

COLOUR GUIDE PER TOPIC

GENERAL ORTHOPAEDICS
UPPER LIMB
LOWER LIMB
SPINE
TRAUMA/POLYTRAUMA
PAEDIATRICS
GENERAL EDUCATION



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after the congress. You will be notified by Email. If you have not yet registered your correct personal Email with us, please contact the registration desks.

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Welcome Address



Prof. Dr. Pierre Hoffmeyer
EFORT President 2012/2013

Dear Colleagues, Friends and Participants,

A warm welcome to the fourteenth EFORT Congress, organised in 2013 in Istanbul in close cooperation with the Turkish Society of Orthopaedics and Traumatology.

The cutting edge in clinical research and technology in orthopaedics and traumatology will be presented, along with the newest concepts and breakthroughs in musculoskeletal surgery-related specialities. Only the latest and best practices, meeting the highest standards of our profession, will be discussed during this high-quality EFORT Congress.

The EFORT Congress offers you a broad spectrum of carefully-selected opportunities to further your knowledge of our complex and varied field. These include 30 Symposia organised by well-known European experts, 22 Instructional Course lectures, more than 600 hand-picked Free Papers, the popular full-day Comprehensive Review Course, many posters, and numerous workshops, industry symposia and technical exhibits. Collaboration with European speciality societies and other affiliated organisations provides major additional input into our programme. The highlights of the Congress will be plenary addresses from two internationally renowned honorary lecturers. The Michael Freeman Honorary Lecture will be given by Professor Katsuro Tomita, the outstanding spinal surgeon from Kanazawa, Japan, and the Erwin Morscher Honorary Lecture will be delivered by Jean Dubousset the master surgeon of Cottrel-Dubousset fame from Paris, France.

On behalf of the Executive Committee of EFORT and also personally, I would like especially to express my heartfelt gratitude to the chairman of the Local Organising Committee, Professor Hakki Sur, for his commitment and support in the organisation of this Congress. Our thanks also go to the staffs of our congress organiser MCI and EFORT Head Office, for their untiring efforts and enthusiastic hard work. In addition, this Congress could not take place without the staff of the magnificent Istanbul Congress Centre, so great thanks also to this wonderful team. Finally, little would be possible without our industry partners, and we extend our gratitude also to them.

Come with us and enjoy this fabulous, pulsating city of Istanbul.

Welcome!

A handwritten signature in black ink, appearing to read 'PH', followed by a long horizontal line that ends in a small downward-pointing tick mark.

Prof. Pierre Hoffmeyer
EFORT President



Prof. Dr. Hakki Sur,
Chair Local Organisation, Istanbul

Prof. Dr. Enric Cáceres
Chair EFORT Scientific Committee

Dear colleagues,

"One city, two continents", may be the words to describe this wonderful city. Today, Istanbul is a forward-thinking capital of an emerging country. Medical science is one of the areas in which the city is particularly progressive.

That is why EFORT has chosen to hold its 14th Congress in Istanbul, in the early summer from 5–8 June.

It takes a degree of courage to choose such an attractive place for a Congress. There is always the risk that the setting will overshadow the Congress itself.

EFORT, however, has all the scientific prestige that it takes to stand up to the competition. EFORT has taken care to shape the 14th Congress scientific programme to appeal to a mix of scientists from Europe, of course, but also from the rest of the world.

We have worked hard on the upcoming scientific programme, which we are sure will meet your justifiably high expectations. Its highlights are sure to fire our professional passions anew.

We are proud of the feedback we have received, which reveals a great deal of interest in this Congress from Middle and Far-Eastern countries. With Istanbul's position as the gateway to Asia, you will encounter culture, orthopaedic science – and many colleagues – from the East.

The 14th Congress will be one of the most successful meetings ever. We are sure that you will want to stay longer, to visit the Orient, and to discover the history of this fascinating country, from which both the tulip and the tradition of coffee originate.

EFORT looks forward to welcoming you to Istanbul from 5–8 June 2013.

Hakki Sur
14th EFORT Istanbul Congress LOC Chairman

Prof. Dr. Hakki Sur,
Chair Local Organisation, Istanbul 2013

Prof. Dr. Enric Cáceres Palou
Chair EFORT Scientific Committee

About EFORT

The European Federation of National Associations of Orthopaedics and Traumatology (EFORT) is the platform organisation linking Europe's national orthopaedic associations.

EFORT concentrates on two main goals: we will achieve our mission and vision by becoming a point of reference in musculoskeletal diseases and injuries, and by raising awareness of musculoskeletal topics at the EU and global level. Our role as a point of reference focuses on driving the scientific agenda, harmonising training and treatment, encouraging knowledge exchange and performing with a high level of integrity. To raise awareness at the EU and global level we will be collaborating closely with our member network. The EBOT exam, as the common result of both set goals, will be promoted and will influence the drafting of training curricula aimed at establishing a common level among the variety of training approaches that currently exists around Europe.

To fulfil its objectives, EFORT organises an annual congress, a comprehensive advanced training programme (ATP), and is present at major European conferences. It also issues a series of scientific publications, including the "European Orthopaedics and Traumatology" (EOTR) journal, book series and Instructional Lecture books.

With its annual congress, EFORT offers an international stage for the latest developments in the field of musculoskeletal disease and trauma, and constitutes a unique platform for surgeons, physicians and other healthcare professionals to absorb and track the latest scientific findings.

The ATP is a series of specialised courses taking place throughout the year. Its objective is to improve and harmonise training standards with its member organisations and specialty societies. The specifically designed "BAT Educational Programme" is complementing the range of EFORT's educational programme and the second module has started with already 2 courses out of 3 run jointly with EPOS, the European Paediatric Orthopaedic Society. The acronym BAT stands for Basic Courses, Advanced Courses and Traumatology Courses, implying that the curriculum is comprised of a module of two basic courses in combination with one on traumatology. The aim of this programme is to foster a problem-solving approach in the diagnosis and management of musculo-skeletal conditions.

"European Orthopaedics and Traumatology" (EOTR) is EFORT's official journal, and offers a forum for discussion among surgeons and those who work with them, as well as patient organisations. Meanwhile, our book series and IL books ensure comprehensive and dynamic coverage of topical issues throughout the year. Articles published here reflect the broad spectrum of European opinion on daily practice in orthopaedics, and help to promote consensus and accepted standards across the discipline.

EFORT is pleased to announce the creation of EMSA, the European Musculoskeletal Health Alliance, a joint initiative from EFORT and EULAR. The Alliance brings together Europe's foremost orthopaedists, traumatologists, rheumatologists, physiatrists, allied health providers and patient organisations. They are now working closely together in Brussels to steer our EU policy makers towards recommendations to Member States that will reduce the incidence and impact of rheumatic and musculoskeletal diseases and injuries across Europe, and enhance the health and quality of life for all 120 million Europeans suffering from these conditions.

New this year will be the launch of EFORTnet, the Orthopaedic and Traumatology Platform that fosters knowledge sharing and capacity building. Education and science is increasingly delivered through the internet hence adding one important channel to access knowledge. Though congress and courses remain primary ways to teach and learn, the e-world innovates the approach to the harmonization of training throughout Europe by reaching beyond geographic boundaries.

Welcome to Istanbul and we wish you a successful congress.

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EFORT EXECUTIVE COMMITTEE

President	Prof. Dr. Pierre Hoffmeyer
Vice President	Dr. Manuel Cassiano Neves
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Member at Large	Dr. George Macheras
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	Prof. Dr. Karl-Göran Thorngren

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	Prof. Dr. Karl Knahr (Book Series)
	Prof. Dr. Wolfhart Puhl (Journal)
Scientific Congress Committee	Prof. Dr. Enric Cáceres Palou
Speciality Society Standing Committee	Dr. Marino Delmi

TASK FORCES AND AD HOC COMMITTEES

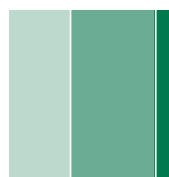
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Fora	Prof. Dr. Thierry Bégué
Musculoskeletal Trauma Task Force	Prof. Dr. Norbert Haas
Travelling & Visiting Fellowships	Prof. Dr. Philippe Neyret

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	Prof. Dr. Ulrich Stöckle
	Dr. Mazhar Tokgözoglu



EFORT net

Share knowledge & experience!

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NATIONALITY	ABBREVIATION	NAME
Albania	AAOST	Albanian Association of Orthopaedic Surgery and Traumatology
Austria	ÖGO	Austrian Society of Orthopaedics and Orthopaedic Surgery
Belgium	BVOT	Belgian Association of Orthopaedics and Traumatology
Belgium	SORBCOT	Belgian Royal Society of Orthopaedic Surgery and Traumatology
Bosnia and Herzegovina	OTSABH	Orthopaedic and Traumatology Surgeons Ass. of Bosnia and Herzegovina
Bulgaria	BOTA	Bulgarian Orthopaedics and Trauma Association
Croatia	COTA/HUOT	Croatian Orthopaedic and Traumatology Association
Croatia	CrOS	Croatian Orthopaedic Society of the Croatian Medical Ass.
Cyprus	CAOST	Cyprus Association of Orthopaedic Surgery and Traumatology
Czech Republic	CSOT	Czech Society for Orthopaedics and Traumatology
Denmark	DOS	Danish Orthopaedic Society
Estonia	ETOS	Estonian Orthopaedic Society
Finland	SOY-FOA	Finnish Orthopaedic Association
Former Yugoslav Republic of Macedonia	MAOT	Macedonian Association of Orthopaedics and Traumatology
France	SOFcot	French Society of Orthopaedic Surgery and Traumatology
Germany	BVOU	Professional Association of Orthopaedic Surgeons
Germany	DGOOC	German Association of Orthopaedics and Orthopaedic Surgery
Germany	DGU	German Trauma Society
Greece	HAOST	Hellenic Association of Orthopaedic Surgery Et Traumatology
Hungary	MOT/HOA	Hungarian Orthopaedic Association
Iceland	IBF	Icelandic Orthopaedic Society
Ireland	IOA	Irish Orthopaedic Association
Italy	SIOT	Italian Society of Orthopaedics and Traumatology
Kosovo	KSOTS	Kosovo Society of Orthopaedics and Trauma Surgeons
Latvia	LTOA	Latvian Association of Traumatology and Orthopaedics
Lithuania	LSOT/LOTD	Lithuanian Society of Orthopaedics and Traumatology
Luxembourg	SLOT	Luxembourgian Society of Orthopaedics and Traumatology
Malta	AOTSM	Association of Orthopaedic Et Trauma Surgeons of Malta
Montenegro	AMOT	Association of Orthopaedics and Traumatologists of Montenegro
Netherlands	NOV	Dutch Orthopaedic Association
Norway	NOF	Norwegian Orthopaedic Association
Poland	PTOITR	Polish Orthopaedic and Traumatologic Society
Portugal	SPOT	Portuguese Society of Orthopaedics and Traumatology
Romania	SOROT	Romanian Society of Orthopaedics and Traumatology
Russian Federation	AOTRF	Ass. of Orthopaedists and Traumatologists of the Russian Federation
Serbia	SOTA	Serbian Orthopaedic Trauma Association
Slovakia	SOTS	Slovak Orthopaedic and Traumatologic Society
Slovenia	SOA/ZOSZD	Slovenian Orthopaedic Association
Spain	SECOT	Spanish Orthopaedic and Traumatology Society
Sweden	SOF	Swedish Orthopaedic Association
Switzerland	SGO-SSO	Swiss Society of Orthopaedic Surgery and Traumatology
Turkey	TSOT/TOTBID	Turkish Society of Orthopaedics and Traumatology
Ukraine	UAOST	Ukrainian Ass. of Orthopaedic Surgeons Et Traumatologists
United Kingdom	BOA	British Orthopaedic Association

SPECIALITY SOCIETIES

Speciality Society Sessions form an integral part of each EFORT Congress. EFORT would like to take this opportunity to thank the Speciality Societies involved in the Istanbul Congress for their valuable input and active contribution to the scientific programme.

EUROPEAN SPECIALITY SOCIETIES AND OTHER COLLABORATING ORGANISATIONS

AOSpine	AOSpine
AOTrauma	AOTrauma
ARTOF	Association for the Rational Treatment of Fractures
EBJIS	European Bone and Joint Infection Society
EFAS	European Foot and Ankle Society
EFOST	European Federation of National Associations of Orthopaedic Sports Traumatology
EHS	European Hip Society
EORS	European Orthopaedic Research Society
EPOS	European Paediatric Orthopaedic Society
ERASS	European Rheumatism and Arthritis Surgical Society
ESB	European Society for Biomaterials
ESPA	European Society of Pelvis And Acetabulum
ESSKA	European Society of Sports Traumatology, Knee Surgery and Arthroscopy
ESTES	European Society for Trauma and Emergency Surgery
EULAR	European League Against Rheumatism
EuroSpine	EuroSpine - the Spine Society of Europe
EWAS	European Wrist Arthroscopy Society
EWMA	European Wound Management Association
FESSH	Federation of European Societies for Surgery of the Hand
FFN	Fragility Fracture Network
ICON	International Collaboration of Orthopaedic Nursing
ISLASS	International Society of Laser and Percutaneous Procedures in Spinal Surgery
ISTF	International Surgical Thrombosis Forum
FORTE	Federation of Orthopaedic Trainees in Europe

EFORT Invited Nation Programme

The EFORT Invited Nation Programme aims at raising awareness and recognition towards the contribution made to the management of musculo-skeletal diseases worldwide and to strengthen ties with colleagues around the globe. In this sense we are delighted to announce that EFORT honors two societies in 2013: The Latin American SLAOT (Federation of Latin American Societies) and the Brazilian SBOT (Brazilian Society of Traumatology and Orthopaedics). Both Societies will be holding their own sessions, present themselves with a booth and during the Opening Ceremony.



LATIN-AMERICAN SOCIETY OF ORTHOPEDICS AND TRAUMATOLOGY LASOT/SLAOT

The Latin-American Society of Orthopaedics and Traumatology SLAOT unites 43,000 orthopaedic surgeons in Latin America. It strengthens the already close bonds between 21 sister nations, with the shared aim achieving constant growth and development in Latin-American orthopaedic practice.

SLAOT is an independent private-sector, non-profit, scientific and professional organisation. It is a federation of professional bodies for orthopaedic surgeons and practitioners in the musculo-skeletal and related fields. SLAOT seeks to develop service and business opportunities between Latin America, Europe, North America and Asia through international cooperation agreements. In pursuit of its aim, it organises continuing academic and professional development programmes. These offer top-quality training to member organisations, and encourage multi-centre research with a social and professional focus in areas such as promotion, prevention, healing, rehabilitation and palliative care in relation to the musculo-skeletal system.

The various regional organisations are represented by a vice-president, who attends regular and special general assembly meetings. At present, SLAOT comprises four regional organisations, namely:

- Mexico, Central America and the Caribbean: includes Mexico, Guatemala, Dominican Republic, Honduras, Cuba, El Salvador, Panama, Puerto Rico, Netherlands Antilles, Costa Rica and Nicaragua
- Andean Countries: includes Colombia, Venezuela, Ecuador, Peru and Bolivia
- Southern Cone: includes Argentina, Paraguay, Uruguay and Chile
- Brazil

Through its various scientific and entrepreneurial activities, SLAOT is well-placed to respond to the changing needs of orthopaedics in Latin America via inter-institutional agreements with the European Federation of National Associations of Orthopaedic Surgeons and Traumatologists, EFORT, and with the International Society of Orthopaedic Surgery and Traumatology, SICOT. It also continues to participate in lectures, international symposia, free papers and scientific posters within the framework of the various activities organised in Latin America.



Brazilian Society of Traumatology and Orthopaedics (SBOT)

Since its foundation 78 years ago SBOT carries the mission of congregating the Brazilian orthopedists, provides high quality of Continuing Education, supports professionally with ethical values towards the improvement of the orthopedic medical care in Brazil. Today SBOT has been consolidated as one of the most important professional association in the country with almost 12.000 members and in the world's most respected scientific societies.

Its scientific activities are driven to continuous medical improvement, with a highlight to the 'Exame para Obtenção do Título de Especialista – TEOT' (Examination to obtain the Title of Specialist – our Board Exam), which is regarded as an international example to medical institutions thus it assesses around 600 resident physicians per year by means of written, oral, physical and skills tests.

The Brazilian Congress of Orthopaedics and Traumatology is responsible for providing high quality scientific update to 5.000 specialists annually, as well as presenting innovations and improvements in this speciality. And it is during the congress that SBOT is able to show all of its vigor, creativity and strength.

The "EFORT Forum" project, which is an EFORT symposium at a national congress, began in 2002 at the DGOOC congress in Berlin. The initial idea was to choose one topic for several events, such as thromboprophylaxis, and have invited European experts discuss it with local speakers from various countries. The aim was to clarify different European criteria and arrive at new standards. The idea was very well received, but the problem was finding European speakers ready to deal with the same topic at up to ten different events. Furthermore, we realised that the expectations of such a symposium differ widely between countries.

We have therefore changed our format, and have decided instead to organise up to ten European Fora each year with four to six speakers. The EFORT Forum now offers a platform for the discussion of current issues with renowned national and international faculty at the national congresses of our member societies.

In 2013, we plan to provide updates on a variety of hot topics in our speciality. National societies are free to choose a topic, including trauma topics suggested by the EFORT Trauma Task Force, and to propose a two-to-four-hour session during their annual congress, preferably on the official opening day. EFORT Fora should not clash with the main sessions of the congress. Half of the speakers should always come from the hosting national society, while the other international half will be selected by the EFORT Fora Chair, Prof. Thierry Bégue, from speakers who have agreed to be part of our Fora schedule.

For this reason, the Forum language will be English. Whether or not simultaneous translation is needed must be decided by the congress organisers. In recent years, the EFORT Fora have achieved a very high scientific level and provided an excellent platform for exchange between national societies and EFORT. The speakers involved in these Fora were always hosted very graciously, and treated as honoured guests at the congress. Accordingly, the interest in such Fora has growing markedly, and we are delighted to announce seven EFORT Fora at European national congresses in 2013:

1. EFORT FORUM during the MOT/HOA Congress in Budapest, Hungary
28 June 2013
Topic: Periprosthetic fractures associated with total hip and total knee replacement
2. EFORT FORUM during the ÖGO Congress in Krems an der Donau, Austria,
3 September 2013
Topic: Modern trends in arthroplasty
3. EFORT FORUM during the HAOST Congress in Athens, Greece
3 October 2013
Topic: Open fractures on the leg
4. EFORT Forum during the SPOT Congress in the Algarve, Portugal
24 October 2013
Topic: Degenerative knee. The challenge with the young and active patient
5. EFORT Forum during the SIOT Congress in Genova, Italy
26 October 2013
Topic: Polytrauma: What to do after damage control?
6. EFORT FORUM during the TSOT/TOTBID Congress in Antalya, Turkey
30 October 2013
Topic: Current treatment concepts in locked plating
7. EFORT FORUM during the SOFCOT Congress in Paris, France
12 November 2013
Topic: Tibial pilon fractures – an update

We invite all EFORT national member societies to organise such Fora in the future.

ADVANCES IN TOTAL HIP AND TOTAL KNEE REPLACEMENT (additional registration required)

Session Title	Organisers/Moderators	Category	Room	Time
7 June 2013				
Total Knee Replacement	Knahr, Karl / Argenson, Jean-Noël	● Knee osseous	Helsinki	08.00-12.00
Total Hip Replacement	Kjaersgaard-Andersen, Per / Zagra, Luigi Massimo	● Hip	Helsinki	13.00-17.00

CLINICAL CASES

Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Clinical Cases: Trauma	Kinik, Hakan / Muñoz Vives, Josep Maria	● General Trauma	Brussels	11.00-12.00
Clinical Cases: Basic Sciences	Gómez Barrena, Enrique / Overgaard, Søren	● General Orthopaedics	Florence	11.00-12.00
6 June 2013				
Clinical Cases: Hand & Wrist	Kopylov Philippe / Uzumcugil, Akin	● Hand and wrist	Barcelona	14.00-15.00
Clinical Cases: Paediatrics	Böhm, Stephanie / Inan, Muharrem	● Paediatrics	Helsinki	14.00-15.00
7 June 2013				
Clinical Cases: Spine	Cáceres Palou, Enric / Berk, Haluk	● Spine (incl. trauma)	Berlin	14.00-15.00
Clinical Cases: Foot & Ankle	Magnan, Bruno / Besse, Jean-Luc	● Foot/ankle/leg	Madrid	17.15-18.15

COMPLEX CASE DISCUSSION

Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Fractures around the shoulder and elbow	Sanderhoff Olsen, Bo	● Shoulder/elbow, arm/forearm	Helsinki	11.00-12.00
Management of complications in Spine Surgery	Pellisé Urquiza, Ferran	● Spine (incl. trauma)	Vienna	17.45-18.45
6 June 2013				
Controversial issues in THA on the femoral side	Tokgozoglu, Ahmet Mazhar	● Hip	Munich	14.00-15.00
Ligament injury of the immature knee: Conservative and surgical treatments	Doral, Mahmut Nedim	● Sports / Knee soft-tissue	Madrid	14.00-15.00
Major pelvic and spine fractures	Guerado Parra, Enrique	● Polytrauma/Pelvis	Brussels	17.15-18.15

Session Overview

COMPREHENSIVE REVIEW COURSE (additional registration required)				
Session Title	Organisers/Moderators	Category	Room	Time
6 June 2013				
Comprehensive Review Course	Suva, Domizio	● General education	Berlin	08.00-18.00
DEBATE FORUM				
Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Conservative versus surgical treatment of thoracolumbar junction burst fractures	Berk, Haluk	● Spine (incl. trauma)	Vienna	11.00-12.00
Flexible flat foot in children - to operate or not to operate?	Krauspe, Rüdiger	● Paediatrics	Copenhagen	11.00-12.00
6 June 2013				
Arthroplasty vs. Osteosynthesis after femoral neck fracture	Overgaard, Søren	● Hip	Munich	17.15-18.15
7 June 2013				
4-Part proximal humerus fracture in elderly: Osteosynthesis vs prosthesis	Kontakis, George	● Shoulder/elbow, arm/forearm	Vienna	14.00-15.00
Radial head replacement or not in elbow trauma?	Judet, Thierry	● Trauma upper limb	Barcelona	14.00-15.00
EVIDENCE BASED MEDICINE SESSION				
Session Title	Organisers/Moderators	Category	Room	Time
7 June 2013				
Metatarsalgia: Treatment and options	Delmi, Marino	● Foot/ankle/leg	Lisbon	14.00-15.00
8 June 2013				
Spine metastases treatment	Cáceres Palou, Enric	● Spine (incl. trauma)	Madrid	10.30-11.30
FREE PAPER SESSION				
Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Distal radius fractures	Kopylov, Philippe / Luchetti, Riccardo	● Hand and wrist	Lisbon	09.00-10.30
Shoulder prosthetics	Moro, Fabrizio / Demirhan, Mehmet	● Shoulder/elbow, arm/forearm	Helsinki	09.00-10.30
Tumour 1	Hiz, Murat / Jäger, Marcus	● Bone and joint tumours	Berlin	11.00-12.00

FREE PAPER SESSION

Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Osteoarthritis hip and knee	Arazi, Mehmet / Karachalios, Theofilos	● General Orthopaedics	Florence	14.30-15.30
Carpal tunnel syndrome	Kopylov, Philippe / Zammit, Jason	● Hand and wrist	Lisbon	14.30-15.30
Shoulder - Miscellaneous	Miozzari, Hermes / Atalar, Ata Can	● Shoulder/elbow, arm/forearm	Helsinki	14.30-15.30
Femoral neck vascularity and head necrosis	García-Cimbrello, Eduardo / Beyzadeoglu, Tahsin	● Hip	Madrid	14.30-15.30
TKA - Perioperative considerations	Murray, David / Thienpont, Emmanuel	● Knee osseous	Munich	14.30-15.30
Injuries around the elbow	Kiss, Jenő / Aktuglu, Kemal	● Trauma upper limb	Barcelona	14.30-15.30
Degenerative conditions	Sturesson, Bengt / Alanay, Ahmet	● Spine (incl. trauma)	Vienna	16.00-17.30
Hip arthroplasty: Technique 1	Zagra, Luigi Massimo / Yercan, Huseyin	● Hip	Madrid	16.00-17.30
Osteotomies around the knee	Hofmann, Siegfried / Atilla, Bülent	● Knee osseous	Munich	16.00-17.30
Humerus fractures	Babst, Reto / Durak, Kemal	● Trauma upper limb	Barcelona	16.00-17.30
Tumour 2	Sabah, Dündar / Capanna, Rodolfo	● Bone and joint tumours	Berlin	17.45-18.45
Shoulder girdle / clip radius	Miozzari, Hermes / Arazi, Mehmet	● Trauma upper limb	Brussels	17.45-18.45
6 June 2013				
Bone and implant headings	Ates, Yalim / Husted, Henrik	● General Orthopaedics	Nice	08.30-10.00
Experimental: Infection and bone	Sen, Cengiz / Cordero-Ampuero, José	● General Orthopaedics	Vienna	08.30-10.00
Meniscus and cartilage	Madry, Henning / Camathias, Carlo	● Sports / Knee soft-tissue	Madrid	08.30-10.00
Fracture femur / knee	Papadakis, Stamatios / Dincer, Derya	● Trauma lower limb	Brussels	08.30-10.00
Metal-Ceramic-Polyethylene: A search for the favourite	Malchau, Henrik / Knahr, Karl	● Tribology	Paris	08.30-10.00
Scaphoid	Haerle, Max / Dumontier, Christian	● Hand and wrist	Barcelona	10.30-12.00
FAI - Hip arthroscopy	Leunig, Michael / Ganz, Reinhold	● Hip	Munich	10.30-12.00
THA complications	Ullmark, Gösta / Levent, Eralp	● Hip	Helsinki	10.30-12.00
TKA - Technique related outcomes	Steens, Wolfram / Gamal, Ahmed Hosny	● Knee osseous	Vienna	14.00-15.00
The hype of Ceramic - Will it continue?	Kaddick, Christian / Knahr, Karl	● Tribology	Paris	14.00-15.00

Session Overview

6 June 2013

Paediatrics hip disorders	Krauspe, Rüdiger / Gamal, Ahmed Hosny	● Paediatrics	Helsinki	15.00-16.00
Risk factors in lower limb arthroplasty	Isiklar, Ugur / Husted, Henrik	● General Orthopaedics	Nice	15.30-17.00
Anterior cruciate ligament	Margheritini, Fabrizio / Karahan, Mustafa	● Sports / Knee soft-tissue	Madrid	15.30-17.00
Tendons hindfoot	Tourné, Yves / Esemeli, Tanil	● Foot/ankle/leg	Lisbon	15.30-17.00
Hip arthroscopy	Tokgözoglu, Ahmet Mazhar / Aydogdu, Semih	● Hip	Munich	15.30-17.00
Unicompartmental knee	Thienpont, Emmanuel / Ozkan, Ilhan	● Knee osseous	Vienna	15.30-17.00
Metal-on-Metal: Still an option?	Günther, Klaus-Peter / Savk, Öner	● Tribology	Paris	15.30-17.00
Developmental dysplasia of the hip	Ömeroglu, Hakan / Grill, Franz	● Paediatrics	Helsinki	16.00-17.00
Challenges in fragility fractures	Atik, Sahap / Dreinhöfer, Karsten	● Osteoporosis	Nice	17.15-18.15
Knee ligaments	Doral, Mahmut Nedim / Menetrey, Jacques	● Sports / Knee soft-tissue	Madrid	17.15-18.15
Forefoot	Delmi, Marino / Magnan, Bruno	● Foot/ankle/leg	Lisbon	17.15-18.15
Pelvic fractures: Diagnostic challenges and functional outcome	Siebenrock, Klaus / Okçu, Güvenir	● Polytrauma/Pelvis	Florence	17.15-18.15
Basic sciences	Yazici, Muharrem / Lascombes, Pierre	● Paediatrics	Helsinki	17.15-18.15
Improvements of polyethylene - Have we reached the goal?	Sur, Hakki / Muratoglu, Orhun Kamil	● Tribology	Paris	17.15-18.15

7 June 2013

Tumour 3	Özger, Harzem / Capanna, Rodolfo	● Bone and joint tumours	Paris	08.30-10.00
Assessing the rotator cuff	Sanderhoff Olsen, Bo / Demirhan, Mehmet	● Shoulder/elbow, arm/forearm	Vienna	08.30-10.00
Hip arthroplasty: Technique 2	Wirtz, Dieter / Akgün, Isik Karli	● Hip	Copenhagen	08.30-10.00
Alignment for TKA	Pederzini, Luigi A. / Gamal, Ahmed Hosny	● Knee osseous	Munich	08.30-10.00
Infection in total hip and knee replacement	Yazar, Tarik / Winkler, Heinz	● Infection	Florence	10.30-12.00
Rotator cuff: New strategies	Verhaar, Jan / Karahan, Mustafa	● Shoulder/elbow, arm/forearm	Vienna	10.30-12.00
Cartilage lesions	Vannini, Francesca / Kiliçoglu, Önder	● Foot/ankle/leg	Lisbon	10.30-12.00
FAI - Periacetabular osteotomies	Christofilopoulos, Panayiotis / Ozsoy, Mehmet Hakan	● Hip	Paris	10.30-12.00
Revision hip arthroplasty	Babis, George / Togrul, Emre	● Hip	Madrid	10.30-12.00
THA outcomes	Kostakos, Athanasios / Beksac, Burak	● Hip	Nice	10.30-12.00

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Imaging and measurements in TKA	Sur, Hakki / Akgün, Isik Karli	● Knee osseous	Munich	10.30-12.00
Hip fracture - General	Rogmark, Cecilia / Cullu, Emre	● Trauma lower limb	Brussels	10.30-12.00
Open fractures - Healing problems	Teixidor Serra, Jordi / Agus, Haluk	● Trauma lower limb	Barcelona	10.30-12.00
Neuromuscular disorders and fracture diagnosis	Inan, Muharrem / Cassiano Neves, Manuel	● Paediatrics	Copenhagen	10.30-12.00
Infection in orthopaedic surgery	Gür, Semih / Borens, Olivier	● Infection	Florence	14.00-15.00
Femoral neck fractures in young patients	Duus, Benn Ronnow / Sarisözen, Bartu	● Trauma lower limb	Brussels	14.00-15.00
Hip imaging	Leunig, Michael / Cila, Erdal	● Hip	Madrid	14.00-15.00
Elbow session	Kiss, Jenő / Atalar, Ata Can	● Shoulder/elbow, arm/forearm	Vienna	15.30-17.00
Deformity	Balsano, Massimo / Aydingöz, Önder	● Spine (incl. trauma)	Berlin	15.30-17.00
Metal-on-Metal and wear	Günther, Klaus-Peter / Altintas, Faik	● Hip	Paris	15.30-17.00
TKA - Design related outcomes	Doral, Mahmut Nedim / Steens, Wolfram	● Knee osseous	Copenhagen	15.30-17.00
Femoral neck fractures - Periprosthetic fractures	Bel, Jean-Christophe / Erdemli, Bülent	● Trauma lower limb	Brussels	15.30-17.00
Blood transfusion and DVT	Altintas, Faik / Ovesen, Ole	● General Orthopaedics	Paris	17.15-18.15
Infection, tumour & miscellaneous	Ubierna Garcés, María Teresa / Talu, Ufuk	● Spine (incl. trauma)	Berlin	17.15-18.15
Total ankle arthroplasty	Leemrijse, Thibault / Kofoed, Hakon	● Foot/ankle/leg	Lisbon	17.15-18.15
Femoral neck: Hemiarthroplasty and its complications	Bégué, Thierry / Karaoglu, Sinan	● Trauma lower limb	Barcelona	17.15-18.15
Polytrauma	Ruchholtz, Steffen / Kinik, Hakan	● Polytrauma/Pelvis	Brussels	17.15-18.15

8 June 2013

Patient reported outcome (Prom) and total joint replacement	Alparslan, Bülent / Kärrholm, Johan	● Hip	Florence	08.30-10.00
Unstable shoulder	Belling Sørensen, Anne Kathrine / Güven, Osman	● Shoulder/elbow, arm/forearm	Madrid	08.30-10.00
Metal-on-Metal	Günther, Klaus-Peter / Bilgen, Ömer	● Hip	Paris	08.30-10.00
TKA - Navigation	Becker, Roland / Bozkurt, Murat	● Knee osseous	Munich	08.30-10.00
Fractures distal tibia, ankle, foot	Teixidor Serra, Jordi / Aydin, Ahmet Turan	● Trauma lower limb	Brussels	08.30-10.00
Experimental: Cartilage, meniscus, bone	Verdonk, René / Benazzo, Francesco	● General Orthopaedics	Nice	10.30-12.00
Trauma (Spine)	Ubierna Garcés, María Teresa / Senkölyü, Alpaslan	● Spine (incl. trauma)	Berlin	10.30-12.00

Session Overview

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Miscellaneous (arthrodesis, fractures, diabetes)	Ogüt, Tahir / Rabat Ribes, Eduard	● Foot/ankle/leg	Lisbon	10.30-12.00
Metal-on-Metal: Adverse effects	Penny, Jeannette / Ozkan, Ilhan	● Hip	Paris	10.30-12.00
Revision knee arthroplasty	Sur, Hakki / Sarpel, Yaman	● Knee osseous	Munich	10.30-12.00
Intertrochanteric fractures	Bal, Emin / Muñoz Vives, Josep María	● Trauma lower limb	Brussels	10.30-12.00

HONORARY LECTURE

Session Title	Honorary Lecturer	Category	Room	Time
Erwin Moscher Honorary Lecture	Dubousset, Jean	● General education	Paris	12.00-12.30

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Michael Freeman Honorary Lecture	Tomita, Katsuro	● General education	Paris	12.00-12.30
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7 June 2013

INSTRUCTIONAL LECTURE

Session Title	Moderator, Lecturer	Category	Room	Time
Treatment of early and late infection following THA	Wirtz, Dieter / Cordero-Ampuero, José	● Hip	Madrid	11.00-12.00
The forearm joint	Szabó, Zsolt / Dumontier, Christian	● Hand and wrist	Lisbon	11.00-12.00
Management of proximal tibial fractures	Bégué, Thierry / Garnavos, Christos	● Trauma lower limb	Barcelona	11.00-12.00
The evidence for medical treatment for tertiary prophylaxis of osteoporosis	Dreinhöfer, Karsten / Brixen, Kim	● Osteoporosis	Nice	11.00-12.00
Early OA in the knee from conservative to surgical treatment	Doral, Mahmut Nedim / Lars Engebretsen	● Knee osseous	Munich	11.00-12.00
Treatment of ageing spine	Pellisé Urquiza, Ferran / Aebi, Max	● Spine (incl. trauma)	Vienna	14.30-15.30
Surgical treatment of pelvic fractures	Stöckle, Ulrich / Lindahl, Jan Erik	● Polytrauma/Pelvis	Brussels	14.30-15.30
Surgical treatment of soft tissue sarcoma	Szendrói, Miklos / Capanna, Rodolfo	● Bone and joint tumours	Berlin	14.30-15.30
Risk factors and treatment of dislocations of the THA	Hernigou, Philippe / Ullmark, Gösta	● Hip	Madrid	17.45-18.45
New trends in shoulder arthroplasty	Stanley, David / Ekelund, Anders	● Shoulder/elbow, arm/forearm	Helsinki	17.45-18.45
Classification and algorithm of treatment for proximal humeral fractures	Muñoz Vives, Josep María / Resch, Herbert	● Trauma upper limb	Barcelona	17.45-18.45
UNI knee arthroplasty from primary to revision surgery	Verhaar, Jan / Benazzo, Francesco	● Knee osseous	Munich	17.45-18.45

6 June 2013

Biologics in open fractures	Giannoudis, Peter / Haas, Norbert	● Polytrauma/Pelvis	Brussels	14.00-15.00
How to introduce new implants/ techniques	Macheras, George / Malchau, Henrik	● General Orthopaedics	Nice	14.00-15.00
Modern indication for a high tibial Osteotomy	Neyret, Philippe / Denti, Matteo	● Sports / Knee soft-tissue	Florence	14.00-15.00
Meniscal lesion today: Evidence of treatment	Espregueira-Mendes, João / Beaufils, Philippe	● Sports / Knee soft-tissue	Vienna	17.15-18.15

7 June 2013

Osteotomies around the ankle	Viladot Voegeli, Antonio / Knupp, Markus	● Foot/ankle/leg	Lisbon	08.30-09.30
Training as non-operative treatment of patients with osteoarthritis of the hip or knee	Murray, David / Roos, Ewa	● General Orthopaedics	Paris	14.00-15.00
New trends based on experimental results	Cannon, Stephen / Baldini, Nicola	● General Orthopaedics	Copenhagen	14.00-15.00
Current evidence in designs and surfaces in THA	Overgaard, Søren / Karachalios, Theofilos	● Hip	Vienna	17.15-18.15
Growth modulation	Møeller-Madsen, Bjarne / Eastwood, Deborah	● Paediatrics	Copenhagen	17.15-18.15
Risk factors for postoperative infection	Romanò, Carlo Luca / Borens, Olivier	● Infection	Florence	17.15-18.15

INTERACTIVE EXPERT EXCHANGE (additional registration required)

Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
DDH: Before walking age	Ömeroglu, Hakan / Graf, Reinhard	● Paediatrics	Copenhagen	14.30-16.30
DDH: Residual deformities	Inan, Muharrem / Chomiak, Jiri	● Paediatrics	Copenhagen	16.45-18.45

6 June 2013

Pseudarthrosis - bone defects	Giannoudis, Peter	● Polytrauma/Pelvis	Copenhagen	08.30-12.00
Advanced concepts and treatment strategies for femoroacetabular impingement	Leunig, Michael	● Hip	Copenhagen	14.00-18.15

8 June 2013

How to manage bone defects in THA	Macheras, George	● Hip	Copenhagen	08.30-12.00
Infected fractures	Kocaoglu, Mehmet	● Infection	Berlin	08.30-12.00

Session Overview

NURSE SESSION

Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Nurse Session	Hommel, Ami / Sendir, Merdiye	● General education	Nice	16.00-18.30

SPECIALITY SESSION

Session Title	Organisers/Moderators	Society	Room	Time
5 June 2013				
Posttraumatic and chronic conditions pelvis and acetabulum	Pohlemann, Tim / Giannoudis, Peter	● ESPA - European Society of Pelvic and Acetabular Surgery	Brussels	09.00-10.30
What is the current status of Metal-on-Metal hip replacement	Blom, Ashley / Gill, Richie	● EORS - European Orthopaedic Research Society	Nice	09.00-10.30
Antimicrobial treatment in wounds	Gottrup, Finn	● EWMA - European Wound Management Association	Nice	14.30-15.30
Distal radius fractures	Yüçetürk, Aydin / Szabó, Zsolt	● FESSH - Federation of European Societies for Surgery of the Hand / EWAS - European Wrist Arthroscopy Society	Lisbon	16.00-18.45
FORTE session	Huri, Gazi	● FORTE - Federation of Orthopaedic Trainees in Europe	Florence	16.00-18.45
Prostheses and infection in arthritis patients	Nelissen, Rob	● ERASS - European Rheumatism Arthritis Surgical Society	Berlin	16.00-17.30

6 June 2013

Hip arthroscopic surgery in 2013	Ullmark, Gösta / Villar, Richard	● EHS - European Hip Society	Munich	08.30-10.00
Foot & ankle injuries in the athlete: Where do we stand today?	Viladot Voegeli, Antonio	● EFAS - European Foot and Ankle Society	Lisbon	08.30-10.00
Ankle arthritis: Prevention and management	Delmi, Marino / Solan, Matthew	● EFAS - European Foot and Ankle Society	Lisbon	10.30-12.00
Hallux valgus	Delmi, Marino / Redfern, David	● EFAS - European Foot and Ankle Society	Lisbon	14.00-15.00

6 June 2013

Sine qua non / An Essential Element or Condition - Sports and OA	Doral, Mahmut Nedim / Papadopoulos, Pericles / Huylebroek, José / Canata, Gian Luigi	● EFOST - European Federation of National Associations of Orthopaedic Sports Traumatology	Barcelona	15.30-18.15
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7 June 2013

New developments for trauma care	Haas, Norbert / Renner, Nikolaus	● AOTrauma	Barcelona	08.30-10.00
Minimal invasive spinal surgery: New overall perspectives	Menchetti, Pier Paolo Maria	● ISLASS - International Society of Laser Assisted and Percutaneous Procedures in Spinal Surgery	Berlin	08.30-10.00
Orthopaedic surgery and thromboembolism	Fletcher, John	● ISTF - International Surgical Thrombosis Forum	Nice	08.30-10.00
Low back pain in children and adolescents	Yazici, Muharrem	● AOSpine - Global Spine society / EPOS - European Paediatric Orthopaedic Society	Berlin	10.30-12.00
Office pediatric orthopaedics	Yazici, Muharrem	● EPOS - European Paediatric Orthopaedic Society	Nice	14.00-14.50
Pediatric foot disorders	Eastwood, Deborah	● EPOS - European Paediatric Orthopaedic Society	Nice	14.50-15.40
Around the meniscus	Menetrey, Jacques / Seil, Romain	● ESSKA - European Society of Sports Traumatology, Knee Surgery and Arthroscopy	Munich	14.00-15.00
Lower limb injury in soccer	Servien, Elvire / Ekstrand, Jan	● ESSKA - European Society of Sports Traumatology, Knee Surgery and Arthroscopy	Munich	15.00-16.00

Session Overview

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Focus on elbow trauma	Leenen, Luke / Rommens, Pol Maria	● ESTES - European Society for Trauma and Emergency Surgery	Barcelona	15.30-17.00
Defining bone and joint infection	Romanò, Carlo Luca / Heppert, Volkmar	● EBJIS - European Bone & Joint Infection Society	Florence	15.30-17.00
Management of benign bone lesions	Krauspe, Rüdiger	● EPOS - European Paediatric Orthopaedic Society	Nice	16.00-18.15
Unsolved problems in shoulder arthroscopic surgery	Poberaj, Boris / Tzanakakis, Nikolaos	● ESSKA - European Society of Sports Traumatology, Knee Surgery and Arthroscopy	Munich	16.15-17.15
Limits in anterior and posterior ankle arthroscopy	Ogüt, Tahir / Kerkhoffs, Gino M.M.J.	● ESSKA - European Society of Sports Traumatology, Knee Surgery and Arthroscopy	Munich	17.15-18.15

8 June 2013

Posttraumatic joint instability	Biberthaler, Peter	● ARTOF - Association for the Rational Treatment of Fractures	Barcelona	08.30-12.00
Everything you wanted to know about adult deformity in an hour	Berk, Haluk	● EuroSpine - The Spine Society of Europe	Helsinki	08.30-10.00

SYMPOSIUM

Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Technical aspects of Total Hip Arthroplasty in DDH	Tözün, Ismail Remzi	● Hip	Madrid	09.00-10.30
Supracondylar fractures of the elbow in children: Still a challenging problem?	Cassiano Neves, Manuel / Ağuş, Haluk	● Paediatrics	Copenhagen	09.00-10.30
Preoperative evaluation and management of patients with osteoarthritis of the spine, hip and knee	Hamzaoglu, Azmi	● Spine (incl. trauma)	Vienna	09.00-10.30
Status of the art: Lower limb reconstruction in orthopaedic oncology	Windhager, Reinhard	● Bone and joint tumours	Berlin	09.00-10.30

SYMPOSIUM

Session Title	Organisers/Moderators	Category	Room	Time
5 June 2013				
Orthopaedic management in patients with haemophilia	Aydogdu, Semih	● General Orthopaedics	Florence	09.00-10.30
Painful knee after TKA	Sur, Hakki	● Knee osseous	Munich	09.00-10.30
Periprosthetic fractures in the lower limb	Bégué, Thierry	● Trauma lower limb	Barcelona	09.00-10.30
Management of complications in proximal femoral fracture	Guerado Parra, Enrique	● Trauma lower limb	Brussels	16.00-17.30
The evidence of navigation in knee surgery	Becker, Roland	● General Orthopaedics	Helsinki	16.00-17.30
6 June 2013				
Early complications in THA	Haddad, Fares	● Hip	Helsinki	08.30-10.00
Invited Guest Federation: SLAOT – Primary complex hip arthroplasty	Macheras, George / Musafir, Marcos	● Hip	Florence	08.30-10.00
Osteoarthritis of the thumb. Is resection arthroplasty the only treatment?	Schuind, Frédéric	● Hand and wrist	Barcelona	08.30-10.00
Complex elbow injuries	Stöckle, Ulrich	● Trauma upper limb	Brussels	10.30-12.00
Multiple ligaments knee injury	Espegueira-Mendes, João	● Sports / Knee soft-tissue	Madrid	10.30-12.00
Rapid recovery patients programmes. Lessons from the past and new areas	Kjærsgaard-Andersen, Per	● General Orthopaedics	Florence	10.30-12.00
Statistical analysis in orthopaedic clinical studies	Jolles-Haeberli, Brigitte	● General education	Nice	10.30-12.00
Orthopaedic Publishing in 2013	Villar, Richard	● General education	Vienna	10.30-12.00
Tribology of total knee arthroplasty: Basics and current trends	Argenson, Jean-Noël / Böhler, Nikolaus	● Tribology	Paris	10.30-12.00
Third world orthopaedics	Wurnig, Christian	● General education	Florence	15.30-17.00
Trauma and orthopaedics in conflict and post-conflict settings	Ciritsis, Bernard	● Polytrauma/Pelvis	Brussels	15.30-17.00
7 June 2013				
Reconstruction after damage control	Schultz Larsen, Morten	● Polytrauma/Pelvis	Brussels	08.30-10.00
Management of bone defects after THR infection	García-Cimbrello, Eduardo	● Infection	Florence	08.30-10.00
Invited Guest Nation: SBOT – Massive rotator cuff tears: From basic science to arthroscopy and arthroplasty	Motta, Geraldo	● Shoulder/elbow, arm/forearm	Madrid	08.30-10.00
Acetabular revisions	Tsiridis, Eleftherios	● Hip	Madrid	15.30-17.00

Session Overview

7 June 2013

Complications in total ankle arthroplasty	Besse, Jean-Luc	● Foot/ankle/leg	Lisbon	15.30-17.00
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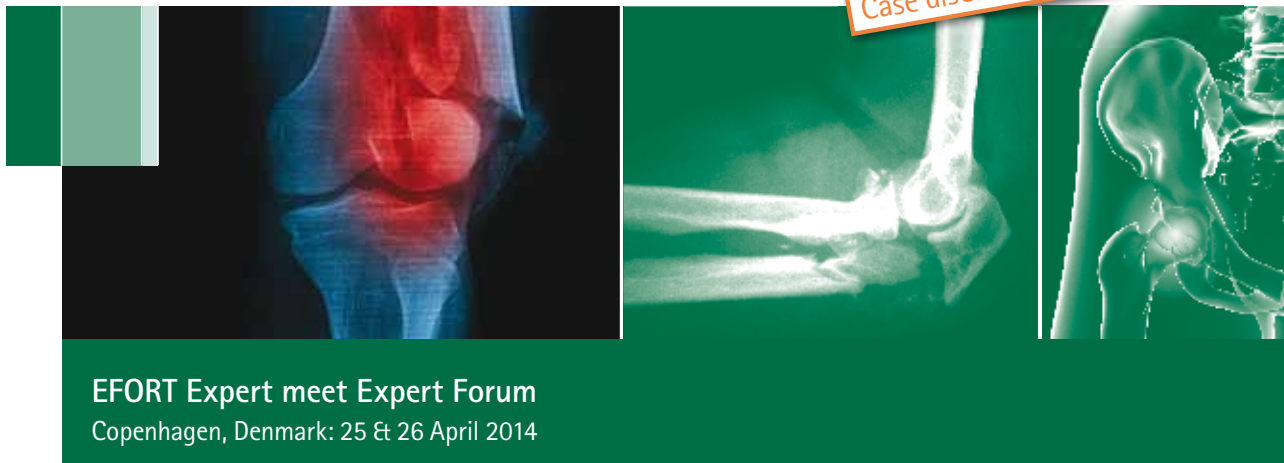
8 June 2013

Percutaneous and mini-invasive surgery myths and reality	Ogüt, Tahir	● Foot/ankle/leg	Lisbon	08.30-10.00
Tricks in arthroscopic rotator cuff repair	Randelli, Pietro Simone	● Shoulder/elbow, arm/forearm	Nice	08.30-10.00
Bone and Joint Decade: Healthy Active Ageing – a multidisciplinary and multiprofessional approach	Woolf, Anthony / Dreinhöfer, Karsten	● General Orthopaedics	Vienna	08.30-10.00
European Arthroplasty Register – Clinical findings, development and new requirements from authorities	Labek, Gerold / Böhler, Nikolaus	● General Orthopaedics	Florence	10.30-12.00
Fragility fractures of the pelvis	Stöckle, Ulrich / Mutschler, Wolf	● Osteoporosis	Vienna	10.30-12.00

WORKSHOP

Session Title	Organisers/Moderators	Category	Room	Time
7 June 2013				
Speaker coaching workshop	Coles, Angela	● General education	Taksim 1	08.00-12.00
Literature search for Orthopaedics and Traumatology surgeons	Küçükdurmaz, Fatih	● General education	Taksim 2	10.30-12.00

Case discussions / Workshops



Periarticular Fractures

- Subtrochanteric fractures
- Complex fractures around the knee
- Pilon and hindfoot fractures
- Fractures around the shoulder
- Fracture dislocations in the elbow
- Complex injuries in the wrist

- Case discussions
- Workshops

In collaboration with the EFORT Trauma Task Force

info More updates available on: www.efort.org/exmex

Abstract Information

COUNTRY/CATEGORY	TOTAL	IN %	COUNTRY/CATEGORY	TOTAL	IN %	COUNTRY/CATEGORY	TOTAL	IN %
United Kingdom			Turkey			Japan		
Hip	181		Shoulder/elbow, arm/forearm	36		Hip	85	
Trauma lower limb	165		Hip	31		Knee osseous	29	
General Orthopaedics / complications / basic science / technology	153		Trauma lower limb	29		Spine (incl. trauma)	15	
Knee osseous	146		Knee osseous	26		Shoulder/elbow, arm/forearm	12	
Shoulder/elbow, arm/forearm	97		Foot/ankle/leg	24		Bone and joint tumours	11	
Foot/ankle/leg	85		General Orthopaedics / complications / basic science / technology	22		Foot/ankle/leg	10	
Paediatrics	57		Bone and joint tumours	19		Sports / Knee soft-tissue	8	
Trauma upper limb	54		Paediatrics	19		General Orthopaedics / complications / basic science / technology	6	
Spine (incl. trauma)	53		Hand and wrist	17		Hand and wrist	4	
Hand and wrist	48		Spine (incl. trauma)	10		Trauma lower limb	4	
Infection	38		Sports / Knee soft-tissue	9		Infection	3	
Sports / Knee soft-tissue	37		Trauma upper limb	8		Paediatrics	3	
Bone and joint tumours	28		Infection	5		Pain control / rehabilitation and non-surgical management	2	
Polytrauma / Pelvis	20		Polytrauma / Pelvis	4		Trauma upper limb	2	
Pain control / rehabilitation and non-surgical management	18		Pain control / rehabilitation and non-surgical management	3		Osteoporosis	1	
Osteoporosis	6		Osteoporosis	2		Nurse	1	
Tribology	5		Nurse	1				
Nurse	2							
United Kingdom Total	1193	29.98%	Turkey Total	265	6.66%	Japan Total	196	4.93%
Spain			Italy			Germany		
Knee osseous	43		Hip	44		Hip	42	
Hip	37		Knee osseous	39		Spine (incl. trauma)	24	
Shoulder/elbow, arm/forearm	37		Trauma lower limb	29		General Orthopaedics / complications / basic science / technology	23	
Spine (incl. trauma)	30		Shoulder/elbow, arm/forearm	20		Shoulder/elbow, arm/forearm	23	
Bone and joint tumours	23		Foot/ankle/leg	13		Knee osseous	21	
Trauma lower limb	23		General Orthopaedics / complications / basic science / technology	13		Foot/ankle/leg	13	
Hand and wrist	22		Sports / Knee soft-tissue	13		Trauma lower limb	13	
Infection	22		Trauma upper limb	13		Sports / Knee soft-tissue	8	
Sports / Knee soft-tissue	22		Bone and joint tumours	9		Infection	7	
Foot/ankle/leg	20		Infection	8		Polytrauma / Pelvis	7	
Trauma upper limb	18		Polytrauma / Pelvis	8		Bone and joint tumours	4	
General Orthopaedics / complications / basic science / technology	15		Hand and wrist	6		Hand and wrist	3	
Paediatrics	10		Spine (incl. trauma)	6		Tribology	3	
Osteoporosis	4		Paediatrics	5		Pain control / rehabilitation and non-surgical management	2	
Pain control / rehabilitation and non-surgical management	3		Pain control / rehabilitation and non-surgical management	1		Osteoporosis	1	
Polytrauma / Pelvis	2					Paediatrics	1	
						Trauma upper limb	1	
Spain Total	331	8.32%	Italy Total	227	5.70%	Germany Total	196	4.93%

Abstract Information

COUNTRY/CATEGORY	TOTAL	IN %
Greece		
Trauma lower limb	21	
Shoulder/elbow, arm/forearm	16	
Spine (incl. trauma)	13	
Foot/ankle/leg	11	
Knee osseous	10	
General Orthopaedics / complications / basic science / technology	8	
Hand and wrist	8	
Hip	7	
Osteoporosis	7	
Sports / Knee soft-tissue	7	
Bone and joint tumours	6	
Paediatrics	5	
Trauma upper limb	5	
Polytrauma / Pelvis	4	
Infection	2	
Pain control / rehabilitation and non-surgical management	1	

Greece Total 131 3.29%

Portugal		
Hip	21	
Trauma lower limb	14	
Paediatrics	11	
Shoulder/elbow, arm/forearm	10	
Hand and wrist	9	
General Orthopaedics / complications / basic science / technology	8	
Infection	8	
Trauma upper limb	8	
Foot/ankle/leg	7	
Spine (incl. trauma)	7	
Knee osseous	6	
Sports / Knee soft-tissue	5	
Osteoporosis	3	
Polytrauma / Pelvis	3	
Bone and joint tumours	2	
Pain control / rehabilitation and non-surgical management	1	

Portugal Total 123 3.09%

COUNTRY/CATEGORY	TOTAL	IN %
United States		
Hip	32	
Knee osseous	28	
General Orthopaedics / complications / basic science / technology	19	
Tribology	11	
Trauma lower limb	8	
Shoulder/elbow, arm/forearm	6	
Foot/ankle/leg	4	
Paediatrics	3	
Sports / Knee soft-tissue	3	
Hand and wrist	2	
Spine (incl. trauma)	2	
Polytrauma / Pelvis	1	

United States Total 119 2.99%

Republic of Korea		
Knee osseous	30	
Hip	24	
Trauma lower limb	10	
General Orthopaedics / complications / basic science / technology	9	
Trauma upper limb	7	
Foot/ankle/leg	5	
Sports / Knee soft-tissue	5	
Hand and wrist	4	
Osteoporosis	4	
Paediatrics	3	
Polytrauma / Pelvis	3	
Spine (incl. trauma)	2	
Bone and joint tumours	1	
Shoulder/elbow, arm/forearm	1	

Republic of Korea Total 108 2.71%

COUNTRY/CATEGORY	TOTAL	IN %
France		
Hip	21	
Knee osseous	13	
General Orthopaedics / complications / basic science / technology	11	
Shoulder/elbow, arm/forearm	10	
Sports / Knee soft-tissue	10	
Paediatrics	9	
Trauma lower limb	6	
Foot/ankle/leg	5	
Spine (incl. trauma)	5	
Bone and joint tumours	2	
Trauma upper limb	2	
Hand and wrist	1	
Polytrauma / Pelvis	1	
Tribology	1	

France Total 97 2.44%

Switzerland		
Hip	25	
Shoulder/elbow, arm/forearm	18	
Foot/ankle/leg	12	
Bone and joint tumours	5	
General Orthopaedics / complications / basic science / technology	5	
Infection	5	
Paediatrics	4	
Knee osseous	3	
Trauma lower limb	3	
Pain control / rehabilitation and non-surgical management	2	
Polytrauma / Pelvis	2	
Spine (incl. trauma)	2	
Sports / Knee soft-tissue	2	
Osteoporosis	1	
Tribology	1	

Switzerland Total 90 2.26%

Abstract Information

COUNTRY/CATEGORY	TOTAL	IN %	COUNTRY/CATEGORY	TOTAL	IN %	COUNTRY/CATEGORY	TOTAL	IN %
Austria			Romania			Taiwan, Province of China	9	0.23%
Knee osseous	11		Hip	11		New Zealand	7	0.18%
Bone and joint tumours	9		Trauma lower limb	8		Albania	6	0.15%
Hip	8		Trauma upper limb	7		Bosnia and Herzegovina	6	0.15%
Foot/ankle/leg	6		General Orthopaedics / complications / basic science / technology	6		Lithuania	6	0.15%
Infection	6		Foot/ankle/leg	4		Hungary	5	0.13%
Paediatrics	6		Infection	4		China	4	0.10%
Shoulder/elbow, arm/forearm	5		Paediatrics	4		Kazakhstan	4	0.10%
Sports / Knee soft-tissue	5		Bone and joint tumours	3		Kyrgyzstan	4	0.10%
Spine (incl. trauma)	4		Knee osseous	3		Lebanon	3	0.08%
Trauma lower limb	4		Shoulder/elbow, arm/forearm	3		Bangladesh	2	0.05%
Hand and wrist	3		Sports / Knee soft-tissue	3		Ecuador	2	0.05%
General Orthopaedics / complications / basic science / technology	2		Hand and wrist	1		Estonia	2	0.05%
Osteoporosis	2		Osteoporosis	1		Kosovo	2	0.05%
Tribology	2		Pain control / rehabilitation and non-surgical management	1		Latvia	2	0.05%
Polytrauma / Pelvis	1		Polytrauma / Pelvis	1		Malta	2	0.05%
			Spine (incl. trauma)	1		Republic of Moldova	2	0.05%
						United Arab Emirates	2	0.05%
						Azerbaijan	1	0.03%
						Iceland	1	0.03%
						Indonesia	1	0.03%
						Iraq	1	0.03%
						Jordan	1	0.03%
						Martinique	1	0.03%
						Qatar	1	0.03%
						Saudi Arabia	1	0.03%
						United States Minor Outlying Islands	1	0.03%
Austria Total	74	1.86%	Romania Total	61	1.53%			
Denmark			Netherlands	52	1.31%	Overall Total		
Hip	14		India	41	1.03%	3979	100%	
Knee osseous	10		Egypt	40	1.01%			
Trauma lower limb	9		Ireland	36	0.90%			
Paediatrics	7		Norway	32	0.80%			
Nurse	7		Poland	32	0.80%			
General Orthopaedics / complications / basic science / technology	4		Sweden	32	0.80%			
Bone and joint tumours	3		Islamic Republic of Iran	29	0.73%			
Pain control / rehabilitation and non-surgical management	2		Canada	28	0.70%			
Trauma upper limb	2		Argentina	26	0.65%			
Foot/ankle/leg	1		Australia	26	0.65%			
Hand and wrist	1		Serbia	25	0.63%			
Polytrauma / Pelvis	1		Chile	22	0.55%			
Shoulder/elbow, arm/forearm	1		Czech Republic	21	0.53%			
Spine (incl. trauma)	1		Russian Federation	21	0.53%			
			Croatia	19	0.48%			
			Singapore	19	0.48%			
			Thailand	18	0.45%			
			Finland	15	0.38%			
			Belgium	14	0.35%			
			Israel	13	0.33%			
			Bulgaria	12	0.30%			
			Slovenia	12	0.30%			
			Ukraine	12	0.30%			
			Belarus	10	0.25%			
			Brazil	10	0.25%			
			Pakistan	9	0.23%			
Denmark Total	63	1.58%						

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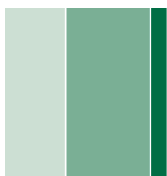
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Welcome

to the 14th EFORT Congress in Istanbul!

Wednesday 5 June 2013

Opening and Award Ceremony

12.00 - 13.00, Auditorium Paris

Welcome from the Local Chairman and the EFORT President

The South Latin American Association of Orthopaedics and the Brazilian Society of Orthopaedics and Traumatology as Invited Nations

Award Ceremony

Welcome Reception

starting at 18.30, Auditorium Paris

"The origin of science in Ionia"

Prof. Celal Sengör, Turkey

A colourful and captivating view on science

Shaman Dance Theatre

Dance, music, rhythm, and theater. A highly energetic and original show promoting Turkish cultural diversity all around the world.

Cocktail reception

Instructional Course

Basel, Switzerland

15 & 16 November 2013



Osteoarthritis: Joint preserving surgery (JPS) of the lower extremity

- Joint preserving surgery around the hip
- Joint preserving surgery around the knee
- Joint preserving surgery around the ankle

Hands-on Workshops:

- Hip: Osteotomies, arthroscopy, impingement surgery, chondral repair
- Knee: Osteotomies, arthroscopy, chondral repair, ligament repair
- Ankle/Hindfoot: Osteotomies, arthroscopy, chondral repair, ligament repair

Room	Paris	Munich	Barcelona	Brussels	Helsinki	Lisbon
Time						
09:00		Painful knee after TKA Knee osseous Symposium	Periprosthetic fractures in the lower limb Trauma lower limb Symposium	Posttraumatic and chronic conditions pelvis and acetabulum Polytrauma/Pelvis Speciality Session ESPA	Shoulder prosthetics Shoulder/elbow, arm/ forearm Free Paper Session	Distal radius fractures Hand and wrist Free Paper Session
09:15						
09:30						
09:45						
10:00						
10:15	Break – Visit of the industry exhibition					
10:30						
10:45		Early OA in the knee from conservative to surgical treatment Knee osseous Instructional Lecture	Management of proximal tibial fractures Trauma lower limb Instructional Lecture	Clinical Cases: Trauma General education Clinical Cases	Fractures around the shoulder and elbow Shoulder/elbow, arm/forearm Complex case discussion	The forearm joint Hand and wrist Instructional Lecture
11:00						
11:15						
11:30						
11:45						
12:00	Opening & Award Ceremony – Paris Auditorium					
12:15						
12:30						
12:45						
13:00		Cement Session – Contem- porary revision techniques: Modern infection manage- ment in joint arthroplasty Hip Industry Symposium Biomet			Balancing evidence and innovation in THA Hip Industry Symposium Stryker	Periprosthetic fractures solutions – a result of 10 years NCB evolution Polytrauma/Pelvis Industry Symposium Zimmer GmbH
13:15						
13:30						
13:45						
14:00						
14:15		TKA – Perioperative considerations Knee osseous Free Paper Session	Injuries around the elbow Trauma upper limb Free Paper Session	Surgical treatment of pelvic fractures Polytrauma/Pelvis Instructional Lecture	Shoulder – Miscellaneous Shoulder/elbow, arm/ forearm Free Paper Session	Carpal tunnel syndrome Hand and wrist Free Paper Session
14:30						
14:45						
15:00						
15:15						
15:30	Break – Visit of the industry exhibition					
15:45						
16:00		Osteotomies around the knee Knee osseous Free Paper Session	Humerus fractures Trauma upper limb Free Paper Session	Management of com- plications in proximal femoral fracture Trauma lower limb Symposium	The evidence of navigati- on in knee surgery General Orthopaedics / complications / basic science / technology Symposium	Distal radius fractures Hand and wrist Speciality Session FESSH/EWAS
16:15						
16:30						
16:45						
17:00						
17:15	BREAK					
17:30		UNI knee arthroplasty from primary to revision surgery Knee osseous Instructional Lecture	Classification and algorithm of treatment for proximal humeral fractures Trauma upper limb Instructional Lecture	Shoulder girdle / clip radius Trauma upper limb Free Paper Session	New trends in shoulder arthroplasty Shoulder/elbow, arm/forearm Instructional Lecture	
17:45						
18:00						
18:15						
18:30						
Welcome Reception for delegates and registered accompanying persons – Paris Auditorium & Foyer B2						

 GENERAL ORTHOPAEDICS	 UPPER LIMB	 LOWER LIMB	 SPINE	 TRAUMA/ POLYTRAUMA	 PAEDIATRICS	 GENERAL EDUCATION
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Florence	Nice	Vienna	Madrid	Copenhagen	Berlin	Room		
						Time		
Orthopaedic management in patients with haemophilia General Orthopaedics / complications / basic science / technology Symposium	What is the current status of Metal-on-Metal hip replacement Hip Speciality Session EORS	Preoperative evaluation and management of patients with osteoarthritis of the spine, hip and knee Spine (incl. trauma) Symposium	Technical aspects of Total Hip Arthroplasty in DDH Hip Symposium	Supracondylar fractures of the elbow in children: Still a challenging problem? Paediatrics Symposium	Status of the art: Lower limb reconstruction in orthopaedic oncology Bone and joint tumours Symposium	09:00		
						09:15		
						09:30		
						09:45		
						10:00		
Break – Visit of the industry exhibition						10:15		
						10:30		
Clinical Cases: Basic sciences General Orthopaedics / complications / basic science / technology Clinical Cases	The evidence for medical treatment for tertiary prophylaxis of osteoporosis Osteoporosis Instructional Lecture	Conservative versus surgical treatment of thoracolumbar junction burst fractures Spine (incl. trauma) Debate forum	Treatment of early and late infection following THA Hip Instructional Lecture	Flexible flat foot in children – to operate or not to operate? Paediatrics Debate forum	Tumour 1 Bone and joint tumours Free Paper Session	11:00		
						11:15		
						11:30		
						11:45		
Opening & Award Ceremony – Paris Auditorium						12:00		
						12:15		
						12:30		
						12:45		
The osteoporotic tsunami: Trends in geriatric fracture prevention and fixation Osteoporosis Industry Symposium DePuy Synthes & Eli Lilly	Open tibia fractures: Reducing the frequency of revisions Trauma lower limb Industry Symposium Medtronic	Treatment of high energy injuries – Key priorities for intervention Trauma lower limb Industry Symposium Orthofix	Journey “Normal is exceptional” Sports / Knee soft-tissue Industry Symposium Smith & Nephew			13:00		
						13:15		
						13:30		
						13:45		
						14:00		
Osteoarthritis hip and knee General Orthopaedics / complications / basic science / technology Free Paper Session	Antimicrobial treatment in wounds Hip Speciality Session EWMA	Treatment of ageing spine Spine (incl. trauma) Instructional Lecture	Femoral neck vascularity and head necrosis Hip Free Paper Session	DDH: Before walking age Paediatrics Interactive Expert Exchange	Surgical treatment of soft tissue sarcoma Bone and joint tumours Instructional Lecture	14:30		
						14:45		
						15:00		
Break – Visit of the industry exhibition						15:15		
						15:30		
FORTE session General education Speciality Session FORTE	Nurse session General education Nurse Session Programme on page 53	Degenerative conditions Spine (incl. trauma) Free Paper Session	Hip arthroplasty: Technique 1 Hip Free Paper Session	DDH: Residual deformities Paediatrics Interactive Expert Exchange	Prostheses and infection in arthritis patients Infection Speciality Session ERASS	15:45		
						BREAK		16:00
								16:15
								16:30
				16:45				
				17:00				
				17:15				
		BREAK						17:30
				Management of complications in Spine Surgery Spine (incl. trauma) Complex case discussion	Risk factors and treatment of dislocations of the THA Hip Instructional Lecture	Registration required	Tumour 2 Bone and joint tumours Free Paper Session	17:45
								18:00
				18:15				
						18:30		
Welcome Reception for delegates and registered accompanying persons – Paris Auditorium & Foyer B2								

09:00 – 10:30

Knee osseous

SYMPOSIUM	PAINFUL KNEE AFTER TKA	Room Munich
09.00–10.30	Organiser: Sur, Hakki (Turkey)	

The painful TKA: causes and diagnostic algorithm for failure analysis
Speaker: Hofmann, Siegfried (Austria)

Painful instability
Speaker: Victor, Jan (Belgium)

Malalignment of the components and pain after TKA
Speaker: Hernigou, Philippe (France)

Anterior knee pain after TKA
Speaker: Sur, Hakki (Turkey)

Trauma lower limb

SYMPOSIUM	PERIPROSTHETIC FRACTURES IN THE LOWER LIMB	Room Barcelona
09.00–10.30	Organiser: Bégué, Thierry (France)	

Revision arthroplasty with long stems in periprosthetic fractures
Speaker: Macheras, George (Greece)

Total femoral replacement in periprosthetic fractures
Speaker: Stöckl, Bernd (Austria)

Clinical outcomes after periprosthetic fractures around the hip
Speaker: Zuurmond, Rutger (Netherlands)

Influence of fracture type for the choice of osteosynthesis in PFF
Speaker: Haas, Norbert (Germany)

ESPA – European Society of Pelvic and Acetabular Surgery



Polytrauma/Pelvis

SPECIALITY SESSION	POSTTRAUMATIC AND CHRONIC CONDITIONS PELVIS AND ACETABULUM	Room Brussels
09.00–10.30	Moderators: Pohlemann, Tim (Germany), Giannoudis, Peter (United Kingdom)	

Insufficiency fractures posterior pelvis ring – increasing importance in an aging population
Speaker: Rommens, Pol Maria (Germany)

Symphysis pubis in athletes – Standardized diagnostics and novel treatment strategies
Speaker: Hopp, Sascha (Germany)

Chronic and postpartal SI-joint pain/degeneration – Assessment, treatment options and surgical fusion techniques
Speaker: Giannoudis, Peter (United Kingdom)

Early and late avulsion injuries around the pelvis – Assessment, decision making and treatment
Speaker: Oransky, Michele (Italy)

Posttraumatic Acetabular Cartilage damage – Hip preservation techniques
Speaker: Pohlemann, Tim (Germany)

09:00 – 10:30

Shoulder/elbow, arm/forearm

FREE PAPER SHOULDER PROSTHETICS Room Helsinki

09.00–10.30 Moderators: Moro, Fabrizio (Switzerland), Demirhan, Mehmet (Turkey)

Evaluation of intra-operative contact forces experienced on trialing components during RSA

Authors: Schmidig, Gregg / Nelson, Andrew / McGovern, Michael / Scholl, Laura / Thakore, Mayur

Speaker: Thakore, Mayur (United States)

Comparison of clinical metric scores evaluating outcomes in reverse shoulder arthroplasty

Authors: Flurin, Pierre Henri / Wright, Thomas / Zuckerman, Joseph / Christensen, Matt / Johnson, Diane / Roche, Chris / Marczuk, Yann

Speaker: Marczuk, Yann (France)

Short stem shoulder prosthesis – Results of a European multicentre study

Authors: Joudet, Thierry / Kelly, Cormac / Nyffeler, Richard / Irlenbusch, Ulrich / Pap, Géza

Speaker: Pap, Géza (Germany)

Clinical outcome of reverse total shoulder arthroplasty combined with latissimus dorsi transfer

Authors: Catanzaro, Sabrina / Gerber, Christian / Puskas, Gabor

Speaker: Puskas, Gabor (Switzerland)

Glenoid fixation using two different reverse shoulder designs with an equivalent center of rotation in a low and high density bone substitute

Authors: Stroud, Nick / Martin, Brian / Flurin, Pierre Henri / Zuckerman, Joseph / Marczuk, Yann / Steiler, Cindy / Roche, Chris / Wright, Thomas

Speaker: Wright, Thomas (United States)

Clinical outcome of revision surgery for failed humeral head replacement following shoulder trauma

Authors: Beckles, Verona / Lambert, Simon / Uri, Ofir

Speaker: Uri, Ofir (United Kingdom)

Revision shoulder arthroplasty for failed surface replacement

Authors: Malhotra, Akshay / Hay, Stuart / Kelly, Cormac / Jaiswal, Anuj

Speaker: Jaiswal, Anuj (United Kingdom)

The outcome of revision shoulder arthroplasty using an inverse design: What can we expect?

Authors: Blocher, Martina / Tauber, Mark / Matis, Nicholas / Resch, Herbert / Ortmaier, Reinhold

Speaker: Ortmaier, Reinhold (Austria)

Comparison of scapula bone removal when correcting a posterior defect using 3 different glenoid prosthesis designs

Authors: Wright, Thomas / Marczuk, Yann / Zuckerman, Joseph / Diep, Phong / Greene, Alex / Roche, Chris / Flurin, Pierre Henri

Speaker: Flurin, Pierre Henri (France)

Hand and wrist

FREE PAPER DISTAL RADIUS FRACTURES Room Lisbon

09.00–10.30 Moderators: Kopylov, Philippe (Sweden), Luchetti, Riccardo (Italy)

Reliability and reproducibility of classifications for distal radius fractures

Authors: Kumbaraci, Mert / Gunay, Huseyin / Levent, Karapinar / Orman, Mehmet / Ozdemir, Oguz / Kucuk, Levent

Speaker: Kucuk, Levent (Turkey)

Utility of the sonographic evaluation of pronator quadratus muscle in occult bone injury following trauma

Authors: Takeda, Mitsuhiro / Ishii, Yoshinori / Noguchi, Hideo / Sato, Junko

Speaker: Sato, Junko (Japan)

Comparison of polyaxial and uniaxial locking systems for the treatment of distal radius fractures

Authors: Chou, Daud / Hambidge, John / Al-Mouazzen, Louay

Speaker: Al-Mouazzen, Louay (United Kingdom)

The 'carpal shoot through view': Identification of dorsal screw penetration during volar locking plate fixation of distal radius fractures

Authors: Sauvé, Phillip / Hobbs, Chris / Marsland, Daniel

Speaker: Marsland, Daniel (United Kingdom)

09:00 – 10:30

Intraoperative radial groove view to prevent complications of extensor pollicis longus tendon by prominent screw following after volar plating for distal radius fractures

Authors: Lee, Sang Ki
Speaker: Lee, Sang Ki (Korea, Republic of)

Wrist denervation of the posterior interosseous nerve through a volar approach: A new technique with anatomical considerations

Authors: Dreu, Manuel / Dolcet, Claudia / Sadoghi, Patrick / Grechenig, Stephan / Champion, Miranda / Grechenig, Wolfgang / Lidder, Surjit
Speaker: Lidder, Surjit (United Kingdom)



Have the results improved after distal radius fracture? The one-year DASH subjective outcome score between 2002–2010

Authors: Kopylov, Philippe / Abramo, Antonio / Tägil, Magnus / Landgren, Marcus
Speaker: Landgren, Marcus (Sweden)

Functional outcomes in distal radius fracture research: Which instrument should we use? A systematic review on measurement properties using COSMIN

Authors: Kleinlugtenbelt, Y. V. / Poolman, Rudolf / Scholtes, V. A. / Nienhuis, R. W.
Speaker: Nienhuis, R. W. (Netherlands)

Perioperative factors affecting patient reported functional outcomes post internal fixation of distal radius fractures

Authors: Chennagiri, Ramesh / Graham, Alastair / Bakti, Nik
Speaker: Bakti, Nik (United Kingdom)

General Orthopaedics / complications / basic science / technology

SYMPOSIUM

ORTHOPAEDIC MANAGEMENT IN PATIENTS WITH HAEMOPHILIA

Room Florence

09.00–10.30

Organiser: Aydogdu, Semih (Turkey)

Conservative or surgical management: how to decide?

Speaker: Seuser, Axel (Germany)

Isotops inside the joints: how and how long do they work?

Speaker: Aydogdu, Semih (Turkey)

Surgery around the joints: From synovia to the bone

Speaker: Kiliçoglu, Önder (Turkey)

Arthroplasty issues: good, better and the worst.

Speaker: Solimeno, Luigi (Italy)

EORS – European Orthopaedic Research Society



Hip

SPECIALITY
SESSION

WHAT IS THE CURRENT STATUS OF METAL-ON-METAL HIP REPLACEMENT

Room Nice

09.00–10.30

Moderators: Blom, Ashley (United Kingdom), Gill, Richie (United Kingdom)

An Update on Metal-on-Metal from the National Joint Registry of England and Wales.

Speaker: Blom, Ashley (United Kingdom)

Frictional Consequences of Using Large Diameter THR Bearings.

Speaker: Morlock, Michael (Germany)

What are the Underlying Reasons for Soft Tissue Reaction?

Speaker: Gill, Richie (United Kingdom)

Metal-on-Metal in the Netherlands: A Perspective from the Dutch Orthopaedic Society.

Speaker: Verheyen, Cees (Netherlands)

Why there is a Continuing Role for Metal-on-Metal in Hip Replacement.

Speaker: Girard, Julien (France)



09:00 - 10:30

Spine (incl. trauma)

SYMPOSIUM PREOPERATIVE EVALUATION AND MANAGEMENT OF PATIENTS WITH OSTEOARTHRITIS OF THE SPINE, HIP AND KNEE **Room Vienna**

09.00-10.30

Organiser: Hamzaoglu, Azmi (Turkey)

Importance of sagittal balance in patients with osteoarthritis of spine, hip and knee and its impact on surgical treatment

Speaker: Oner, Cumhur (Netherlands)

Spine-hip-knee syndrome. How to diagnose where pain comes from?

Speaker: Sirvanci, Mustafa (Turkey)

Osteoarthritis of spine, hip and knee; from arthroplasty surgeon point of view

Speaker: Gogus, Abdullah (Turkey)

Osteoarthritis of spine, hip and knee; from spinal surgeon point of view

Speaker: Oner, Cumhur (Netherlands)

Hip

SYMPOSIUM TECHNICAL ASPECTS OF TOTAL HIP ARTHROPLASTY IN DDH **Room Madrid**

09.00-10.30

Organiser: Tözun, Ismail Remzi (Turkey)

Surgical approaches and soft tissue releases/balancing in THA

Speaker: Karachalios, Theofilos (Greece)

Placement and fixation acetabular component

Speaker: Binazzi, Roberto (Italy)

Femoral shortening and choice of femoral component

Speaker: Sener, Nadir (Turkey)

Perioperative complications and solutions

Speaker: Togrul, Emre (Turkey)

Paediatrics

SYMPOSIUM SUPRACONDYLAR FRACTURES OF THE ELBOW IN CHILDREN: STILL A CHALLENGING PROBLEM? **Room Copenhagen**

09.00-10.30

Organisers: Ağuş, Haluk (Turkey), Cassiano Neves, Manuel (Portugal)

Introduction: Clinical evaluation and diagnosis: Image evaluation

Speaker: Cassiano Neves, Manuel (Portugal)

Common Pitfalls: Evaluation of the reduction on x-ray, methods of reduction, factors affecting the stability

Speaker: Ramachandran, Manoj (United Kingdom)

Conservative treatment methods

Speaker: Odat, Mahmoud M. (Jordan)

How to fix

Speaker: Slongo, Theddy (Switzerland)

Indications for open reduction

Speaker: Wirth, Thomas (Germany)

Management of complicated supracondylar fracture

Speaker: Ağuş, Haluk (Turkey)

Late complications of supracondylar fractures

Speaker: Cassiano Neves, Manuel (Portugal)

Discussion & closing remarks

Speaker: Ağuş, Haluk (Turkey)

09:00 – 10:30

Bone and joint tumours

SYMPOSIUM STATUS OF THE ART: LOWER LIMB RECONSTRUCTION IN ORTHOPAEDIC ONCOLOGY Room Berlin

09.00–10.30 Organiser: Windhager, Reinhard (Austria)

Biological reconstruction
Speaker: Ruggieri, Pietro (Italy)

Endoprosthetic replacement
Speaker: Funovics, Philipp (Austria)

Pelvic reconstruction
Speaker: Grimer, Robert (United Kingdom)

Growing prosthesis
Speaker: Cannon, Stephen (United Kingdom)

11:00 – 12:00

Knee osseous

INSTRUCTIONAL LECTURE EARLY OA IN THE KNEE FROM CONSERVATIVE TO SURGICAL TREATMENT Room Munich

11.00–12.00 Moderator: Doral, Mahmut Nedim (Turkey) / Engebretsen, Lars (Norway)

Trauma lower limb

INSTRUCTIONAL LECTURE MANAGEMENT OF PROXIMAL TIBIAL FRACTURES Room Barcelona

11.00–12.00 Moderator: Bégué, Thierry (France)

Speaker: Garnavos, Christos (Greece)

General education

CLINICAL CASES CLINICAL CASES: TRAUMA Room Brussels

11.00–12.00 Moderators: Kinik, Hakan (Turkey) / Muñoz Vives, Josep María (Spain)

Delayed operative treatment of clavicle fractures and an association with brachial plexus injury
Authors: Singh, Vinay / Singh, Jagwant / Fox, Michael / Jeyaseelan, Luckshmana
Speaker: Jeyaseelan, Luckshmana (United Kingdom)

Abnormal distribution of Median nerve during an ORIF of distal radius fracture
Authors: Kerr, Gregor / Suzangar, Mehdi
Speaker: Suzangar, Mehdi (United Kingdom)

Vascular injury secondary to low-energy pelvic fracture
Authors: Anania, Andres / Ortega, Jorge / Sabatella, Carlos / Diaz, Ramiro
Speaker: Diaz, Ramiro (Argentina)

The first described case of an atypical femoral peri-prosthetic fracture secondary to bisphosphonate use
Authors: Blake, Stephen / Awad, Ashraf
Speaker: Awad, Ashraf (United Kingdom)

How to salvage an intraoperative femur fracture occurred during application of a motorised lengthening nail
Authors: Seker, Ali / Kanar, Muharrem / Eren, Osman / Sezer, Hasan Basri / Armagan, Raffi
Speaker: Armagan, Raffi (Turkey)

Brachial artery embolism: A very rare complication following non-union of a midshaft clavicle fracture
Authors: Charalambous, Charalambos / Perricone, Vittorio / Burgess, Elizabeth / Sangers, Bheem / Hassan, Syed
Speaker: Hassan, Syed (United Kingdom)

11:00 – 12:00

Shoulder/elbow, arm/forearm

COMPLEX CASE DISCUSSION **FRACTURES AROUND THE SHOULDER AND ELBOW** Room Helsinki
 11.00–12.00 **Organiser: Sanderhoff Olsen, Bo (Denmark)**

Treatment of cavitas fractures and scapula fractures
 Speaker: Moro, Fabrizio (Switzerland)

Treatment of fractures of the proximal humerus
 Speaker: Adolfsson, Lars (Sweden)

Treatment of fractures of the distal humerus
 Speaker: Stanley, David (United Kingdom)

Treatment of fracture dislocations of the elbow
 Speaker: Belling Sørensen, Anne Kathrine (Denmark)

Hand and wrist

INSTRUCTIONAL LECTURE **THE FOREARM JOINT** Room Lisbon
 11.00–12.00 **Moderator: Szabó, Zsolt (Hungary)**

Speaker: Dumontier, Christian (France)

General Orthopaedics / complications / basic science / technology

CLINICAL CASES **CLINICAL CASES: BASIC SCIENCES** Room Florence
 11.00–12.00 **Moderators: Gómez Barrera, Enrique (Spain), Overgaard, Søren (Denmark)**

Low energy femoral shaft fractures after long term alendronate therapy. A report of 6 cases
 Authors: Papagelopoulos, Panagiotis / Karamanis, Eirinaios / Mavrogenis, Andreas / Kokkalis, Zinon / Stavropoulos, Nikolaos / Ballas, Efstathios
 Speaker: Stavropoulos, Nikolaos (Greece)

Finger foot phalanx metastasis revealing occult pulmonary adenocarcinoma
 Authors: Parchi, Paolo / Lisanti, Michele / Andreani, Lorenzo / Piolanti, Nicola
 Speaker: Andreani, Lorenzo (Italy)

Ewing sarcoma on phalanx of the finger of a hand in an infant: Two cases
 Authors: Bianco, Daniel / Llaurodo, Marta / Cavanilles, José María / Iborra, Miquel / Matas, Mariano / Alberti, Gloria / Ramos, Luis / Yáñez, Federico
 Speaker: Yáñez, Federico (Spain)

Brown tumor of talus: A case presentation
 Authors: Sever, Cem / Seker, Ali / Eren, Osman / Sezer, Hasan Basri / Armagan, Raffi
 Speaker: Armagan, Raffi (Turkey)

A case report of Anterior Cruciate Ligament complicated by Pyoderma Gangrenosum
 Authors: Smith, J. / Geutjens, G. / Bagouri, Elmunzar
 Speaker: Bagouri, Elmunzar (United Kingdom)

Case report: Unnecessary arthroplasty avoided by cessation of statin therapy
 Authors: Chambers, Simon / Brewster, Nigel / Partridge, Thomas
 Speaker: Partridge, Thomas (United Kingdom)

Osteoporosis

INSTRUCTIONAL LECTURE **THE EVIDENCE FOR MEDICAL TREATMENT FOR TERTIARY PROPHYLAXIS OF OSTEOPOROSIS** Room Nice
 11.00–12.00 **Moderator: Dreinhöfer, Karsten (Germany)**

Speaker: Brixen, Kim (Denmark)

11:00 – 12:00

Spine (incl. trauma)

DEBATE FORUM CONSERVATIVE VERSUS SURGICAL TREATMENT OF THORACOLUMBAR JUNCTION BURST FRACTURES Room Vienna
11.00–12.00

Organiser: Berk, Haluk (Turkey)

Conservative management

Speaker: Alanay, Ahmet (Turkey)

Surgical management

Speaker: Kandziora, Frank (Germany)

Hip

INSTRUCTIONAL LECTURE TREATMENT OF EARLY AND LATE INFECTION FOLLOWING THA Room Madrid
11.00–12.00 Moderator: Wirtz, Dieter (Germany)

Speaker: Cordero-Ampuero, José (Spain)

Paediatrics

DEBATE FORUM FLEXIBLE FLAT FOOT IN CHILDREN – TO OPERATE OR NOT TO OPERATE? Room Copenhagen
11.00–12.00 Organiser: Krauspe, Rüdiger (Germany)

Flexible flat foot: Do not operate

Speaker: Böhm, Stephanie (Sweden)

Flexible flat foot: Perfect results after operative treatment

Speaker: de Pellegrin, Maurizio (Italy)

Bone and joint tumours

FREE PAPER TUMOUR 1 Room Berlin
11.00–12.00 Moderators: Hiz, Murat (Turkey), Jäger, Marcus (Germany)

Angle stable intramedullary polymer for rapid stabilization of pathological fractures of the upper limb

Authors: Gick, Sascha / Pennig, Dietmar / Heck, Steffen

Speaker: Heck, Steffen (Germany)

Massive endoprosthetic replacement for bone metastases resulting from renal cell carcinoma: factors associated with patient survival

Authors: Nandra, Rajpal / Grimer, Robert / Hwang, Nicholas

Speaker: Hwang, Nicholas (United Kingdom)

Histone deacetylase inhibitors as potential therapeutic targets for chordomas: An immunohistochemical and functional analysis

Authors: Lohberger, Birgit / Froehlich, Elke / Rinner, Beate / Beham, Alfred / Quehenberger, Franz / Varga, Peter / Kaltenecker, Heike / Haybaeck, Johannes / Leithner, Andreas / Liegl, Bernadette / Scheipl, Susanne

Speaker: Scheipl, Susanne (Austria)

Adequate assessment and appropriate referral in metastatic bone disease

Authors: Sharma, Rajeev / Bhaskar, Deepu / Rudd, Pandora

Speaker: Rudd, Pandora (United Kingdom)

Capabilities and limitations of fDG PET/CT for monitoring soft tissue tumors

Authors: Takada, Jun / Oebisu, Naoto / Nakamura, Hiroaki / Hoshi, Manabu

Speaker: Hoshi, Manabu (Japan)

Postoperative infection after reconstruction using liquid nitrogen treated tumor-bearing bone

Authors: Shirai, Toshiharu / Nishida, Hideji / Hayashi, Katsuhiro / Tanzawa, Yoshikazu / Kimura, Hiroaki / Takeuchi, Akihiko / Igarashi, Kentaro / Kato, Takashi / Tsuchiya, Hiroyuki / Shimozaki, Shingo / Yamamoto, Norio

Speaker: Yamamoto, Norio (Japan)

14:30 – 15:30

Knee osseous

FREE PAPER **TKA – PERIOPERATIVE CONSIDERATIONS** **Room Munich**

14.30–15.30 **Moderators: Murray, David (United Kingdom), Thienpont, Emmanuel (Belgium)**

Standards for the Oxford knee score following total and unicompartmental knee replacement

Authors: Robb, Curtis / Pynsent, Paul / Matharu, Gulraj

Speaker: Matharu, Gulraj (United Kingdom)

The new knee society score: Clinimetric quality in TKA patients

Authors: Heyligers, I. / Grimm, B. / Senden, R. / Dinjens, R.

Speaker: Dinjens, R. (Netherlands)

Pre-operative radiographic classification of arthritis effecting the knee and long term outcomes following Total Knee Arthroplasty

Authors: Curran, Dominic / Ballantyne, James / Stone, Oliver

Speaker: Stone, Oliver (United Kingdom)

Poorer outcomes of Total Knee Replacement in early radiological stages of osteoarthritis

Authors: McLauchlan, George / Childs, James / Peck, Christopher

Speaker: Peck, Christopher (United Kingdom)

Bilateral Total Hip and Knee Arthroplasty. A nationwide study

Authors: Jørgensen, Christoffer / Husted, Henrik / Kehlet, Henrik / Lindberg-Larsen, Martin

Speaker: Lindberg-Larsen, Martin (Denmark)

Influence of preoperative psychological distress in pain, function and quality of life after Total Knee Arthroplasty

Authors: De la Torre-Escuredo, Basilio / Asúnsolo-Del Barco, Ángel / Utrillas-Compaired, Alfonso

Speaker: Utrillas-Compaired, Alfonso (Spain)

Trauma upper limb

FREE PAPER **INJURIES AROUND THE ELBOW** **Room Barcelona**

14.30–15.30 **Moderators: Kiss, Jenő (Hungary), Aktuglu, Kemal (Turkey)**

Results in 105 paediatric lateral humeral condyle fractures treated with open reduction internal fixation

Authors: Pagkalos, Joseph / Lepetsos, Panagiotis / Antonis, Konstantinos / Flieger, Ioannis / Tsiridis, Eleftherios / Leonidou, Omiros / Graham, Simon / Leonidou, Andreas

Speaker: Leonidou, Andreas (United Kingdom)

Terrible triad of the elbow. Review of 18 cases

Authors: Berenguer Sánchez, Alex / Huguet Boqueras, Jordi / Valls-Mellado, Marc

Speaker: Valls-Mellado, Marc (Spain)

Anatomical preshaped olecranon plates. Are they anatomical?

Authors: Anastasopoulos, Nikolaos / Paraskevas, George / Kiriakidis, Anastasios / Natsis, Konstantinos / Koebke, Juergen / Totlis, Trifon

Speaker: Totlis, Trifon (Greece)

The management of comminuted Mason type 3 radial head fractures with open reduction and internal fixation: A case series

Authors: Krkovic, Matija / Hill, Christopher

Speaker: Hill, Christopher (United Kingdom)

Fixation of olecranon fractures and osteotomies using compression screws: A report of 9 cases

Authors: Khan, Wasim / Grimes, Lisa / Schenk, Willem / Haddad, Behrooz

Speaker: Haddad, Behrooz (United Kingdom)

Simple elbow dislocations: Management, direct medical cost and clinical outcome

Authors: Morell, D. / Kanakaris, Nikolaos / Tan, H. / Giannoudis, Peter / Panteli, Michalis

Speaker: Panteli, Michalis (United Kingdom)

14:30 – 15:30

Polytrauma/Pelvis

INSTRUCTIONAL LECTURE SURGICAL TREATMENT OF PELVIC FRACTURES

Room Brussels

Moderator: Stöckle, Ulrich (Germany)

14.30–15.30

Speaker: Lindahl, Jan Erik (Finland)

Shoulder/elbow, arm/forearm

FREE PAPER SHOULDER – MISCELLANEOUS

Room Helsinki

14.30–15.30

Moderators: Miozzari, Hermes (Switzerland), Atalar, Ata Can (Turkey)

Progressive displacement after clavicle fracture: Prospective observational study

Authors: Jacobson, Aaron / Cole, Peter / Gauger, Erich

Speaker: Gauger, Erich (United States)

New radiographic index for the adequate diagnosis of posterior acromioclavicular joint dislocations

Authors: Villalon, Ignacio / Vaisman, Alex

Speaker: Vaisman, Alex (Chile)

Isolated Latissimus Dorsi transfer to restore shoulder external rotation in adults with brachial plexus injury

Authors: Fox, Michael / Ghosh, Subhajit

Speaker: Ghosh, Subhajit (United Kingdom)

Chitosan fibre scaffold for tendon tissue engineering and repair in shoulder surgery

Authors: Aibibu, Dilbar / Farack, Jana / Gelinsky, Michael / Kasten, Philip / Nowotny, Joerg

Speaker: Nowotny, Joerg (Germany)

Anatomic study of the relationship between the transferred muscle and the musculocutaneous nerve after a pectoralis mayor transfer

Authors: Diaz Heredia, Jorge / Murillo González, Jorge / Ávila Lafuente, José / Cuéllar, Ricardo / Sastre, Sergi / Ruiz Iban, Miguel

Speaker: Ruiz Iban, Miguel (Spain)

Influence of temperature on the biomechanical stability of titanium, PEEK, PLLA and β -TCP-PLLA suture anchors tested on human humeri in-vitro in a wet environment

Authors: Mazur, Alexandra / Schröder, Christian / Rossbach, Björn / Ficklscherer, Andreas / Jansson, Volkmar / Müller, Peter / Pietschmann, Matthias / Gülecyyüz, Mehmet

Speaker: Gülecyyüz, Mehmet (Germany)

Hand and wrist

FREE PAPER CARPAL TUNNEL SYNDROME

Room Lisbon

14.30–15.30

Moderators: Kopylov, Philippe (Sweden), Zammit, Jason (Malta)

A study into the use of MRI scans of the cervical spine in the investigative process of those with suspected carpal tunnel syndrome: A retrospective cohort study

Authors: El-Husseiny, Moataz / Levack, Brian / Khalfaoi, Mahdi

Speaker: Khalfaoi, Mahdi (United Kingdom)

Methylprednisolone injection for moderately severe carpal tunnel syndrome: Randomized double-blind placebo-controlled trial

Authors: Flondell, Magnus / Hofer, Manfred / Ranstam, Jonas / Atroshi, Isam

Speaker: Atroshi, Isam (Sweden)

Proximal extension of the flexor retinaculum: A cadaveric study

Authors: Chan, Francis / Pinto, Narendra / Weerasuriya, Thisara

Speaker: Weerasuriya, Thisara (United Kingdom)

Minimally invasive one millimeter approach ultrasound guided carpal tunnel release: External pilot study

Authors: Capa Grasa, Alberto / Villanueva Martínez, Manuel / Rodríguez Maruri, Guillermo / Chana, Francisco / Vaquero Martín, Javier / De las Heras, Julio / Rojo Manaute, José

Speaker: Rojo Manaute, José (Spain)

Minimally invasive one millimeter approach ultrasound guided carpal tunnel release: Anatomic study

Authors: Capa Grasa, Alberto / Villanueva Martinez, Manuel / Chana, Francisco / Rodriguez Maruri, Guillermo / Vaquero Martin, Javier / De las Heras, Julio / Rojo Manaute, José
Speaker: Rojo Manaute, José (Spain)

Can incomplete NCS be gold standard for CTS?

Authors: Kanvinde, Raghunandan / Sans, Roberto / Kubaitis, Viktoras
Speaker: Kubaitis, Viktoras (United Kingdom)

General Orthopaedics / complications / basic science / technology

FREE PAPER

OSTEOARTHRITIS HIP AND KNEE

Room Florence

14.30–15.30

Moderators: Arazi, Mehmet (Turkey), Karachalios, Theofilos (Greece)

Proton magnetic resonance spectroscopy of the thalamus in patients with osteoarthritis of the hip joint

Authors: Kishida, Shunji / Nakamura, Junichi / Takahashi, Kazuhisa / Shigemura, Tomonori
Speaker: Shigemura, Tomonori (Japan)

Secretion of interleukin 1 – beta, adiponectin and leptin in chondrocytes and synovial fibroblasts from knees with osteoarthritis and Anterior Cruciate Ligament deficiency

Authors: Markuszewski, Jacek / Wierusz-Kozłowska, Malgorzata / Kokoszka, Pawel / Malendowicz, Ludwik / Ziółkowska, Agnieszka / Lapaj, Lukasz
Speaker: Lapaj, Lukasz (Poland)

Role of pit-1 in In Vitro models of osteoarthritis: A new therapeutic target?

Authors: Michea, Luis / Goecke, Annelise / Martinez, Catalina / Martinez, Rafael
Speaker: Martinez, Rafael (Chile)

Intra-articular and blood lymphocyte markers and their usefulness as indicators of the earlier forms of osteoarthritis

Authors: Santos Rosa, Manuel / Fonseca, Fernando / Oliveira, João Pedro
Speaker: Oliveira, João Pedro (Portugal)

PRP injections versus viscosupplementation for early knee osteoarthritis: A randomized double-blind trial

Authors: Filardo, Giuseppe / Di Martino, Alessandro / Di Matteo, Berardo / Perdisa, Francesco / Merli, Maria Letizia / Marcacci, Maurilio / Patella, Silvio / Kon, Elizaveta
Speaker: Kon, Elizaveta (Italy)

Growth factors rich plasma-emerging management options for osteoarthritis knees

Authors: Sharma, Rakesh
Speaker: Sharma, Rakesh (India)

EWMA – European Wound Management Association



Hip

SPECIALITY
SESSION

ANTIMICROBIAL TREATMENT IN WOUNDS

Room Nice

14.30–15.30

Moderator: Gottrup, Finn

Presentation of the EWMA antimicrobial document

Speaker: Gottrup, Finn (Denmark)

Controversies and issues in the use of antimicrobial treatment of wounds

Speaker: Cooper, Rose (United Kingdom)

Evidence for the use of antimicrobial

Speaker: Apelqvist, Jan (Sweden)

14:30 – 15:30

Spine (incl. trauma)

INSTRUCTIONAL LECTURE	TREATMENT OF AGEING SPINE	Room Vienna
14.30-15.30	Moderator: Pellisé Urquiza, Ferran (Spain)	

Speaker: Aebi, Max (Switzerland)

Hip

FREE PAPER	FEMORAL NECK VASCULARITY AND HEAD NECROSIS	Room Madrid
14.30-15.30	Moderators: García-Cimbrelo, Eduardo (Spain), Beyzadeoglu, Tahsin (Turkey)	

Effect of corticosteroid in the development of osteonecrosis of the femoral head

Authors: Katada, Ryuichi / Mizuo, Keisuke / Sasaki, Mikito / Watanabe, Satoshi / Yamashita, Toshihiko / Matsumoto, Hiroshi / Nagoya, Satoshi / Okazaki, Shunichiro

Speaker: Okazaki, Shunichiro (Japan)

Quantitative transverse relaxation time (T2) mapping of asymptomatic osteonecrosis of the femoral head in systemic lupus erythematosus patients

Authors: Watanabe, Atsuya / Harada, Yoshitada / Iida, Satoshi / Nakamura, Junichi / Ohtori, Seiji / Kishida, Shunji / Takahashi, Kazuhisa / Wada, Yuichi / Yamamoto, Shinji

Speaker: Yamamoto, Shinji (Japan)

Toll-like receptor signaling pathway plays a crucial role in the pathogenesis of corticosteroid-induced osteonecrosis of the femoral head

Authors: Mizuo, Keisuke / Sasaki, Mikito / Watanabe, Satoshi / Yamashita, Toshihiko / Matsumoto, Hiroshi / Nagoya, Satoshi / Katada, Ryuichi / Okazaki, Shunichiro

Speaker: Okazaki, Shunichiro (Japan)

A minimum two-year follow-up study of concentrated autologous bone marrow aspirate transplantation (CABMAT) treatment for early stage osteonecrosis of the femoral head (ONFH)

Authors: Mishima, Hajime / Sugaya, Hisashi / Aoto, Katsuya / Li, Meihua / Yoshioka, Tomokazu / Sakai, Shinsuke / Akaogi, Hiroshi / Sakane, Masataka / Yamazaki, Masashi / Ochiai, Naoyuki / Kumagai, Hiroshi

Speaker: Kumagai, Hiroshi (Japan)

Prevalence of the acetabular dysplasia in patients with osteonecrosis who underwent Total Hip Arthroplasty

Authors: Miura, Yoko / Tamaki, Tatsuya / Shiratsuchi, Hideaki / Oinuma, Kazuhiro / Kaneyama, Ryutaku / Ueda, Yusuke

Speaker: Ueda, Yusuke (Japan)

Sartorius muscle pedicle iliac bone graft for the treatment of avascular necrosis of the femoral head

Authors: Ömeroglu, Hakan / Seber, Sinan / Köse, Nusret

Speaker: Köse, Nusret (Turkey)

Bone and joint tumours

INSTRUCTIONAL LECTURE	SURGICAL TREATMENT OF SOFT TISSUE SARCOMA	Room Berlin
14.30-15.30	Moderator: Szendrői, Miklos (Hungary)	

Speaker: Capanna, Rodolfo (Italy)

14:30 – 16:30

Paediatrics

INTERACTIVE
EXPERT
EXCHANGE

DDH: BEFORE WALKING AGE
Organisers: Graf, Reinhard (Austria), Ömeroglu, Hakan (Turkey)

Room Copenhagen

14.30–16.30

The importance of early diagnosis in DDH
Speaker: Seidl, Tamara (Germany)

The effects of newborn ultrasonographic hip screening program on therapeutic outcomes and other aspects in DDH
Speaker: Grill, Franz (Austria)

The use of abduction orthosis in DDH
Speaker: Dungal, Pavel (Czech Republic)

Closed reduction under general anesthesia before walking age in DDH
Speaker: Synder, Marek (Poland)

Open reduction before walking age in DDH
Speaker: Tümer, Yücel (Turkey)

16:00 – 17:30

Knee osseous

FREE PAPER

OSTEOTOMIES AROUND THE KNEE
Moderators: Hofmann, Siegfried (Austria), Atilla, Bülent (Turkey)

Room Munich

16.00–17.30

Tibial osteotomy for knees with medial osteoarthritis. A prospective study with 6 years follow-up
Authors: Nerhus, Tor Kjetil / Dimmen, Sigbjorn / Heir, Stig / Ekeland, Arne
Speaker: Ekeland, Arne (Norway)

Distal femoral osteotomy for knees with lateral osteoarthritis - A prospective study with 6 years follow-up
Authors: Nerhus, Tor Kjetil / Dimmen, Sigbjorn / Heir, Stig / Ekeland, Arne
Speaker: Ekeland, Arne (Norway)

Opening wedge high tibial osteotomy - The effects of body mass index on early clinical results
Authors: Wilson, Adrian / Risebury, Michael / Thomas, Neil / Brown, Matthew / Gould, Anthony / Rossiter, Nigel / Cox, George
Speaker: Cox, George (United Kingdom)

Early full weight-bearing in open-wedge high tibia valgus osteotomy: A randomized, controlled RSA trial with 2 years follow-up
Authors: Laursen, Mogens / Hansen, Thomas / Nielsen, Poul Torben / Laursen, Anders Christian
Speaker: Laursen, Anders Christian (Denmark)

A modified (retro-tubercle) opening-wedge high tibial osteotomy versus the conventional technique
Authors: Keyhani, Sohrab / Madadi, Firooz / Safdari, Farshad / Kazemi, Seyyed Morteza
Speaker: Kazemi, Seyyed Morteza (Iran, Islamic Republic of/Islamic Republic Of)

Patient reported pain, function and quality of life after high tibial osteotomy by the hemicallotasis technique: A preoperatively to 5 years follow-up study in 197 patients
Authors: Robertsson, Otto / Hjartarson, Hjörtur / Toksvig-Larsen, Sören / W-Dahl, Annette
Speaker: W-Dahl, Annette (Sweden)

The hockey stick osteotomy
Authors: Al Rawi, Maher
Speaker: Al Rawi, Maher (United Arab Emirates)

Total Knee Replacement following high tibial osteotomy versus Total Knee Replacement without high tibial osteotomy: A systematic review and Meta analysis
Authors: Anand, Sanjeev / Jennings, Andrew / Ramappa, Manjunath
Speaker: Ramappa, Manjunath (United Kingdom)

Dome osteotomy and Total Knee Arthroplasty
Authors: Montserrat Ramón, Ferran / Torres-Claramunt, Raúl / Gil González, Sergi / Guirro Castellnou, Pau / Leal Blanquet, Joan / Hinarejos Gómez, Pedro / Puig Verdí, Lluís / Sánchez-Soler, Juan Francisco
Speaker: Sánchez-Soler, Juan Francisco (Spain)

16:00 – 17:30

Trauma upper limb

FREE PAPER	HUMERUS FRACTURES	Room Barcelona
16.00–17.30	Moderators: Babst, Reto (Switzerland), Durak, Kemal (Turkey)	
	Translation between the Neer classification and the AO/OTA classification for proximal humeral fractures: Do we need to be bilingual to interpret the scientific literature? Authors: Eckardt, Henrik / Audigé, Laurent / Rolaufts, Bernd / Bahrs, Christian / Brorson, Stig Speaker: Brorson, Stig (Denmark)	
	Can we predict the outcome of displaced proximal humeral fractures? Authors: Ruiz, Aina / Santana, Fernando / Miquel, Joan / Torrens, Carlos / Alier, Albert Speaker: Alier, Albert (Spain)	
	Does fracture of the dominant shoulder has any effect on functional and quality of life outcome? Authors: Isart, Anna / Sánchez-Soler, Juan Francisco / Santana, Fernando / Puig Verdí, Lluís / Torrens, Carlos Speaker: Torrens, Carlos (Spain)	
	Comparison study of different approach (Delto-pectoral approach and Deltoid-splitting approach) for proximal humeral fractures Authors: Kim, Byoung-Gook / Kim, Jae-Hwa / Lee, Yun-Seok / Han, Suhong / Dan, Jinmyoung Speaker: Dan, Jinmyoung (Korea, Republic of)	
	Intramedullary locking nail versus angle-stable locking compression plate osteosynthesis in the treatment of two and three-part fractures of the proximal humerus in the elderly Authors: Prejbeanu, Radu / Vermesan, Dinu / Prejbeanu, Marius / Pujo, Ermir / Sarbu, Partenie / Deleanu, Bogdan Speaker: Deleanu, Bogdan (Romania)	
	Screw augmentation in locked plating of proximal humerus fractures. A biomechanical In Vitro study Authors: Scola, A. / Schmoelz, W. / Fliri, L. / Gebhard, Florian / Röderer, Götz Speaker: Röderer, Götz (Germany)	
	Is reverse shoulder arthroplasty appropriate for the treatment of proximal humeral fractures in the elderly?: A systematic review Authors: Patel, Akash / Trigkilidas, Dionysios / Modi, Chetan / Anand, Bobby / Anand, Amarjit Speaker: Anand, Amarjit (United Kingdom)	
	Minimally invasive plate osteosynthesis for humeral shaft fracture: A reproducible technique with the assistance of an external fixator Authors: Oh, Jong-Keon / Kim, Joon-Woo / Yoon, Jong-Pil / Lee, Dong-Joo / Jung, Jae-Wook / Lee, Hyun-Joo / Oh, Chang-Wug Speaker: Oh, Chang-Wug (Korea, Republic of)	
	Conservative treatment of isolated closed humeral shaft fractures using a functional brace Authors: Hambling, Ruth / Divekar, Manish / Sarkar, Saurabh Speaker: Sarkar, Saurabh (United Kingdom)	

Trauma lower limb

SYMPOSIUM	MANAGEMENT OF COMPLICATIONS IN PROXIMAL FEMORAL FRACTURE	Room Brussels
16.00–17.30	Organiser: Guerado Parra, Enrique (Spain)	
	Management of Osteosynthesis Infection Speaker: Serveev, Sergey (Russia)	
	Management of Osteosynthesis Failure Speaker: Gouin, François (France)	
	Management of Acute Joint Replacement Infection Speaker: Okçu, Güvenir (Turkey)	

16:00 – 17:30

General Orthopaedics / complications / basic science / technology

SYMPOSIUM THE EVIDENCE OF NAVIGATION IN KNEE SURGERY Room Helsinki

16.00–17.30 Organiser: Becker, Roland (Germany)

Computer navigation parameter and clinical outcome in total knee arthroplasty
Speaker: Becker, Roland (Germany)

Robots and patient matched instruments achieve preop plans in knee arthroplasty
Speaker: Cobb, Justin (United Kingdom)

Computer navigation to assess knee kinematic before and after TKA.
Speaker: Zaffagnini, Stefano (Italy)

Navigation: cuts and ligamentous balancing in TKA
Speaker: Neyret, Philippe (France)

Spine (incl. trauma)

FREE PAPER DEGENERATIVE CONDITIONS Room Vienna

16.00–17.30 Moderators: Stuesson, Bengt (Sweden), Alanay, Ahmet (Turkey)

Evaluating the function and physical activity of patients with low back pain using sensor technology
Authors: van Rooij, W. / Heyligers, I. / van Hemert, W. L. / Grimm, B. / Senden, R.
Speaker: Senden, R. (Netherlands)

Pain relief after caudal epidural injection – Does fatty changes in spinal muscle matters?
Authors: Umar, M. / Khan, A. / Osei, N. / Haque, Syed
Speaker: Haque, Syed (United Kingdom)

Short vs long posterior spinal fusion and decompression for degenerative scoliosis associated with neurologic symptoms
Authors: Valli, Federico / Prestamburgo, Domenico / Teli, Marco
Speaker: Teli, Marco (Italy)

Fatty degeneration of back muscles and gait disturbance in elderly patients with spinal kyphosis
Authors: Ozawa, Hiroshi / Aizawa, Toshimi / Koakutsu, Tomoaki / Itoi, Eiji / Nakamura, Takeshi
Speaker: Nakamura, Takeshi (Japan)

Alterations of the kamin triangle area in different lying positions: A magnetic resonance imaging study
Authors: Kantarci, Fatih / Kaynak, Gokhan / Guven, Fatih / Ertan, Sema / Albayram, Sait / Bilsel, Nafiz / Aydingöz, Önder / Botanlioglu, Huseyin
Speaker: Botanlioglu, Huseyin (Turkey)

Does obesity increase the rate of recurrent herniated nucleus pulposus after lumbar microdiscectomy?
Authors: Syme, Grant / Swamy, Girish / Nanjayan, Shashi / Fowler, Andy / Calthorpe, Denis / Quah, Conal
Speaker: Quah, Conal (United Kingdom)

Nerve injury following extreme lateral interbody fusion
Authors: Lykissas, Marios / Hughes, Alexander / Taher, Fadi / Cammisa, Frank / Girardi, Federico / Lebl, Darren / Sama, Andrew / Aichmair, Alexander
Speaker: Aichmair, Alexander (United States)

Anterior cervical interbody fusion with metal trabecular implant: Clinical and radiological evaluation with 5-year minimum follow-up
Authors: Delgado, Jorge Alexander / Gamez Moreno, Davinia / Fuentes Salguero, Luis / Ruiz Arranz, José Luis
Speaker: Ruiz Arranz, José Luis (Spain)

Expected outcomes and potential complications of surgical treatment of cervical spondylotic myelopathy (CSM)
Authors: Bommireddy, Rajendranadh / Klezl, Zdenek / Bagoury, El Monzer / Sigamoney, Kohila / Sherief, Tamer
Speaker: Sherief, Tamer (United Kingdom)

16:00 – 17:30

Hip		
FREE PAPER SESSION 16.00-17.30	HIP ARTHROPLASTY: TECHNIQUE 1 Moderators: Zagra, Luigi Massimo (Italy), Yercan, Huseyin (Turkey)	Room Madrid
	Equalization of leg length at hip arthroplasty: Do modular femoral necks enable better fine-tuning than non-modular stems? Authors: Kersic, Matej / Dolinar, Drago / Antolic, Vane / Mavcic, Blaz Speaker: Mavcic, Blaz (Slovenia)	
	Both morphotype and etiology influence hip anatomy but not gender Authors: Argenson, Jean-Noël / Flecher, Xavier / Blanc, Guillaume / Pauly, Vanessa / Parratte, Sébastien / Olivier, Matthieu Speaker: Olivier, Matthieu (France)	
	Biomechanical comparison of oblique and step-cut osteotomies of the femur in Total Hip Arthroplasty with femoral shortening Authors: Kiliçoğlu, Önder / Dikmen, Göksel / Sariyilmaz, Kerim / Bozdog, Ergun / Sunbuloglu, Emin / Tuna, Meral / Yazicioglu, Onder / Yildiz, Fatih Speaker: Yildiz, Fatih (Turkey)	
	Posterior soft tissue repair fails in osteoarthritis patients operated with total hip arthroplasty Authors: Loiba, Valdemaras / Stucinskas, Justinas / Robertsson, Otto / Wingstrand, Hans / Tarasevicius, Sarunas Speaker: Tarasevicius, Sarunas (Lithuania)	
	Comparison between direct anterior and antero-lateral in Total Hip Arthroplasty. Prospective randomized control trial Authors: Minoda, Yukihide / Ohta, Yoichi / Maki, Takatoshi / Itokazu, Maki / Mizokawa, Shigeichi / Nakamura, Hiroaki / Ikebuchi, Mitsuhiro / Iwaki, Hiroyoshi Speaker: Iwaki, Hiroyoshi (Japan)	
	Direct anterior approach Total Hip Replacement with computer navigation utilizing a new table extension device: A surgical video Authors: Kreuzer, Stefan Speaker: Kreuzer, Stefan (United States)	
	Midterm outcomes of Total Hip Arthroplasty for patients with end-stage hemophilic arthropathy Authors: Lin, Jin / Qian, Wenwei / Guo, Shigong / Feng, Bin / Zhai, Jiliang / Weng, Xisheng Speaker: Zhai, Jiliang (China)	
	Osseointegration of tritanium acetabular components in revision Total Hip Arthroplasty with major acetabular defects Authors: Ranawat, Amar / Ranawat, Chitranjan / Meftah, Morteza Speaker: Meftah, Morteza (United States)	
	Soft tissue reconstruction combined with medialization of acetabular component for repair of abductor avulsion after failed primary Total Hip Arthroplasty – Surgical technique and follow-up Authors: Dwyer, Tim / Marmor, Meir / Ng, De Juan / Attar, Fahad / Cameron, John / Drexler, Michael Speaker: Drexler, Michael (Canada)	

ERASS – European Rheumatism Arthritis Surgical Society



Infection		
SPECIALITY SESSION 16.00-17.30	PROSTHESES AND INFECTION IN ARTHRITIS PATIENTS Moderator: Nelissen, Rob (Netherlands)	Room Berlin
	Biological DMARDS and infection Speaker: Hazes, Mieke (Netherlands)	
	Reumasurgery and DMARDS: decrease and increase Speaker: Schmidt, Klaus (Germany)	
	Infection prevention & treatment in reuma surgery Speaker: Wilkinson, Mark (United Kingdom)	

**FESSH – Federation of European Societies for Surgery of the Hand /
EWAS – European Wrist Arthroscopy Society**



Hand and wrist

SPECIALITY SESSION	DISTAL RADIUS FRACTURES	Room Lisbon
16.00-18.45	Moderators: Yücetürk, Aydın (Turkey), Szabó, Zsolt (Hungary)	

Indications of closed treatment, percutaneous and ext. fixation
Speaker: Uzumcugil, Akin (Turkey)

Palmar plate fixation
Speaker: Luchetti, Riccardo (Italy)

Dorsal plate fixation
Speaker: Kopylov, Philippe (Sweden)

Fragment - Specific fixation of distal radius
Speaker: Nalbantoglu, Ufuk (Turkey)

Principles to make complications rare
Speaker: Haerle, Max (Germany)

Arthroscopic treatment of complex radius fractures
Speaker: Mathoulin, Christophe (France)

Arthroscopic assisted reduction of simple fractures
Speaker: Branco, José (Portugal)

Associated lesions and Arthroscopy
Speaker: Schmelzer Schmid, Nicole (Switzerland)

FORTE – Federation of Orthopaedic Trainees in Europe



General education

SPECIALITY SESSION	FORTE SESSION	Room Florence
16.00-18.45	Moderators: Huri, Gazi (Turkey)	

FORTE News
Speaker: Hentenaar, Bram (Netherlands)

What is expected from young generation? "An expert opinion"
Speaker: Doral, Mahmut Nedim (Turkey)

The necessities of young groups in the field
Speaker: Aydingöz, Önder (Turkey)

How to become an expert?
Speaker: Marcacci, Maurilio (Italy)

What an editor seeks?
Speaker: Villar, Richard (United Kingdom)

Advice to a young trainee
Speaker: Maffulli, Nicola (United Kingdom)

When I was a young surgeon
Speaker: Neyret, Philippe (France)

EBOT
Speaker: Mineiro, Jorge (Portugal)

16:00 – 18:45

Paediatrics

INTERACTIVE
EXPERT
EXCHANGE

DDH: RESIDUAL DEFORMITIES
Organisers: Chomiak, Jiri (Czech Republic), Inan, Muharrem (Turkey)

Room Copenhagen

16.45-18.45

Acetabular osteotomies in residual DDH
Speaker: Roposch, Andreas (United Kingdom)

Radiographic parameters for residual deformities in DDH
Speaker: Straker, Haim (Israel)

Proximal femoral deformities
Speaker: Senaran, Hakan (Turkey)

Postoperative regime
Speaker: Aksoy, Mehmed Cemalettin (Turkey)

Complications following residual deformities in DDH
Speaker: Ippolito, Ernesto (Italy)

17:45 – 18:45

Knee osseous

INSTRUCTIONAL
LECTURE

UNI KNEE ARTHROPLASTY FROM PRIMARY TO REVISION SURGERY
Moderator: Verhaar, Jan (Netherlands)

Room Munich

17.45-18.45

Speaker: Benazzo, Francesco (Italy)

Trauma upper limb

INSTRUCTIONAL
LECTURE

CLASSIFICATION AND ALGORITHM OF TREATMENT FOR PROXIMAL HUMERAL FRACTURES

Room Barcelona

17.45-18.45

Moderator: Muñoz Vives, Josep María (Spain)

Speaker: Resch, Herbert (Austria)

Trauma upper limb

FREE PAPER

SHOULDER GIRDLE / CLIP RADIUS

Room Brussels

17.45-18.45

Moderators: Miozzari, Hermes (Switzerland), Arazi, Mehmet (Turkey)

Open reduction and fixation of lateral clavicle fractures using the MINAR technique; a multicentre review
Authors: Morgan, Barnes / Ravenscroft, Matthew / Webb, Mark / Wheelton, Andrew
Speaker: Wheelton, Andrew (United Kingdom)

Operative vs non-operative treatment of acute dislocations of the acromio-clavicular joint: Results of a multi-centre randomized, prospective clinical trial
Authors: McKee, Michael / Vicente, Milena / Pelet, Stéphane
Speaker: Pelet, Stéphane (Canada)

Systematic review of management of unstable distal radius fracture - The unresolved problem
Authors: Farhan, Munthir / Ali, Imran
Speaker: Ali, Imran (United Kingdom)

A comparison of locking plates in the fixation of intra-articular distal radius fractures
Authors: Cheung, Graham / Rhee, Shin-Jae / Ford, David / Herman-Kuiper, Jan / Knight, Timothy
Speaker: Knight, Timothy (United Kingdom)

17:45 – 18:45

Conservative management of mid-shaft clavicle fractures: A thing of the past?

Authors: Prejbeanu, Radu / Vermesan, Dinu / Singh, Gaurav / Sarbu, Partenie / Deleanu, Bogdan

Speaker: Deleanu, Bogdan (Romania)

Patient Reported Outcome Measures in the non-operative management of clavicle fractures

Authors: Jeavons, Richard / Kent, Jonathan / Gower, Andrew / Morrell, Rebecca

Speaker: Morrell, Rebecca (United Kingdom)

Shoulder/elbow, arm/forearm

INSTRUCTIONAL
LECTURE

NEW TRENDS IN SHOULDER ARTHROPLASTY

Room Helsinki

Moderator: Stanley, David (United Kingdom)

17.45–18.45

Speaker: Ekelund, Anders (Sweden)

Spine (incl. trauma)

COMPLEX CASE
DISCUSSION

MANAGEMENT OF COMPLICATIONS IN SPINE SURGERY

Room Vienna

Organiser: Pellisé Urquiza, Ferran (Spain)

17.45–18.45

Intraoperative neurologic damage

Speaker: Acaroglu, Emre (Turkey)

Surgical site infection after posterior spinal fusion instrumentation

Speaker: Nuñez-Pereira, Susana (Spain)

Complications associated to osteoporotic fractures, the osteoporotic cascade

Speaker: Heini, Paul (Switzerland)

Hip

INSTRUCTIONAL
LECTURE

RISK FACTORS AND TREATMENT OF DISLOCATIONS OF THE THA

Room Madrid

Moderator: Hernigou, Philippe (France)

17.45–18.45

Speaker: Ullmark, Gösta (Sweden)

Bone and joint tumours

FREE PAPER

TUMOUR 2

Room Berlin

17.45–18.45

Moderators: Sabah, Dünder (Turkey), Capanna, Rodolfo (Italy)

The effects of corticosteroid injection therapy in simple bone cyst

Authors: Yildiz, Yusuf / Saglik, Yener / Bezirgan, Ugur / Basarir, Kerem

Speaker: Basarir, Kerem (Turkey)

Does sentinel node biopsy have a role in the treatment of patients with soft tissue sarcoma?

Authors: Boldt, Henrike / Werner, Mathias / Hamann, Christine / Tunn, Per-Ulf / Pink, Daniel / Andreou, Dimosthenis

Speaker: Andreou, Dimosthenis (Germany)

How important are surgical margins in prediction of local recurrence and survival in high grade sarcoma of bones?

Authors: Jeys, Lee / Vaiyapuri, Sumathi / Grimer, Robert / Neelapala, Venkata

Speaker: Neelapala, Venkata (United Kingdom)

Surgical hip dislocation according to Ganz for excision of osteochondromas of the femoral neck in patients with hereditary multiple exostoses

Authors: Homan, A. / De Meulemeester, F. / Ham, S. / Façee Schaeffer, Maarten

Speaker: Façee Schaeffer, Maarten (Netherlands)

Wednesday
5 June

17:45 - 18:45

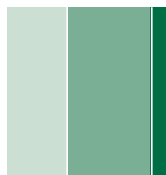
Differentiation of benign and malignant soft-tissue masses using color Doppler ultrasonography with contrast medium

Authors: Hoshi, Manabu / Takada, Jun / Nakamura, Hiroaki / Oebisu, Naoto
Speaker: Oebisu, Naoto (Japan)

MDM2 gene amplification in soft tissue sarcomas by fluorescent in situ hybridization: Analysis of 137 cases

Authors: Yamamoto, Norio / Shirai, Toshiharu / Nishida, Hideji / Hayashi, Katsuhiro / Tanzawa, Yoshikazu / Takeuchi, Akihiko / Igarashi, Kentaro / Inatani, Hiroyuki / Shimozaki, Shingo / Kato, Takashi / Tsuchiya, Hiroyuki / Kimura, Hiroaki
Speaker: Kimura, Hiroaki (Japan)

Missed a session? Go to ...



E F O R T net

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16.00 – 16.10

Welcome

Ami Hommel, Sweden
Merdiye Sendir, Turkey

16:10 – 16:20	ICON Symposium Advancing Orthopaedic and Trauma Nursing Through International Collaboration	Ami Hommel
16:20 – 16:40	Invited Lecture Pain management in orthopedic patients	Funda Büyükyılmaz
16:40 – 16:55	Invited Lecture Effectiveness of home monitoring according to the Model of living in hip replacement surgery patients	Sevil Güler Demir

16.55 – 18.15 Oral Presentations – Selected abstracts

Chemical Sterilisation	Emel Yıldaz
Specialist Orthopaedic Nurses: Frontline for fracture clinic referrals	Randeep Aujla
New knowledge: A project on nurses' application of newly acquired	Susanne Kristensen
 The analysis of hip fracture management after the introduction of a "Fast track" scheme	Rasa Valaviciene
Evaluation of nursing care problems of elderly patients with hip fracture during early postoperative period	Merdiye Sendir
The Importance of a Pre-outpatient contact for the Trauma-patient with Ilizarov-fixation	Anne Rikardt Pernille Bønneland
Access to analgesia and basic observations for cognitively impaired	William Harrison

18.20 – 18.30

Questions & Answers

Ami Hommel, Sweden
Merdiye Sendir, Turkey

Instructional Course

Vienna, Austria

9-11 October 2013



Workshops / Case discussion



EPOS – EFORT Instructional Course

Vienna, Austria: 9-11 October 2013

Paediatrics: Basic Course II

- Disorders of the upper limb
- Disorders of the knee
- Musculoskeletal infections
- Spine



info More updates available on: www.efort.org/ic/epos2013/basic2

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WEDNESDAY
5 JUNE

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B16 – Hall B5

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stability without distal load transfer
- **Unique Stem Alignment**
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SHARING EXPERTISE

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Room	Paris	Munich	Barcelona	Brussels	Helsinki	Lisbon	
Time							
08:00							
08:15							
08:30	Metal-Ceramic-Polyethylene: A search for the favourite Tribology Free Paper Session	Hip arthroscopic surgery in 2013 Hip Speciality Session EHS	Osteoarthritis of the thumb. Is resection arthroplasty the only treatment? Hand and wrist Symposium	Fracture femur / knee Trauma lower limb Free Paper Session	Early complications in THA Hip Symposium	Foot & ankle injuries in the athlete: Where do we stand today? Foot/ankle/leg Speciality Session EFAS	
08:45							
09:00							
09:15							
09:30							
09:45	Break - Visit of the industry exhibition						
10:00							
10:15							
10:30	Tribology of total knee arthroplasty: Basics and current trends Tribology Symposium	FAI - Hip arthroscopy Hip Free Paper Session	Scaphoid Hand and wrist Free Paper Session	Complex elbow injuries Trauma upper limb Symposium	THA complications Hip Free Paper Session	Ankle arthritis: Prevention and management Foot/ankle/leg Speciality Session EFAS	
10:45							
11:00							
11:15							
11:30							
11:45	Erwin Moscher Honorary Lecture - Paris Auditorium						
12:00							
12:15							
12:30		Revision Hip - Infection & complication Hip Industry Symposium Zimmer GmbH	Simplifying your hip revision practice Hip Industry Symposium Smith & Nephew		Optimys® short stem - First clinical results Hip Industry Symposium Mathys	Experience that counts... Insights from the use of rivaroxaban in routine clinical practice General Orthopaedics Industry Symposium Bayer Healthcare	
12:45							
13:00							
13:15							
13:30							
13:45							
14:00	The hype of Ceramic - Will it continue? Tribology Free Paper Session	Controversial issues in THA on the femoral side Hip Complex case discussion	Clinical Cases: Hand & Wrist Hand and wrist Clinical Cases	Biologics in open fractures Polytrauma/Pelvis Instructional Lecture	Clinical Cases: Paediatrics Paediatrics Clinical Cases	Hallux valgus Foot/ankle/leg Speciality Session EFAS	
14:15							
14:30							
14:45							
15:00							Break - Visit of the industry exhibition
15:15							
15:30	Metal-on-Metal: Still an option? Tribology Free Paper Session	Hip arthroscopy Hip Free Paper Session	Sine qua non / An Essential Element or Condition - Sports and OA Sports / Knee soft-tissue Speciality Session EFOS	Trauma and orthopaedics in conflict and post-conflict settings Polytrauma/Pelvis Symposium	Developmental dysplasia of the hip Paediatrics Free Paper Session		
15:45							
16:00							
16:15							
16:30							
16:45	BREAK						
17:00							
17:15	Improvements of polyethylene - Have we reached the goal? Tribology Free Paper Session	Arthroplasty vs. Osteosynthesis after femoral neck fracture Hip Debate forum		Major pelvic and spine fractures Polytrauma/Pelvis Complex case discussion	Basic sciences Paediatrics Free Paper Session	Forefoot Foot/ankle/leg Free Paper Session	
17:30							
17:45							
18:00							

 GENERAL ORTHOPAEDICS	 UPPER LIMB	 LOWER LIMB	 SPINE	 TRAUMA/POLYTRAUMA	 PAEDIATRICS	 GENERAL EDUCATION
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Florence	Nice	Vienna	Madrid	Copenhagen	Berlin	Room
						Time
					Comprehensive Review Course	08:00
					General education	08:15
Invited Guest Federation: SLAOT – Primary complex hip arthroplasty Hip Symposium	Bone and implant headings General Orthopaedics / complications / basic science / technology Free Paper Session	Experimental: Infection and bone General Orthopaedics / complications / basic science / technology Free Paper Session	Meniscus and cartilage Sports / Knee soft-tissue Free Paper Session	Pseudarthrosis – bone defects Polytrauma/Pelvis Interactive Expert Exchange	Registration required	08:30
Break – Visit of the industry exhibition					Registration required	08:45
Rapid recovery patients programmes. Lessons from the past and new areas General Orthopaedics / complications / basic science / technology Symposium	Statistical analysis in orthopaedic clinical studies General education Symposium	Orthopaedic Publishing in 2013 General education Symposium	Multiple ligaments knee injury Sports / Knee soft-tissue Symposium			09:00
Erwin Moscher Honorary Lecture – Paris Auditorium						09:15
Practical guidance and real-world experience with novel oral anticoagulants: Optimizing use in orthopaedic practice General Orthopaedics Industry Symposium Boehringer Ingelheim	Dual mobility: A 35 years French experience Hip Industry Symposium Groupe Lepine	Patient's needs & Health Economics. Do short stem philosophies have a positive impact? Hip Industry Symposium Limacorporate	Knee Session – Innovative solutions with multiple options for success: Proven technologies meets future patient solutions Knee osseous Industry Symposium Biomet			09:30
Modern indication for a high tibial osteotomy Sports / Knee soft-tissue Instructional Lecture	How to introduce new implants/ techniques General Orthopaedics / complications / basic science / technology Instructional Lecture	TKA – Technique related outcomes Knee osseous Free Paper Session	Ligament injury of the immature knee: Conservative and surgical treatments Sports / Knee soft-tissue Complex case discussion	Advanced concepts and treatment strategies for femoroacetabular impingement Hip Interactive Expert Exchange		09:45
Break – Visit of the industry exhibition					Registration required	10:00
Third world orthopaedics General education Symposium	Risk Factors in lower limb arthroplasty General Orthopaedics / complications / basic science / technology Free Paper Session	Unicompartmental knee Knee osseous Free Paper Session	Anterior cruciate ligament Sports / Knee soft-tissue Free Paper Session			10:15
BREAK						10:30
Pelvic fractures: Diagnostic challenges and functional outcome Polytrauma/Pelvis Free Paper Session	Challenges in fragility fractures Osteoporosis Free Paper Session	Meniscal lesion today: Evidence of treatment Sports / Knee soft-tissue Instructional Lecture	Knee ligaments Sports / Knee soft-tissue Free Paper Session			10:45
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						17:45
						18:00

THURSDAY
6 JUNE

08:00 – 18:00

General education

COMPREHENSIVE REVIEW COURSE (registration required)

Room Berlin

Moderator: Suva, Domizio (Switzerland)

Bring your Laptop!

08.00–18.00

Welcome & Introduction

Speaker: Suva, Domizio (Switzerland)

Eye opener: Infection

Speaker: Borens, Olivier (Switzerland)

Bio mechanics of musculoskeletal tissue – Biomaterials (trauma, prosthesis)

Speaker: Tanner, Elizabeth (United Kingdom)

Metabolic bone disease

Speaker: Dreinhöfer, Karsten (Germany)

Diagnostic work up and recognition of primary bone tumours

Speaker: Cannon, Stephen (United Kingdom)

Diagnostic algorithm and treatments options in bone metastasis

Speaker: Szendrői, Miklos (Hungary)

Missed diagnosis for children's orthopaedics

Speaker: Møeller-Madsen, Bjarne (Denmark)

Neuro-orthopaedics

Speaker: Yazici, Muharrem (Turkey)

Abnormalities of newborns feet

Speaker: Radler, Christof (Austria)

Hip diseases in the childhood

Speaker: Pospischill, Renata (Austria)

Pediatric idiopathic scoliosis

Speaker: Lascombes, Pierre (Switzerland)

Management of spinal trauma

Speaker: Berk, Haluk (Turkey)

Hip: Osteotomy and arthroplasty

Speaker: Siebenrock, Klaus (Switzerland)

Knee: Osteotomy and arthroplasty

Speaker: Petek, Daniel (Switzerland)

Ankle arthrodesis, arthroplasty, hallux valgus & flat foot

Speaker: Valderrabano, Victor (Switzerland)

Shoulder degenerative disorders

Speaker: Ekelund, Anders (Sweden)

Degenerative disorders of the elbow

Speaker: Suva, Domizio (Switzerland)

ACL, PCL, collateral injuries

Speaker: Neyret, Philippe (France)

Meniscus and cartilage repair

Speaker: Verdonk, René (Belgium)

Fractures: Pelvic ring, & acetabular fractures

Speaker: Stöckle, Ulrich (Germany)

Fractures: Hip, femur, tibia & open fractures

Speaker: Borens, Olivier (Switzerland)

Thursday
6 June

08:00 – 18:00

Fractures: Pilon, Ankle, Talus & Calcaneus
Speaker: Assal, Mathieu (Switzerland)

Fractures of distal radius and scaphoid & wrist instability
Speaker: Kopylov, Philippe (Sweden)

Fractures of shoulder, arm, elbow and forearm & shoulder instability
Speaker: Hoffmeyer, Pierre (Switzerland)

Take home message
Speaker: Hoffmeyer, Pierre (Switzerland)

For CRC participants only!
Access the "Recap on CRC" session!



Join the Orthopaedics & Traumatology Community Platform | www.efort.org

THURSDAY
6 JUNE

08:30 – 10:00

Tribology

FREE PAPER METAL-CERAMIC-POLYETHYLENE: A SEARCH FOR THE FAVOURITE Room Paris

08.30-10.00 Moderators: Malchau, Henrik (United States), Knahr, Karl (Austria)

Results of the long-term follow-up study after the metasul Metal-on-Metal cementless Total Hip Arthroplasty
Authors: Koyanagi, Junichirou / Tsuda, Kosuke / Fujiwara, Keiju / Haraguchi, Keiji
Speaker: Haraguchi, Keiji (Japan)

Description of the wear scar of ex vivo metal-on-metal hip prostheses
Authors: Lord, James / Langton, David / Nargol, Antoni / Joyce, Tom
Speaker: Joyce, Tom (United Kingdom)

Association between histological findings and whole blood metal ion levels with pseudotumour characteristics identified in MRI
Authors: Puolakka, Timo / Pajamäki, Jorma / Elo, Petra / Lainiala, Olli / Eskelinen, Antti / Reito, Aleks
Speaker: Reito, Aleks (Finland)

Ceramic-on-Metal Total Hip Replacements
Authors: Hill, Janet / O'Brien, Seamus / Boldt, Jens / Stevenson, Michael / Beverland, David / Diamond, Owen
Speaker: Diamond, Owen (United Kingdom)

Comparing large diameter Metal-on-Metal and Ceramic-on-Ceramic Total Hip Replacement
Authors: Viçoso, Sofia / Ramalho, Frederic / Couto, Roberto / Basto, Tiago / Lima, Fernando / Barbosa, Tiago
Speaker: Barbosa, Tiago (Portugal)

Wear of larger Ceramic-on-Ceramic (CoC) bearings for Total Hip Arthroplasty (THA)
Authors: Preuss, Roman / Streicher, Robert / Häußler, Kim
Speaker: Häußler, Kim (Germany)

HXLPE with vitamin E in isoelectric monoblock pressfit cup: 2-years follow up with clinical and radiological scores
Authors: Abtroun, Yamina / Beck, Martin / Baines, Joseph / De Gast, Arthur / Steenmeijer, A. V. / French, Gary / Becker, Roland / Pijnenburg, A. C. / Knahr, Karl / Hollmann, Lutz / Helmy, Naeder / Rehbein, Philipp
Speaker: Rehbein, Philipp (Germany)

08:30 – 10:00

Oxidative analysis of surgically-retrieved Marathon™ acetabular liners after up to 10 years In Vivo
 Authors: Rowell, Shannon / Reyes, Christopher / Engh, Charles / Hopper, Robert / Muratoglu, Orhun
 Speaker: Muratoglu, Orhun (United States)

Multi-center analysis of clinical factors affecting polyethylene wear in 945 Total Hip Arthroplasties
 Authors: Bragdon, Charles / Martell, John / Kwon, Young-Min / Malchau, Henrik / Barr, Christopher
 Speaker: Malchau, Henrik (United States)

EHS – European Hip Society



Hip

SPECIALITY SESSION 08.30–10.00	HIP ARTHROSCOPIC SURGERY IN 2013 Moderators: Ullmark, Gösta (Sweden), Villar, Richard (United Kingdom)	Room Munich
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Introduction
 Speaker: Ullmark, Gösta (Sweden)

Introduction
 Speaker: Villar, Richard (United Kingdom)

The evolution of hip arthroscopy
 Speaker: Villar, Richard (United Kingdom)

Hip arthroscopy for FAI
 Speaker: Lund, Bent (Denmark)

The role of arthroscopy in degenerative disease
 Speaker: Santori, Nicola (Italy)

Hip joint stability and the management of the capsule in arthroscopic surgery
 Speaker: Papavasiliou, Thanos (Greece)

The psoas tendon as a source of hip symptoms: evaluation and treatment
 Speaker: Santori, Nicola (Italy)

How to measure outcomes in hip arthroscopy
 Speaker: Marin, Oliver (Spain)

Orthobiologics and hip arthroscopy
 Speaker: Bajwa, Ali (United Kingdom)

Hand and wrist

SYMPOSIUM 08.30–10.00	OSTEOARTHRITIS OF THE THUMB. IS RESECTION ARTHROPLASTY THE ONLY TREATMENT? Organiser: Schuind, Frédéric (Belgium)	Room Barcelona
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Introduction
 Speaker: Schuind, Frédéric (Belgium)

4D Imaging of Early Trapezio-Metacarpal Osteoarthritis
 Speaker: Streekstra, Geert J. (Netherlands)

Sonographic Evaluation after Simple Trapeziectomy
 Speaker: Schuind, Frédéric (Belgium)

LRTI Arthroplasty
 Speaker: Ceruso, Massimo (Italy)

Replacement Arthroplasty
 Speaker: Stockmans, Filip (Belgium)

08:30 – 10:00

Trauma lower limb

FREE PAPER

FRACTURE FEMUR / KNEE

Room Brussels

08.30-10.00

Moderators: Papadakis, Stamatios (Greece), Dincer, Derya (Turkey)

Ipsilateral fractures of femoral neck and shaft: Treatment with interlocking nail

Authors: Mangiavacchi, Massimo / D'Ascola, Jacopo / Liberati, Maria Antonietta / Di Bisceglie, Francesco / Ferrata, Paolo / Crainz Fossati, Edoardo

Speaker: Crainz Fossati, Edoardo (Italy)

Do not play with the butterfly

Authors: Mohamed, Mohamed Ali Ahmed

Speaker: Mohamed, Mohamed Ali Ahmed (Egypt)

The Comparison of Open Fixation versus MIPPO in the treatment of the Distal Femoral Fracture

Authors: Kim, Jung-Youn / Oh, Hyun-Sup / Cho, Kye-Youl / Kang, Dong-Geun / Kim, Kang-II

Speaker: Kim, Kang-II (Korea, Republic of)

MIPPO vs ORIF in distal femoral fractures

Authors: Beletsky, Alexander / Sitnik, Alexandre

Speaker: Sitnik, Alexandre (Belarus)

The morphology, classification and treatment of tibial plateau fractures: Computer-tomographic analysis of 525 cases

Authors: Cong-Feng, Luo / Yang, Guang / Putnis, Sven

Speaker: Putnis, Sven (United Kingdom)

A review of periprosthetic knee fractures presenting to a trauma centre

Authors: Ashraf, Mujeeb / Porter, Keith / Matharu, Gulraj / Goswami, Karan

Speaker: Goswami, Karan (United Kingdom)

Striving for excellence in fracture neck of femur patients' care

Authors: Sampalli, Sridhar / Fernando, Francis / Fletcher, James

Speaker: Fletcher, James (United Kingdom)

Primary Total Knee Replacement for supracondylar femoral fractures in osteoarthritic knees

Authors: Pittas, Alexandros / Andersen, Nicolas / Zampelakis, Nikolaos / Kazas, Sotiris / Sokorelos, Michail / Orfanos, Ioannis

Speaker: Orfanos, Ioannis (Greece)

Successful use of minimally invasive plate osteosynthesis techniques in the management of periprosthetic fractures around the femur

Authors: Deo, Sunny / Nagy, Ernest / Kneale, Kathryn

Speaker: Kneale, Kathryn (United Kingdom)

Hip

SYMPOSIUM

EARLY COMPLICATIONS IN THA

Room Helsinki

08.30-10.00

Organiser: Haddad, Fares (United Kingdom)

Periprosthetic fracture after total hip arthroplasty

Speaker: Manktelow, Andrew (United Kingdom)

Instability after total hip arthroplasty – prevention and immediate management

Speaker: Waddell, James (Canada)

Instability after total hip arthroplasty – further surgery including dual mobility

Speaker: Hernigou, Philippe (France)

Heterotopic ossification after total hip arthroplasty

Speaker: Jäger, Marcus (Germany)

Periprosthetic infection after total hip arthroplasty

Speaker: Haddad, Fares (United Kingdom)

Thursday
6 June

08:30 – 10:00



EFAS – European Foot and Ankle Society

Foot/ankle/leg

SPECIALITY SESSION **FOOT & ANKLE INJURIES IN THE ATHLETE: WHERE DO WE STAND TODAY?** Room Lisbon
08.30–10.00 Moderators: Viladot Voegeli, Antonio (Spain),

Articular cartilage injuries in the athlete
Speaker: Engebretsen, Lars (Norway)

Ligamentous injuries in the athlete
Speaker: Rhys, Thomas (United Kingdom)

Battle: Treatment of cartilage injuries in the athlete: One step
Speaker: Vannini, Francesca (Italy)

Battle: Treatment of cartilage injuries in the athlete: Two steps
Speaker: Wiewiroski, Martin (Germany)

Battle: Acute lateral ligamentous injuries in the athlete: Conservative treatment
Speaker: Kerkhoffs, Gino M.M.J. (Netherlands)

Battle: Acute lateral ligamentous injuries in the athlete: Surgical treatment
Speaker: Solan, Matthew (United Kingdom)

Hip

SYMPOSIUM **INVITED GUEST FEDERATION: SLAOT – PRIMARY COMPLEX HIP ARTHROPLASTY** Room Florence
08.30–10.00 Moderators: Macheras, George (Greece), Musafir, Marcos (Brasil)

Arthroplasties in deformities of the proximal femur
Speaker: Palacios, Julio (Colombia)

Surgical options in dislocating THR
Speaker: Wirtz, Dieter (Germany)

Arthroplasty in non-anatomic femur
Speaker: Restrepo, Nicolas (Colombia)

Conversion of hip arthrodesis into THR
Speaker: Bernardo, Marcos (Brasil)

Arthroplasty secondary to failed osteosynthesis
Speaker: Franco, Jose Segio (Brasil)

Arthroplasty in high dislocation
Speaker: Macheras, George (Greece)

General Orthopaedics / complications / basic science / technology

FREE PAPER **BONE AND IMPLANT HEADINGS** Room Nice
08.30–10.00 Moderators: Ates, Yalim (Turkey), Husted, Henrik (Denmark)

Effect of chemical and thermic disinfection on μ CT-data and compression stability of cancellous bone cylinders of calves: Investigation of three different methods
Authors: Ignatius, Anita / Duerselen, Lutz / Pruss, Axel / Reichel, Heiko / Jung, Sebastian
Speaker: Jung, Sebastian (Germany)

In Vivo studies of human bone marrow stromal cell-loaded hemiporous hydroxyapatite scaffold as a bone substitute
Authors: Nam, Jinwoo / Seo, Sang-Min / Oh, Kyung-Sik / Kim, Hee Joong / Kim, Ha Na / Yoo, Jeong Joon
Speaker: Oh, Kyung-Sik (Korea, Republic of)

Influence of soft callus protection and replacement during open reduction and internal fixation: An experimental study in a rat model of fracture

Authors: Danoff, Jonathan / Burky, Robert / Coyle, Ryan / Rosenwasser, Melvin / Aurégan, Jean-Charles
Speaker: Aurégan, Jean-Charles (France)

Bone healing in critical size defects of the rat femur after application of Bone marrow aspirate and rh-BMP7 in different doses

Authors: Hoffmann, Stefanie / Göttlinger, Michael / Augat, Peter / Betz, Oliver / Högel, Florian
Speaker: Högel, Florian (Germany)

Effect of electrolyte-plasma polishing on the surface properties of TiFix titanium bone plates

Authors: Wendlandt, Robert / Jürgens, Christian / Schulz, Arndt
Speaker: Schulz, Arndt (Germany)

An In Vitro animal bone model study to predict spiral fracture strength of long bones in an infant

Authors: Theobald, Peter / Malik, Shahbaz / Jones, Mike / Malik, Sheraz
Speaker: Malik, Sheraz (United Kingdom)

Albumin coated allografts improve bone formation in rat calvaria defect

Authors: Vác, Gabriella / Lacza, Zsombor / Toró, Ildikó / Horvathy, Denes
Speaker: Horvathy, Denes (Hungary)

Novel porous titanium implants demonstrate bone ingrowth in a rabbit model

Authors: Poggie, Matthew / Kulesha, Gene / Muth, John / Coyle, Sue / Aponte, Carlos / Dong, Nick / Ngo, Chau
Speaker: Ngo, Chau (United States)

Effect of mussel inspired polydopamine coating on Ti6Al4V In Vitro

Authors: Kim, Yong-Sik / Kwon, Soon-Yong / Sun, Doo-Hoon / Lee, Hyun-Jin / Park, In-Joo / Lim, Young-Wook
Speaker: Lim, Young-Wook (Korea, Republic of)

General Orthopaedics / complications / basic science / technology

FREE PAPER

EXPERIMENTAL: INFECTION AND BONE

Room Vienna

08.30–10.00

Moderators: Sen, Cengiz (Turkey), Cordero-Ampuero, José (Spain)

Can inflammatory markers predict the pathogenic bacteria in periprosthetic joint infection?

Authors: Aggarwal, Vinay / Sharkey, Peter / Hozack, William / Parvizi, Javad / Alijanipour, Pouya
Speaker: Alijanipour, Pouya (Spain)

A novel antibiotic gel delivery system

Authors: Penn-Barwell, Jowan / Wenke, Joseph / Rand, Ben
Speaker: Rand, Ben (United Kingdom)

Chitosan; an effective NPWT-compatible local antibiotic delivery device

Authors: Wenke, Joseph / Noel, Scott / Rand, Ben
Speaker: Rand, Ben (United Kingdom)

Fresh osteochondral allografts storage: Assessment of chondrocyte viability and proliferation over time

Authors: Calvo, Rafael / Figueroa, David / Vaisman, Alex / Novoa, Felipe / Simon, Valeska / Conget, Paulette / Espinosa, Maximiliano
Speaker: Espinosa, Maximiliano (Chile)

Evaluating the effect of different basal cell culture media during mesenchymal stem cell expansion on their osteogenic differentiation potential in a standard osteogenic monolayer cell culture assayed with 99mTc-MDP labeling

Authors: Gotterbarm, Tobias / Grossner, Tobias
Speaker: Grossner, Tobias (Germany)

The effect of different basal cell culture media during mesenchymal stem cell induction after Alpha-MEM expansion on their osteogenic differentiation potential in a standard osteogenic monolayer cell culture assayed with 99mTc-MDP Labeling

Authors: Gotterbarm, Tobias / Grossner, Tobias
Speaker: Grossner, Tobias (Germany)

Hyperinsulinemia reduces osteoblast activity in vitro via upregulation of TGF-β

Authors: Braun, Karl / Pscherer, Stefan / Stöckle, Ulrich / Nuessler, Andreas / Haug, Alexander / Ehnert, Sabrina / Freude, Thomas
Speaker: Freude, Thomas (Germany)

08:30 – 10:00

Characterisation of native multipotential stromal cells (MSCs) liberated from human long-bones by reaming: phenotypic, molecular and yield comparison with donor-matched iliac crest MSCs

Authors: Kouroupis, Dimitrios / Boxall, Sally / Dennis, McGonagle / Giannoudis, Peter / Churchman, Sarah / Tan, Hiang Boon / Jones, Elena

Speaker: Jones, Elena (United Kingdom)

Sports / Knee soft-tissue

FREE PAPER

MENISCUS AND CARTILAGE

Room Madrid

08.30-10.00

Moderators: Madry, Henning (Germany), Camathias, Carlo (Switzerland)

Correlation between chondral defect size, pressure distribution and condylar size

Authors: Kiliçoglu, Önder / Yildiz, Fatih / Sariyilmaz, Kerim / Bozdag, Ergun / Sunbuloglu, Emin / Tuna, Meral / Dikmen, Göksel

Speaker: Dikmen, Göksel (Turkey)

The effect of lesion size on clinical outcomes after microfracture: A 2 to 8 year follow-up study

Authors: Briggs, Karen / Steadman, J. / Rodkey, William

Speaker: Rodkey, William (United States)

Meniscal allograft transplantation with arthroscopically assisted soft tissue technique: Three years follow-up

Authors: Madonna, Vincenzo / Cortese, Fabrizio / Giovarruscio, Roberto / Condello, Vincenzo / Zorzi, Claudio

Speaker: Zorzi, Claudio (Italy)

Host serum is not indispensable in collagen performance in viable meniscal transplantation at 4-week incubation

Authors: Pelfort López, Xavier / Erquicia, Juan / Gelber, Pablo / Puig Verdié, Lluís / Monllau, Joan C. / García-Giralt, Natalia / Torres-Claramunt, Raúl

Speaker: Torres-Claramunt, Raúl (Spain)

The comparison of the proprioceptive and functional effects of partial meniscectomy and meniscus repair

Authors: Basar, Betül / Inanmaz, Mustafa / Köse, Kamil / Basar, Hakan

Speaker: Basar, Hakan (Turkey)

The comparison of intra articular hyaluronic acid and extracorporeal shock wave therapy in osteochondral defects treatment of rats

Authors: Orhan, Zafer / Çomunoglu, Cem / Ankarali, Handan / Erbil, Baris

Speaker: Erbil, Baris (Turkey)

Tissue engineered meniscus strategies: Experimental preclinical studies

Authors: Konan, Sujith / Khan, Wasim / Alam, Mahbub / Haddad, Behrooz

Speaker: Haddad, Behrooz (United Kingdom)

Adipose-derived mesenchymal stromal cells for knee articular cartilage focal lesions repair

Authors: Kyriakidis, Theophylaktos / Melas, Ioannis / Alvanos, Dimitrios / Kyriakidis, Anastasios / Iosifidis, Michael

Speaker: Iosifidis, Michael (Greece)

Natural history of graft hypertrophy after matrix based Autologous Chondrocyte Implantation (mb-ACI)

Authors: Niethammer, Thomas / Gülecüyüz, Mehmet / Jansson, Volkmar / Müller, Peter / Horng, Annie / Pietschmann, Matthias

Speaker: Pietschmann, Matthias (Germany)

Matrix-induced autologous chondrocyte implant vs microfracture: Prospective, randomized trial, 2-year follow up

Authors: Price, Andrew / Brittberg, Mats / Caron, Jacob / Emans, Pieter / Kili, Sven / Bezuidenhoudt, Mauritz / Sanson, Bernd-Jan / Levine, David / Saris, Daniel

Speaker: Price, Andrew (United Kingdom)

08:30 – 12:00

Polytrauma/Pelvis

INTERACTIVE

PSEUDARTHROSIS – BONE DEFECTS

Room Copenhagen

EXPERT

Organiser: Giannoudis, Peter (United Kingdom)

EXCHANGE

08.30-12.00

Biological profile of atrophic and hypertrophic non-unions: Is there a need for osteogenic enhancement?

Speaker: Schmidmaier, Gerhard (Germany)

10:30 – 12:00

How can we optimise the success of the induced membrane technique for the treatment of long bone defects?
Speaker: Bégué, Thierry (France)

The concept of biological chamber for the treatment of non-unions: What material and why?
Speaker: Calori, Giorgio Maria (Italy)

Composite grafts for the treatment of long bone non-unions: Options and effectiveness
Speaker: Giannoudis, Peter (United Kingdom)

10:30 – 12:00

Tribology

SYMPOSIUM TRIBOLOGY OF TOTAL KNEE ARTHROPLASTY: BASICS AND CURRENT TRENDS Room Paris

10.30-12.00 Moderators: Argenson, Jean-Noël (France), Böhler, Nikolaus (Germany)

Crosslinked Polyethylene in knee arthroplasty: wear, particle analysis and biological activity
Speaker: Jansson, Volkmar (Germany)

Simulator testing of knee endoprostheses: Result and possible clinical implications
Speaker: Kaddick, Christian (Germany)

Evaluation and Clinical Performance of a TKA system with Ceramic femoral component
Speaker: Mittelmeier, Wolfram (Germany)

Highly crosslinked Polyethylene does not reduce the wear in total knee arthroplasty
Speaker: Hinarejos, Pedro (Spain)

Tibial component safety of a novel all ceramic primary total knee system under worst case conditions
Speaker: Mauerer, Andreas (Germany)

Hip

FREE PAPER FAI – HIP ARTHROSCOPY Room Munich

10.30-12.00 Moderators: Leunig, Michael (Switzerland), Ganz, Reinhold (Switzerland)

Evaluation of hip joint cartilage using 3.0T MRI T2 mapping for patients with hip labral tear and a comparison with the clinical results
Authors: Sumen, Yoshio / Sakaridani, Kazuki / Tanaka, Kou / Nishimori, Makoto / Yokoyama, Ayako / Ochi, Mitsuo / Oshima, Seigo
Speaker: Oshima, Seigo (Japan)

Clinical and radiological outcome after periacetabular osteotomy operated on in the period 1999-2008: Predictors for good results or conversion to Total Hip Arthroplasty
Authors: Petersen, Michael / Stürup, Jens / Dahl, Line / Dengsoe, Kristine
Speaker: Dengsoe, Kristine (Denmark)

Validation and rim-trimming simulation of pincer femoroacetabular impingement in the patients with cross-over sign by computerized 3D analysis
Authors: Koyama, Hiroshi / Suzuki, Daisuke / Matsuyama, Yukihiro / Hoshino, Hironobu
Speaker: Hoshino, Hironobu (Japan)

Three dimensional relationship between acetabular rim morphology and femoral cam severity
Authors: Nightingale, Craig / Azimi, David / Cobb, Justin / Masjedi, Milad
Speaker: Masjedi, Milad (United Kingdom)

3D assessment of the femoral head coverage: Importance of the intraoperative evaluation in curved periacetabular osteotomy
Authors: Takubo, Ryota / Horigome, Youji / Suzuki, Hayato / Tomoyuki, Ito / Dohmae, Yoichiro / Minato, Izumi / Endo, Naoto / Miyasaka, Dai
Speaker: Miyasaka, Dai (Japan)

The role of early radiological signs in the development of Femoroacetabular Impingement (FAI)
Authors: Speranza, Attilio / Ferretti, Andrea / Maestri, Barbara / De Sanctis, Stefania / D'Arrigo, Carmelo / Alonzo, Raffaella / Alberti, Francesco
Speaker: Alonzo, Raffaella (Italy)

10:30 – 12:00

The mapping of CAM lesions in femoroacetabular impingement

Authors: Fehily, Max / Wall, Alun / Plastow, Ricci
Speaker: Plastow, Ricci (United Kingdom)

PAO normalizes range of motion in dysplastic hips: A computer-assisted three-dimensional motion analysis

Authors: Zurmühle, Corinne / Schwab, Joseph / Siebenrock, Klaus / Kim, Young / Tannast, Moritz / Steppacher, Simon
Speaker: Steppacher, Simon (Switzerland)

Performing ischial and pubic osteotomies from medial approach during periacetabular ostetomy: An anatomic study

Authors: Gürses, Ilke / Özkaya, Ufuk / Gayretli, Özcan / Parmaksizoglu, Atilla / Çetiner Kale, Aysin / Bilgili, Fuat
Speaker: Bilgili, Fuat (Turkey)

Hand and wrist

FREE PAPER

SCAPHOID

Room Barcelona

10.30–12.00

Moderators: Haerle, Max (Germany), Dumontier, Christian (France)

Physical examination in scaphoid fractures; heamatoma, scaphoid compression test, tender anatomical snuffbox and radial compression

Authors: Rhemrev, Steven / Beeres, Frank / Grootendorst, Diana / Drijkoningen, Tessa
Speaker: Drijkoningen, Tessa (Netherlands)

Interobserver variability among radiologists for diagnosis of scaphoid fractures by computed tomography

Authors: Beeres, Frank / Kingma, Lucas / Otoide, Marleen / Schipper, Inger / Rhemrev, Steven / De Zwart, Anede
Speaker: De Zwart, Anede (Netherlands)

The importance of central screw placement in the distal and proximal pole in scaphoid waist fractures

Authors: Van Glabbeek, Francis / Hubens, Guy / Verstreken, Frederik / Braem, Marc / Meermans, Geert
Speaker: Meermans, Geert (Belgium)

Cast immobilization with and without immobilization of the thumb for nondisplaced scaphoid waist fractures: A multi-center randomized controlled trial

Authors: Goslings, J. Carel / Rhemrev, Steven / Weening, Alexander / Van Dijkman, Bart / Doornberg, Job / Ring, David / Buijze, Geert
Speaker: Buijze, Geert (Netherlands)

Minimally invasive surgery vs cast immobilization for stable scaphoid fractures

Authors: Dumitrescu, Mihnea / Radulescu, Sorin / Nanescu, Ciprian / Tanase, Dan / Dumitru, Costin
Speaker: Dumitru, Costin (Romania)

Outcomes of scaphoid fracture fixation using the Headless Compression Screw®: The Birmingham Hand Centre experience

Authors: Power, Dominic / Malik, Shahbaz / Tan, Simon / Simpson, Claire / Ahmed, Usman
Speaker: Ahmed, Usman (United Kingdom)

Plain radiograph vs arthroscopy in assessment of arthritic change in scapholunate ligament injury: Does arthroscopy lead to a change in management?

Authors: Bebbington, Andrew / Newington, David / Russell, Dougie / Masud, Saqib
Speaker: Masud, Saqib (United Kingdom)

Distal scaphoidectomy & radio-scapho-lunate arthrodesis using multiple Herbert screws as a motion preserving procedure in radiocarpal arthritis

Authors: Quolquela, Muhammad
Speaker: Quolquela, Muhammad (Egypt)

Four corner fusion with circular plate: Influence to the surgical capitulate reduction in dorsal impingement and wrist motion

Authors: Natera, Luis / Almenara, Marta / Proubasta, Ignacio / Álvarez, Carlos / Millan, Angelica / Lamas, Claudia
Speaker: Lamas, Claudia (Spain)

10:30 – 12:00

Trauma upper limb

SYMPOSIUM COMPLEX ELBOW INJURIES Room Brussels

10.30–12.00 Organiser: Stöckle, Ulrich (Germany)

Distal humerus fractures: How to fix?
Speaker: Raschke, Michael (Germany)

Radial head: to fix, remove or replace?
Speaker: Muñoz Vives, Josep María (Spain)

Monteggia like lesions
Speaker: Candrian, Christian (Switzerland)

Ligamentary injuries: When to fix and how?
Speaker: Lambert, Simon (United Kingdom)

Hip

FREE PAPER THA COMPLICATIONS Room Helsinki

10.30–12.00 Moderators: Ullmark, Gösta (Sweden), Levent, Eralp (Turkey)

Evaluation of fever and its related factors during 4 weeks after primary total hip arthroplasty
Authors: Noguchi, Hideo / Takeda, Mitsuhiro / Sato, Junko / Domae, Yo-Ichiro / Ishii, Yoshinori
Speaker: Ishii, Yoshinori (Japan)

Does two-stage revision of septic hip prosthesis provides better infection eradication rate than one-stage ?
Authors: Romanò, Delia / Drago, Lorenzo / Romanò, Carlo Luca / Logoluso, Nicola
Speaker: Romanò, Carlo Luca (Italy)

Diagnosis of periprosthetic hip Infection with quantification of synovial C-reactive protein
Authors: Martorell, Gabriel / Quinteros, Mauricio / Zanotti, Gerardo / Piccaluga, Francisco / Comba, Fernando / Buttaró, Martin
Speaker: Buttaró, Martin (Argentina)

It is highly unlikely that Leg length discrepancy after THR is an important risk factor regarding inferior clinical results in the short term
Authors: Brun, Ole-Christian / Olsson, Marianne / Maansson, Lukas / Steensland, Erik
Speaker: Steensland, Erik (Norway)

Management of sciatic nerve injuries following Total Hip Arthroplasty
Authors: Singh, Jagwant / Sinisi, Marco / Fox, Michael / Sicuri, Marco / Jeyaseelan, Luckshmana
Speaker: Jeyaseelan, Luckshmana (United Kingdom)

Is dislocation rate increasing after bipolar hemiarthroplasty in patients with neuromuscular disease?
Authors: Lee, H. / Lee, J. / Lee, S. / Shin, W. / Suh, Kuentak
Speaker: Suh, Kuentak (Korea, Republic of)

Major and minor complications following minimally invasive anterior approach with fracture table for Total Hip Arthroplasty
Authors: Karim, Azim / Balderree, David / Kreuzer, Stefan / Pourmoghaddam, Amir
Speaker: Kreuzer, Stefan (United States)

Stem subsidence: An important cause of dislocation after muscle sparing hip replacement
Authors: Olsson, Marianne / Maansson, Lukas / Brun, Ole-Christian
Speaker: Brun, Ole-Christian (Norway)

An evaluation of cases of revision surgery applied for polyethylene wear following Total Hip Arthroplasty
Authors: Bilgen, Sadik / Özdel, Ahmet / Bilgen, Ömer / Mutlu, Müren / Kara, Kürsat
Speaker: Mutlu, Müren (Turkey)



EFAS – European Foot and Ankle Society

Foot/ankle/leg

SPECIALITY SESSION	ANKLE ARTHRITIS: PREVENTION AND MANAGEMENT	Room Lisbon
10.30–12.00	Moderators: Delmi, Marino (Switzerland), Solan, Matthew (United Kingdom)	
	Medial ankle instability as a cause of chronic disability Speaker: Valderrabano, Victor (Switzerland)	
	The role of arthroscopy in the state of the art treatment of ankle arthritis Speaker: Ogüt, Tahir (Turkey)	
	Can this ankle be saved? Joint preserving surgery (OT, distraction) Speaker: Judet, Thierry (Switzerland)	
	Ankle prosthesis: why, where, when. Speaker: Besse, Jean-Luc (France)	
	Ankle allografts: why, where, when. Speaker: Giannini, Sandro (Italy)	
	Ankle arthrodesis: is it still the gold standard? Speaker: Singh, Dishan (United Kingdom)	

General Orthopaedics / complications / basic science / technology

SYMPOSIUM	RAPID RECOVERY PATIENTS PROGRAMMES. LESSONS FROM THE PAST AND NEW AREAS	Room Florence
10.30–12.00	Organiser: Kjaersgaard-Andersen, Per (Denmark)	
	Basic concepts in accelerating the rehabilitation after surgery Speaker: Kehlet, Henrik (Denmark)	
	What are the main results and changes after running accelerated patient programmes for 10 years in lower limb joint replacement in Denmark? Speaker: Husted, Henrik (Denmark)	
	Rapid recovery programmes in fragility fractures in the elderly. Is that possible? Speaker: Wendt, Klaus (Netherlands)	
	Rapid recovery programmes in spine surgery. Challenges and early outcome Speaker: Birch, Nicholas (United Kingdom)	

General education

SYMPOSIUM	STATISTICAL ANALYSIS IN ORTHOPAEDIC CLINICAL STUDIES	Room Nice
10.30–12.00	Organiser: Jolles-Haerberli, Brigitte (Switzerland)	
	Types of studies Speaker: Jolles-Haerberli, Brigitte (Switzerland)	
	Types of data, simple tests, confidence intervals and p-values Speaker: Petrie, Aviva (United Kingdom)	
	Sample size, regressions and survival curves Speaker: Biau, David (France)	
	Systematic errors: Biases, confounding, and clinical significant differences Speaker: Lübbecke-, Anne (Switzerland)	

10:30 – 12:00

General education

SYMPOSIUM ORTHOPAEDIC PUBLISHING IN 2013 Room Vienna

10.30–12.00 **Organiser: Villar, Richard (United Kingdom)**

Social media in orthopaedics
Speaker: Khanduja, Vikas (United Kingdom)

Seeking perfect English
Speaker: Scott, Gareth (United Kingdom)

Ups and downs of peer review
Speaker: Haddad, Fares (United Kingdom)

Making sense of outcomes
Speaker: Griffin, Xavier Luke (United Kingdom)

So your paper has just been accepted?
Speaker: Vodden, Emma (United Kingdom)

Helping my staff to publish
Speaker: Hoffmeyer, Pierre (Switzerland)

Sports / Knee soft-tissue

SYMPOSIUM MULTIPLE LIGAMENTS KNEE INJURY Room Madrid

10.30–12.00 **Organiser: Espregueira-Mendes, João (Portugal)**

Clinical and imaging evaluation of multiple ligament knee injuries
Speaker: Margheritini, Fabrizio (Italy)

ACL and PCL treatment
Speaker: Verdonk, René (Belgium)

How to address PCL and PLC Corner?
Speaker: Engebretsen, Lars (Norway)

Role of osteotomy in Acl, PCL and PCL lesions
Speaker: Denti, Matteo (Italy)

12:00 – 12:30

HONORARY LECTURE ERWIN MOSCHER HONORARY LECTURE Room Paris

12.00–12.30 **Speaker: Dubousset, Jean (France)**

3D, static and dynamic balance: The 3 fundamental bases in orthopedics

14:00 – 15:00

Tribology Free Paper Session with invited lecture

FREE PAPER THE HYPE OF CERAMIC – WILL IT CONTINUE? Room Paris

14.00–15.00 **Moderators: Kaddick, Christian (Germany), Knahr, Karl (Austria)**

Invited Lecture
Ceramic articulations: More benefits than concerns
Speaker: Knahr, Karl (Austria)

Long-term results of Ceramic-on-Ceramic bearings in combination with uncemented Total Hip Arthroplasty
Authors: Knahr, Karl / Pokorny-Olsen, Alexandra
Speaker: Pokorny-Olsen, Alexandra (Austria)

14:00 – 15:00

Fretting, corrosion and connection strength of large ceramic modular heads tested under In Vivo like conditions
 Authors: Preuss, Roman / Flohr, Markus / Streicher, Robert
 Speaker: Flohr, Markus (Germany)

Delta Ceramic-on-Ceramic Total Hip Replacement: Six cases of early delta ceramic liner fracture
 Authors: Mawdsley, Matthew / Loughhead, Jonathan / Mccourt, Ellen
 Speaker: Mccourt, Ellen (United Kingdom)

An audit of the incidence of joint noise following total hip arthroplasty (THA) when comparing:
 Ceramic-on-Ceramic, Ceramic-on-Metal and Metal-on-Polyethylene articulations
 Authors: O'Brien, Seamus / Hill, Janet / Beverland, David / Morlock, Michael / Stokes, Michael
 Speaker: Stokes, Michael (United Kingdom)

Hip

COMPLEX CASE DISCUSSION **CONTROVERSIAL ISSUES IN THA ON THE FEMORAL SIDE** **Room Munich**
14.00-15.00 **Organiser: Tokgozoglu, Ahmet Mazhar (Turkey)**

Speaker: Tokgozoglu, Ahmet Mazhar (Turkey)

Speaker: Binazzi, Roberto (Italy)

Speaker: Karachalios, Theofilos (Greece)

Speaker: Klauser, Wolfgang (Germany)

Hand and wrist

CLINICAL CASES **CLINICAL CASES: HAND & WRIST** **Room Barcelona**
14.00-15.00 **Moderators: Kopylov, Philippe / Uzumcugil, Akin (Turkey)**

Complex radio-carpal fracture-dislocation in a professional pianist: Early surgical treatment and rehabilitation - Case report
 Authors: Pompili, Massimo / Ceccarelli, Francesco / Corsini, Tiziana / Pedrazzini, Alessio / Paterlini, Marco
 Speaker: Pedrazzini, Alessio (Italy)

A misdiagnosis of traumatic hypersupination of the distal radioulnar joint
 Authors: Church, James / Saad, Ali / Asopa, Vipin
 Speaker: Asopa, Vipin (Australia)

Young woman with chronic swelling in her wrist and hand
 Authors: Lluch Bergada, Alex / Esteban, Ignacio / Llusà, Manel / Vidal Tarrascón, Nuria / Mir Bullo, Xavier / Nardi, Joan / Cáceres Palou, Enric / Cortina Gualdo, Josep
 Speaker: Cortina Gualdo, Josep (Spain)

Hydatid disease of the flexor synovial sheath of the forearm & the hand, a case report
 Authors: Allam, Ahmad
 Speaker: Allam, Ahmad (Egypt)

Mobilisation of triquetrum with radio-scapho-triquetral fusion for stage 3B Kienbock's disease- A preliminary report with 4 month follow up
 Authors: Singh, Harvinder / Ullah, Aamer / Dias, Joseph / Srinivasan, Suresh
 Speaker: Srinivasan, Suresh (United Kingdom)

Partial peripheral TFCC injury associated with an incomplete ulnar styloid fracture. A report of two cases
 Authors: Temporin, Ko / Yamamoto, Koji / Okamoto, Michio / Namba, Jiro
 Speaker: Namba, Jiro (Japan)

14:00 – 15:00

Polytrauma/Pelvis

INSTRUCTIONAL LECTURE **BIOLOGICS IN OPEN FRACTURES** Room Brussels
Moderator: Giannoudis, Peter (United Kingdom)
 14.00–15.00

Speaker: Haas, Norbert (Germany)

Paediatrics

CLINICAL CASES **CLINICAL CASES: PAEDIATRICS** Room Helsinki
Moderators: Böhm, Stephanie (Sweden), Inan, Muharrem (Turkey)
 14.00–15.00

Fracture of the medial growth plate of the clavicle with posterior dislocation. A difficult diagnosis
 Authors: Silva Gomes, Diogo / Soares, João / Guerreiro, Ricardo / Norte Ramos, Susana / Sant'Anna, Francisco / Cassiano Neves, Manuel / Magalhães, Glória
 Speaker: Magalhães, Glória (Portugal)

Iliac osteomyelitis presenting as septic arthritis of the hip joint
 Authors: Ryan, William / Davis, Naomi / Kociałkowski, Cezary
 Speaker: Kociałkowski, Cezary (United Kingdom)

Congenital soft tissue fibromatosis in a new born
 Authors: Villa, Ángel / Salcedo, María / González, Gaspar / González, José Luis / López-Barea, Fernando / De Las Heras, Jorge
 Speaker: De Las Heras, Jorge (Spain)

Delayed Grisel's syndrome diagnosis: Halo fixation or primary surgical treatment?
 Authors: Tarquini, Oliana / Oliveira, Vasco / Cardoso, Pedro / Gonçalves, Ricardo
 Speaker: Gonçalves, Ricardo (Portugal)

Femoral bowing and consequent stress fracture in an adolescent with glucose-6-phosphatase dehydrogenase deficiency (G6PD)
 Authors: Rashid, Abbas / Mellor, Simon / Abdul-Jabar, Hani B.
 Speaker: Abdul-Jabar, Hani B. (United Kingdom)

Management of severe unstable open pelvic ring disruption with perineum wound, hip dislocation, and femoral diaphyseal fracture in a 7-year-old patient
 Authors: Hayashi, Yoshikazu / Mukouhujwara, Yuka / Sekiya, Isato / Otsuka, Takanobu / Takada, Naoya / Joyo, Yuji
 Speaker: Joyo, Yuji (Japan)

EFAS – European Foot and Ankle Society



Foot/ankle/leg
SPECIALITY SESSION **HALLUX VALGUS** Room Lisbon
Moderators: Delmi, Marino (Switzerland), Redfern, David (United Kingdom)
 14.00–15.00

Variability and Classification
 Speaker: Alvarez, Fernando (Spain)

Classical open surgical treatment
 Speaker: Delmi, Marino (Switzerland)

Mini-invasive surgery
 Speaker: Rabat Ribes, Eduard (Spain)

Percutaneous surgery
 Speaker: Magnan, Bruno (Italy)

Evidence based results
 Speaker: Rochwerger, Alexandre (France)

14:00 – 15:00

Sports / Knee soft-tissue

INSTRUCTIONAL LECTURE **MODERN INDICATION FOR A HIGH TIBIAL OSTEOTOMY** Room Florence
 14.00–15.00 Moderator: Neyret, Philippe (France)

Speaker: Denti, Matteo (Italy)

General Orthopaedics / complications / basic science / technology

INSTRUCTIONAL LECTURE **HOW TO INTRODUCE NEW IMPLANTS/TECHNIQUES** Room Nice
 14.00–15.00 Moderator: Macheras, George (Greece)

Speaker: Malchau, Henrik (Sweden)

Knee osseous

FREE PAPER **TKA – TECHNIQUE RELATED OUTCOMES** Room Vienna
 14.00–15.00 Moderators: Steens, Wolfram (Germany), Gamal, Ahmed Hosny (Egypt)

Does extension gap balance affect flexion gap balance on TKA?
 Authors: Iida, Satoshi / Suzuki, Chiho / Miyamoto, Shuichi / Kawamoto, Taisei
 Speaker: Kawamoto, Taisei (Japan)

Midflexion knee instability in primary total knee replacement: A nationwide survey of British Association for Surgery of Knee (BASK) members
 Authors: Jennings, Andrew / Gregory, Robert / Ramappa, Manjunath
 Speaker: Ramappa, Manjunath (United Kingdom)

The effect of infrapatellar fat pad excision in postoperative complication after Minimally Invasive Surgery Total Knee Arthroplasty (MIS-TKA)
 Authors: Pinsornsak, Piya
 Speaker: Pinsornsak, Piya (Thailand)

Does minimally-invasive Total Knee Arthroplasty lead to better postoperative quadriceps function?
 Authors: Krismser, Martin / Koller, Arnold / Semenitz, Barbara / Mayr, Eckart / Liebensteiner, Michael
 Speaker: Liebensteiner, Michael (Austria)

Minimum 10-Year follow-up of Total Knee Arthroplasty using gap balancing technique in young and active patients
 Authors: Ranawat, Amar / Ranawat, Chitranjan / Meftah, Morteza
 Speaker: Meftah, Morteza (United States)

Prospective randomized controlled clinical study with radiographic control on conventional and Mini Mid-Vastus (MMV) Total Knee Arthroplasty (TKA) with 2 years follow-up
 Authors: Pilot, Peter / Niesten, Dieu Donné / Verhaar, Jan / Verburg, Hennie
 Speaker: Verburg, Hennie (Netherlands)

Sports / Knee soft-tissue

COMPLEX CASE DISCUSSION **LIGAMENT INJURY OF THE IMMATURE KNEE: CONSERVATIVE AND SURGICAL TREATMENTS** Room Madrid
 14.00–15.00 Organiser: Doral, Mahmut Nedim (Turkey)

Introduction and evaluation of the injured ligaments at the immature knees
 Speaker: Doral, Mahmut Nedim (Turkey)

Surgical options and risks in pediatric ACL reconstructions
 Speaker: Seil, Romain (Luxembourg)

Challenges of pediatric ligament injuries
 Speaker: Camathias, Carlo (Switzerland)

14:00 – 15:00

Knee injuries in the young soccer players, treatment modality returning to sport in a junior team in the first division

Speaker: Huylebroek, José (Belgium)

14:00 – 18:15

Hip

INTERACTIVE
EXPERT
EXCHANGE
14.00-18.15

ADVANCED CONCEPTS AND TREATMENT STRATEGIES FOR FEMOROACETABULAR IMPINGEMENT

Room Copenhagen

Organiser: Leunig, Michael (Switzerland)

The failure mechanisms of mechanical hip disease

Speaker: Witt, Johan (United Kingdom)

Making the right diagnosis: Who can benefit from surgery?

Speaker: Christofilopoulos, Panayiotis (Switzerland)

Limits for hip arthroscopy: What can be managed and when have we gone too far?

Speaker: Field, Richard (United Kingdom)

When is open surgery required?

Speaker: Ganz, Reinhold (Switzerland)

Outcomes of FAI surgery: Where are we today?

Speaker: Dora, Claudio (Switzerland)

15:00 – 16:00

Paediatrics

FREE PAPER
15.00-16.00

PAEDIATRICS HIP DISORDERS

Room Helsinki

Moderators: Krauspe, Rüdiger (Germany), Gamal, Ahmed Hosny (Egypt)

The effect of circulating endothelial progenitor cells, serum vascular endothelial growth factor and hypogammaglobulinemia in Perthes disease

Authors: Bedir, Abdülkerim / Usta, Dilek / Yildiran, Alisan / Gülman, Birol / Sezgin, Hicabi

Speaker: Gülman, Birol (Turkey)

Subcapital re-alignment procedure for severe SCFE with intra-operative monitoring of femoral head perfusion and post-operative bone scan: 43 cases

Authors: Birke, Oliver / Gibbons, Paul / Little, David

Speaker: Little, David (Australia)

Impact of triple pelvic osteotomy on hip stress pressure distribution

Authors: Seslija, Igor / Spasovski, Dusko / Vucetic, Cedimir / Vukasinovic, Zoran

Speaker: Spasovski, Dusko (Serbia)

Paediatrics: 3D position of the femoral head centre relative to its ossification centre – A retrospective study

Authors: Castanier, Elisabeth / Edelmann, Mickael / Jacquemier, Michel / Bollini, Gérard / Petit, Philippe / Vancura, Lukas / Jouve, Jean-Luc / Pomoer, Vincent

Speaker: Pomoer, Vincent (France)

The delay in diagnosis of Slipped capital femoral epiphysis and its sequelae on the number of surgical procedures

Authors: Landauer, Franz / Thaler, Christoph

Speaker: Thaler, Christoph (Austria)

Results of treatment of severe grade of SCFE

Authors: Dungal, Pavel / Oštádal, Martin / Chomiak, Jiri

Speaker: Chomiak, Jiri (Czech Republic)

15:30 – 16:50

EFOST – European Federation of National Associations of Orthopaedic Sports Traumatology



Sports / Knee soft-tissue

SPECIALITY SESSION 15.30-16.50	SINE QUA NON / AN ESSENTIAL ELEMENT OR CONDITION – SPORTS AND OA Moderators: Doral, Mahmut Nedim (Turkey), Papadopoulos, Pericles (Greece)	Room Barcelona
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Benign contusions in sport!
Speaker: Adamczyk, Grzegorz (Poland)

Is "Knee Instability" a real risk factor of OA in adolescents?
Speaker: Huylebroek, José (Belgium)

Medical treatment of the arthritic knee in athletes
Speaker: Felmet, Gernot (Germany)

Return to sport after knee osteotomies
Speaker: Kelberine, François M. (France)

Biological partial joint replacement in local defects
Speaker: Almqvist, Fredrik (Belgium)

General Remarks for arthroplasty & sports
Speaker: Pijnenburg, Bas (Netherlands)

Arthroplasty and soft tissue stability
Speaker: Cerulli, Giuliano Giorgio (Italy)

Limited surface arthroplasty and sports
Speaker: Doral, Mahmut Nedim (Turkey)

Unicondylar knee arthroplasty and sports
Speaker: Benazzo, Francesco (Italy)

15:30 – 17:00

Tribology Free Paper Session with invited lecture

FREE PAPER 15.30-17.00	METAL-ON-METAL: STILL AN OPTION? Moderators: Günther, Klaus-Peter (Germany), Savk, Öner (Turkey)	Room Paris
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Invited lecture
Current concepts in Metal-on-Metal articulations
Speaker: Günther, Klaus-Peter (Germany)

Primary cementless Total Hip Arthroplasty with second generation Metal-on-Metal bearings
Authors: Gruebl, Alexander / Kolb, Alexander / Kubista, Bernd / Giurea, Alexander / Domayer, Stephan / Windhager, Reinhard / Lass, Richard
Speaker: Lass, Richard (Austria)

Metal-on-Metal Total Hip Arthroplasty after a ten-year follow-up
Authors: Kimura, Osamu / Cury, Marco Bernardo / Penedo, Jorge / Freitas, Emilio / Leal, Diogo
Speaker: Leal, Diogo (Brazil)

Long-term results of cementless Metal-on-Metal Total Hip Arthroplasty
Authors: Katori, Yoichi / Yamamoto, Kengo / Tateiwa, Toshiyuki / Kubo, kousuke / Shishido, Takaaki / Masaoka, Toshinori / Ishida, Tsunehito
Speaker: Ishida, Tsunehito (Japan)

Ten-year survival of the Birmingham Hip Resurfacing in patients aged 65 and over
Authors: Sharma, Akash / Treacy, Ronan / Pynsent, Paul / Matharu, Gulraj / Pailhe, Regis
Speaker: Pailhe, Regis (United Kingdom)

15:30 – 17:00

Ten year comparative effectiveness of Metal-on-Metal vs standard polyethylene-ceramic THAs with a small diameter head

Authors: Garavaglia, Guido / Roussos, Constantinos / Bonvin, Alexis / Peter, Robin / Hoffmeyer, Pierre / Lübbecke, Anne / González, Amanda
Speaker: González, Amanda (Switzerland)

Predisposing factors for pseudotumour formation in patients with adverse reaction to metal debris

Authors: Puolakka, Timo / Pajamäki, Jorma / Elo, Petra / Lainiala, Olli / Eskelinen, Antti / Reito, Aleks
Speaker: Reito, Aleks (Finland)

Metal Ions and Acetabular Inclination do not correlate with pathology found on MRI following Metal-on-Metal hip arthroplasty

Authors: Bergin, Karen / Kelly, Gabrielle / Chabra, Jatinder / Kelly, Ian / McCoy, Gerry / Wozniak, Andrew / Ryan, Anthony / Quinlan, John / Fox, Ciara
Speaker: Fox, Ciara (Ireland)

Hip

FREE PAPER

HIP ARTHROSCOPY

Room Munich

15.30–17.00

Moderators: Tokgözoğlu, Ahmet Mazhar / Aydogdu, Semih (Turkey)

Timing in hip arthroscopy

Authors: Jayasekera, Narlaka / Villar, Richard / Aprato, Alessandro
Speaker: Aprato, Alessandro (Italy)

Accessibility of extra-articular pathologies of iliopsoas tendon and bursitis of greater trochanter in hip arthroscopy

Authors: Ettinger, Max / Budde, Stefan / Ezechieli, Marco / Thorey, Fritz
Speaker: Thorey, Fritz (Germany)

2-year follow-up after arthroscopic treatment of femoro-acetabular impingement (FAI)

Authors: Birkhoelzer, Sarah / Pfeil, Joachim / Donner, Stefanie / Specht, Juergen
Speaker: Specht, Juergen (Germany)

A prospective study on the effect of Labral Repair on post operative hip scores following arthroscopic FAI surgery

Authors: Morizzi, Rosa / Nabavi, Arash / Philibert, Stephanie
Speaker: Nabavi, Arash (Australia)

A prospective study comparing the results of primary and revision arthroscopic hip surgery for the treatment of FAI

Authors: Morizzi, Rosa / Nabavi, Arash / Philibert, Stephanie
Speaker: Nabavi, Arash (Australia)

Arthroscopic treatment of femoro acetabular impingement: 4 to 7 years follow-up

Authors: Bertino, Antonio / Potestio, Domenico / Santori, Nicola
Speaker: Santori, Nicola (Italy)

Arthroscopy in painful hip arthroplasty : Analysis of 11 cases

Authors: Fantasia, Rossana / Sabbioni, Giacomo / Rani, Nicola / Filanti, Mattia / Stagni, Cesare / Dallari, Dante
Speaker: Dallari, Dante (Italy)

Revision hip arthroscopic surgery: Outcome at three years

Authors: Jayasekera, Narlaka / Villar, Richard / Aprato, Alessandro
Speaker: Aprato, Alessandro (Italy)

Patient-reported outcomes in cemented and uncemented Total Hip Replacements

Authors: Garellick, Göran / Kärrholm, Johan / Rolfson, Ola
Speaker: Rolfson, Ola (Sweden)

Polytrauma/Pelvis

SYMPOSIUM

TRAUMA AND ORTHOPAEDICS IN CONFLICT AND POST-CONFLICT SETTINGS

Room Brussels

15.30–17.00

Organiser: Ciritsis, Bernard (Switzerland)

Treatment approaches in aggressive trauma in a hospital in the heart of urban tensions. Results of a retrospective study about 101 patients during 30 months.

Speaker: de Landevoisin, Emmanuel (France)

Adverse effects by a long-term presence of humanitarian organizations in developing countries

Speaker: Jouve, Jean-Luc (France)

15:30 – 17:00

Osteosynthesis and natural disasters
Speaker: Herard, Patrick (France)

ICRC war survey
Speaker: Veen, Harald (Switzerland)

Foot/ankle/leg

FREE PAPER

TENDONS HINDFOOT

Room Lisbon

15.30–17.00

Moderators: Tourné, Yves (France), Esemnli, Tanil (Turkey)

Peroneal tendon pathology associated with idiopathic subtle Cavovarus foot
Authors: Pomeroy, Greg / Sung, Wenjay / Keplinger, Marie
Speaker: Keplinger, Marie (United States)

Triple tendon Ttransfer for correction of foot drop in common peroneal nerve palsy
Authors: Rantissi, M. / Oberlin, Christophe / Dalwol, Abdalla / Rafee, Asan
Speaker: Rafee, Asan (United Kingdom)

A prospective, randomised, controlled trial to assess the efficacy of whole blood or platelets in the treatment of chronic Achilles tendinosis
Authors: Bass, Cheryl / Bourke, Gerard
Speaker: Bourke, Gerard (Australia)

Endoscopic treated midportion Achilles tendinopathy with or without intraoperative platelet-rich plasma application: A one-year prospective randomized study
Authors: Fischer, Ralph / Thermann, Hajo
Speaker: Thermann, Hajo (Germany)

Dermal and tendinous microcirculation of the healthy Achilles tendon
Authors: Gradl, Gertraud / Sellei, Richard / Kobbe, Philipp / Dienstknecht, Thomas / Pfeifer, Roman / Pape, Hans-Christoph / Lichte, Philipp / Pishnamaz, Miguel / Knobe, Matthias / Carow, Bennet
Speaker: Carow, Bennet (Germany)

Ultrasound elastography imaging of healing ruptured Achilles tendons: A measure of mechanical healing
Authors: Brown, Philip / Thompson, Mark / Willett, Keith / Noble, Alison / Alsousou, Joseph
Speaker: Alsousou, Joseph (United Kingdom)

Treatment of the insertional Achilles tendinopathie through a transtendinous approach
Authors: Razaq, Rameez / Waizy, Hazibullah / Stukenborg-Colsman, Christina / Plaass, Christian
Speaker: Plaass, Christian (Germany)

A novel way to reconstruct the neglected Achilles tendon rupture
Authors: Clayton, James / Asopa, Vipin
Speaker: Asopa, Vipin (Australia)

Alternative treatment for recalcitrant plantar fasciitis: Proximal medial gastrocnemius release (minimally invasive surgical technique)
Authors: Medina Santos, Monica / De Lucas Aguilar, Rocio / Ortega González, Javier / Bau González, Alonso / Escribano Rueda, Lydia / Salgado Rodrigo, Angel / Nuñez García, Ana
Speaker: Nuñez García, Ana (Spain)

General education

SYMPOSIUM

THIRD WORLD ORTHOPAEDICS

Room Florence

15.30–17.00

Organiser: Wurnig, Christian (Austria)

Sustainability in third world orthopaedics, is it possible?
Speaker: Mannion, Steve (United Kingdom)

Ponseti metod in India from 2009 to 2013
Speaker: Ey Batlle, Ana (France)

Arthroscopy in Cuba, an ongoing project
Speaker: Wurnig, Christian (Austria)

15:30 – 17:00

Consequences of political instability during an ongoing project
Speaker: Radler, Christof (Austria)

General Orthopaedics / complications / basic science / technology

FREE PAPER RISK FACTORS IN LOWER LIMB ARTHROPLASTY Room Nice

15.30–17.00 Moderators: Isiklar, Ugur (Turkey), Husted, Henrik (Denmark)

Heparin induced thrombocytopenia following lower limb arthroplasty: Should we be concerned?
Authors: Cobb, Andrew / Craik, Johnathan
Speaker: Craik, Johnathan (United Kingdom)

Reduced medium-term mortality following primary Total Hip and Knee Arthroplasty with an Enhanced Recovery Programme
Authors: Savaridas, Terence / Reed, Mike / Martin, Kate / Serrano-Pedraza, Ignacio / Malviya, Ajay / Khan, Sameer
Speaker: Khan, Sameer (United Kingdom)

The influence of pre-operative anaemia on outcomes after primary hip and knee arthroplasty under an Enhanced Recovery programme
Authors: Reed, Mike / Jameson, Simon / Petheram, Tim / Partington, Paul / Fishley, William / Khan, Sameer
Speaker: Khan, Sameer (United Kingdom)

Adverse perioperative outcomes following elective total hip arthroplasty in diabetes mellitus: A systematic review and meta-analysis of cohort studies
Authors: Gaston, Paul / Tsang, Shao-Ting
Speaker: Tsang, Shao-Ting (United Kingdom)

Total Hip Replacement in intravenous drug users: Long-term outcome and immunological status
Authors: Riedl, Martina / Giurea, Alexander / Fischer, Michael / Gruebl, Alexander
Speaker: Gruebl, Alexander (Austria)

Bleeding-related wound complications during chemical thromboprophylaxis in Total Hip Replacement: What's chemical and what's technical?
Authors: do Carmo, Wellington / Gomes, Luiz
Speaker: Gomes, Luiz (Brazil)

The effect of chronic kidney disease on total knee arthroplasty: An evaluation of perioperative morbidity and implant longevity
Authors: Inacio, Maria / Namba, Robert / Miric, Alexander
Speaker: Miric, Alexander (United States)

Fewer and older patients with rheumatoid arthritis need Total Knee Replacement
Authors: Honkanen, Pirjo / Eskelinen, Antti / Huhtala, Heini / Remes, Ville / Skyttä, Eerik
Speaker: Skyttä, Eerik (Finland)

Knee osseous

FREE PAPER UNICOMPARTMENTAL KNEE Room Vienna

15.30–17.00 Moderators: Thienpont, Emmanuel (Belgium), Ozkan, Ilhan (Turkey)

Does the appearance of the patellofemoral joint at surgery influence the clinical result in medial unicompartmental knee arthroplasty?
Authors: Kim, Bu-Hwan / Ahn, Seong-Jun / Yoo, Seong-Ho / Song, Moo-Ho
Speaker: Song, Moo-Ho (Korea, Republic of)

Increase of tibial slope reduces wear in medial unicompartmental fixed-bearing knee arthroplasty
Authors: Utzschneider, Sandra / Pietschmann, Matthias / Jansson, Volkmar / Schröder, Christian / Weber, Patrick / Müller, Peter
Speaker: Weber, Patrick (Germany)

All-poly tibial component in unicompartmental knee arthroplasty: A prospective study with 13 years minimum follow-up
Authors: Confalonieri, Norberto / Aldè, Simone / Manzotti, Alfonso
Speaker: Manzotti, Alfonso (Italy)

15:30 – 17:00

Improved positioning of the tibial component in unicompartmental knee arthroplasty with patient-specific cutting blocks

Authors: Helmy, Näder / Diezi, Christian / Goerres, Gerhard / Dao Trong, Mai Lan
Speaker: Dao Trong, Mai Lan (Switzerland)

Unicompartmental knee arthroplasty: Is robotic technology more accurate than conventional technique?

Authors: Conditt, Michael / Banks, Scott / Pearle, Andrew / Suero, Eduardo / Citak, Mustafa
Speaker: Citak, Mustafa (Germany)

Lateral unicompartmental arthroplasty – Midterm survivorship and knee scores at minimum 5-year follow-up for fixed bearing, all-polyethylene tibial prosthesis

Authors: Porteous, Andrew / Murray, James / Robinson, James / Hassaballa, Mohammed / Smith, James
Speaker: Smith, James (United Kingdom)

Convex tibial component lowers PE dislocation rate in mobile bearing unicondylar knee prosthesis. Early clinical results of a multicentre study on 175 cases

Authors: Campbell, David / Veckman, Geert / Stuyts, Bart / Hoffmann, Frank
Speaker: Hoffmann, Frank (Germany)

The uniglide unicompartmental knee replacement: Early functional outcomes and survivorship from an independent centre

Authors: Richmond, Catherine / Spalding, Tim / Thompson, Peter / Odumenya, Michelle
Speaker: Odumenya, Michelle (United Kingdom)

Unicompartmental knee arthroplasty modes of failure. A multicentre study of 418 failed knees

Authors: Epinette, Jean Alain / Brunschweiler, Benoit / Bonnin, Michel / Leyder, Marie / Mertl, Patrice
Speaker: Mertl, Patrice (France)

Sports / Knee soft-tissue

FREE PAPER

ANTERIOR CRUCIATE LIGAMENT

Room Madrid

15.30–17.00

Moderators: Margheritini, Fabrizio (Italy), Karahan, Mustafa (Turkey)

Anatomy of the Anterior Cruciate Ligament related to Hamstrings tendons grafts. A Cadaveric study.

Authors: Beaufile, Philippe / Boisrenoult, Philippe / Pujol, Nicolas
Speaker: Pujol, Nicolas (France)

The oblique lateral ligament – Novel observations on a structure to resist the pivot shift

Authors: Gupte, Chinmay / Williams, Andy / Amis, Andrew / Dodds, Alexander
Speaker: Dodds, Alexander (United Kingdom)

Prediction of the quadruple hamstring autograft thickness in anterior cruciate ligament reconstruction using anthropometric measures

Authors: Celiktas, Mustafa / Golpinar, Alper / Sutuluk, Zeynel / Celebi, Kamile / Sarpel, Yaman / Kose, Ozkan
Speaker: Kose, Ozkan (Turkey)

Partial anterior cruciate ligament tears: Histological study of the posterolateral bundle remnant

Authors: Sonnery Cottet, Bertrand / Colombet, Philippe / Potel, Jean François / Trojani, Christophe / Panisset, Jean Claude / Cucurulo, Thomas / Hulet, Christophe / Graveleau, Nicolas / Servien, Elvire / Djian, Patrick / Bazille, Celine / Pujol, Nicolas
Speaker: Pujol, Nicolas (France)

Inertial sensors and a standardized pivot shift maneuver are able to correctly highlight knee joint laxity

Authors: Lopomo, Nicola / Signorelli, Cecilia / Hoshino, Yuichi / Ahlden, Mattias / Araujo, Paulo / Fu, Freddie / Musahl, Volker / Zaffagnini, Stefano
Speaker: Zaffagnini, Stefano (Italy)

Diagnosis of different patterns of anterior cruciate ligament tears with instrumented laximetry

Authors: Panisset, Jean-Claude / Vasconcelos, Wilson / Saggin, Paulo / Dejour, David / Ntangiopoulos, Panagiotis
Speaker: Ntangiopoulos, Panagiotis (France)

Effect of femoral tunnel widening on the clinical and functional results in single bundle ACL reconstruction with aperture fixation using two different techniques- Transtibial versus anteromedial portal

Authors: Jain, Vineet / Bahl, Vibhu / Joshi, Deepak / Chaudhary, Deepak / Goyal, Ankit
Speaker: Goyal, Ankit (India)

15:30 – 17:00

Comparison of radiological and clinical results between transtibial and outside-in femoral tunnel in single bundle ACL reconstruction

Authors: Kim, Chang-Wan / Seo, Jin-Hyuk / Seo, Seung-Suk
Speaker: Seo, Seung-Suk (Korea, Republic of)

Anatomical posterolateral corner reconstruction : Mid-term results

Authors: Boisrenoult, Philippe / Wasserman, Vincent / Pujol, Nicolas / Tardy, Nicolas / Beaufile, Philippe
Speaker: Beaufile, Philippe (France)

16:00 – 17:00

Paediatrics

FREE PAPER

DEVELOPMENTAL DYSPLASIA OF THE HIP

Room Helsinki

16.00–17.00

Moderators: Ömeroglu, Hakan (Turkey), Grill, Franz (Austria)

The benefits of anterior ultrasound scanning during treatment of developmental dysplasia of the hip

Authors: Cox, Peter / Carlile, Graeme / Woodacre, Timothy
Speaker: Woodacre, Timothy (United Kingdom)

Effect of gestational age on the sonographic hip screening in term infants

Authors: Bilgili, Mustafa / Çolakoglu, Bulent / Demirhan, Mehmet / Seyahi, Aksel / Orak, Mehmet / Uludag, Serkan
Speaker: Uludag, Serkan (Turkey)

Staged weaning versus immediate cessation of Pavlik harness treatment: A retrospective comparative study

Authors: Westacott, Daniel / Waton, Andrew / Webb, Mark / Henman, Philip / Cooke, Stephen / Mackay, Nicola
Speaker: Mackay, Nicola (United Kingdom)

An analysis of the failure rates of Pavlik harness treatment for developmental dysplasia of the hip. Age of presentation and ultrasound findings are also analysed

Authors: Henman, Philip / Harrison, William / Elfaki, Ahmed
Speaker: Elfaki, Ahmed (United Kingdom)

Prognosis of late sequelae after early successful Pavlik harness treatment of dysplastic and unstable neonatal hip joints

Authors: Georgiev, Hristo / Alexiev, Venelin
Speaker: Alexiev, Venelin (Bulgaria)

An economic evaluation of the surveillance and treatment of developmental dysplasia of the hip in children

Authors: Cox, Peter / Edwards, Caroline / Carlile, Graeme
Speaker: Carlile, Graeme (United Kingdom)

16:50 – 18:15

EFOST – European Federation of National Associations
of Orthopaedic Sports Traumatology



Sports / Knee soft-tissue

SPECIALITY
SESSION

SINE QUA NON / AN ESSENTIAL ELEMENT OR CONDITION – SPORTS AND OA

Room Barcelona

16.50–18.15

Moderators: Huylebroek, José (Belgium), Canata, Gian Luigi (Italy)

Return to Sports after Shoulder arthroplasty

Speaker: Papadopoulos, Pericles (Greece)

Return to Sports after Elbow arthroplasty

Speaker: Pederzini, Luigi A. (Italy)

Return to Sports after Hip arthroplasty

Speaker: Canata, Gian Luigi (Italy)

Return to Sports after total knee arthroplasty

Speaker: Haspl, Miroslav (Croatia)

17:15 – 18:15

Which type of implant is my preference for the knee arthroplasty?
Speaker: Jones, Henrique (Portugal)

Return to Sports after ankle arthroplasty
Speaker: Therman, Hajo (Germany)

Does electrotherapy restore muscle function after knee arthroplasty
Speaker: Callaghan, Michael J. (United Kingdom)

Sports after Arthroplasty. How far can we go?
Speaker: Callaghan, Michael J. (United Kingdom)

Take home message
Speaker: Maffulli, Nicola (United Kingdom)

17:15 – 18:15

Tribology	Free Paper Session with invited lecture	
FREE PAPER SESSION	IMPROVEMENTS OF POLYETHYLENE – HAVE WE REACHED THE GOAL?	Room Paris
17.15-18.15	Moderators: Sur, Hakki (Turkey), Muratoglu, Orhun Kamil (Turkey)	

What happens to the vitamin E in a vitamin-doped HXLPE?
Authors: Lerf, Reto / Delfosse, Daniel
Speaker: Delfosse, Daniel (Switzerland)

Multicenter RSA evaluation of vitamin E doped highly cross-linked polyethylene liners and acetabular cup stability
Authors: Sillesen, Nanna / Nebergall, Audrey / Nielsen, Poul / Laursen, Mogens / Troelsen, Anders / Greene, Meridith / Malchau, Henrik
Speaker: Sillesen, Nanna (United States)

Wear evaluation of thin acetabular liners on 36mm femoral heads
Authors: Johnson, Aaron / Herrera, Lizeth / Delanois, Ronald / Mont, Michael / Loving, LaQuawn
Speaker: Loving, Laquawn (United States)

Comparison of linear wear rate according to femoral head sizes in metal on conventional UHMWPE liner
Authors: Cho, Yoon Je
Speaker: Cho, Yoon Je (Korea, Republic of)

Invited Lecture
The evolution of polyethylenes
Speaker: Muratoglu, Orhun (Turkey)

Hip		
DEBATE FORUM	ARTHROPLASTY VS. OSTEOSYNTHESIS AFTER FEMORAL NECK FRACTURE	Room Munich
17.15-18.15	Organiser: Overgaard, Søren (Denmark)	

Arthroplasty after femoral neck fracture
Speaker: Rogmark, Cecilia (Sweden)

Osteosynthesis after femoral neck fracture
Speaker: Ovesen, Ole (Norway)

Polytrauma/Pelvis		
COMPLEX CASE DISCUSSION	MAJOR PELVIC AND SPINE FRACTURES	Room Brussels
17.15-18.15	Organiser: Guerado Parra, Enrique (Spain)	

Speaker: Giannoudis, Peter (United Kingdom)

Speaker: Kinik, Hakan (Turkey)

17:15 – 18:15

Paediatrics

FREE PAPER

BASIC SCIENCES

Room Helsinki

17.15–18.15

Moderators: Yazici, Muharrem (Turkey), Lascombes, Pierre (Switzerland)

What happens when we remove staples in epiphysiodesis? : Experimental study in rabbits

Authors: Coskun, Melike / Komur, Ahmet / Oral, Aylin / Yilmaz, Baris / Komur, Baran

Speaker: Komur, Baran (Turkey)

Immunohistochemical analysis of bone bridge formation in the injured growth plate – A 9-month follow-up study

Authors: Musumeci, Giuseppe / Martinelli, Elisabeth / Sonderegger, Gudrun / Fischerauer, Eva / Weinberg, Annelie / Pichler, Karin

Speaker: Pichler, Karin (Austria)

Thermal epiphysiodesis made with radio frequency ablation: An alternative treatment for leg length discrepancy?

Authors: Rahbek, Ole / Stødkilde-Jørgensen, Hans / Møller-Madsen, Bjarne / Shiguotomi-Medina, Juan

Speaker: Shiguotomi-Medina, Juan (Denmark)

A study to predict transverse fracture strength of long bones in an infant by development of an In Vitro animal model of immature porcine metacarpal bones and using three-point bending

Authors: Malik, Sheraz / Theobald, Peter / Jones, Mike / Malik, Shahbaz

Speaker: Malik, Shahbaz (United Kingdom)

Prevalence of vitamin D insufficiency in Swiss teenagers with appendicular fractures: a prospective study of 100 cases

Authors: Lascombes, Pierre / Dayer, Romain / De Coulon, Geraldo / Anderson Della Llana, Rebecca / Martin, Xavier / Ceroni, Dimitri / Dubois-Ferrière, Victor

Speaker: Dubois-Ferrière, Victor (Switzerland)

A valid scoring system for the assessment of lower limb disability in children

Authors: Fry, Helen / Abraham, Alwyn / Ghosh, Arijit

Speaker: Ghosh, Arijit (United Kingdom)

Foot/ankle/leg

FREE PAPER

FOREFOOT

Room Lisbon

17.15–18.15

Moderators: Delmi, Marino (Switzerland), Magnan, Bruno (Italy)

Comparison of transarticular lateral soft tissue release and conventional lateral soft tissue release in sequential bilateral distal chevron metatarsal osteotomy and unilateral distal chevron metatarsal osteotomy for the treatment of Hallux Valgus

Authors: Lee, Ho Seong / Seo, Dong Kyo / Ahn, Jiyong

Speaker: Seo, Dong Kyo (Korea, Republic of)

Percutaneous metatarsal osteotomy or open technique? Is there evidence for a preferred option? A prospective randomized comparative study

Authors: Lemeur, Mael / Frey, Solenne / Curvale, Georges / Rochwerger, Alexandre / Roustan, Emilie

Speaker: Roustan, Emilie (France)

Weil osteotomy vs distal metatarsal mini-invasive osteotomy form metatarsalgia and the Hallux Valgus influence in its outcome

Authors: Masferrer, Ángel / Bernal Vargas, Juan / Alberti, Gloria / Matas, Mariano / Yáñez, Federico

Speaker: Yáñez, Federico (Spain)

Use of Smart Toe® implant for small toe arthrodesis. A smart concept ?

Authors: Kimura, Shiori / Ahmad, Tayyab / D'Souza, Lester / Khan, Faiz

Speaker: Khan, Faiz (Ireland)

A comparison of arthrodesis, resurfacing hemiarthroplasty and total joint replacement in the treatment of advanced Hallux Rigidus

Authors: Elmadag, Nuh / Tunçer, Nejat / Bilsel, Kerem / Uçan, Vahdet / Erkoçak, Ömer / Sen, Cengiz / Polat, Gökhan / Erdil, Mehmet

Speaker: Erdil, Mehmet (Turkey)

Patient experiences following implant removal after elective foot and ankle surgery: An exploratory study

Authors: Roddam, Hazel / Dykes, Fiona / Sundar, Manthravadi / Wadia, Farokh

Speaker: Wadia, Farokh (United Kingdom)

17:15 – 18:15

Polytrauma/Pelvis

FREE PAPER	PELVIC FRACTURES: DIAGNOSTIC CHALLENGES AND FUNCTIONAL OUTCOME	Room Florence
17.15–18.15	Moderators: Siebenrock, Klaus (Switzerland), Okçu, Güvenir (Turkey)	
	Computer-assisted 3-D analysis of the safe infraacetabular bone path for a long 3.5 mm screw Authors: Arlt, Stephan / Radetzki, Florian / Marintschev, Ivan / Noser, Hansrudi / Hofmann, Gunther / Mendel, Thomas Speaker: Mendel, Thomas (Germany)	
	Radiographic measurement technique for vertical displacement of pelvic ring injury: Experimental cadaveric study Authors: Harnroongroj, Thossart / Boontanapibul, Krit Speaker: Boontanapibul, Krit (Thailand)	
	Anatomical variability of the sacrum and its implication on trans-sacral corridors and implant positioning. Results from CT based 3D statistical modeling Authors: Rommens, Pol Maria / Sawaguchi, Takeshi / Kamer, Lukas / Noser, Hansrudi / Wagner, Daniel Speaker: Wagner, Daniel (Switzerland)	
	Anterior iliac spines avulsion fractures: Surgery and conservative treatment in the adolescent. Mid- and long-term follow-up Authors: Paterlini, Marco / Betti, Emanuele / Faldini, Alessandro / Ceccarelli, Francesco / Calderazzi, Filippo Speaker: Calderazzi, Filippo (Italy)	
	Evaluation of variables affecting clinical and functional outcomes in surgically treated acetabular fractures Authors: Sen, Ramesh / Aggarwal, Sameer / Meena, Umesh / Tripathy, Sujit Speaker: Tripathy, Sujit (India)	
	Patient-reported health 10 years after displaced sacral fractures treated with internal fixation Authors: Tötterman, Anna / Glott, Thomas / Søbereg, Helene / Madsen, Jan Erik / Røise, Olav / Adelved, Aron Speaker: Adelved, Aron (Norway)	

Osteoporosis

FREE PAPER	CHALLENGES IN FRAGILITY FRACTURES	Room Nice
17.15–18.15	Moderators: Atik, Sahap (Turkey), Dreinhöfer, Karsten (Germany)	
	Fragility fracture of the neck of humerus and subsequent upper limb fragility fracture; is there a relationship? A retrospective cohort study of 702 neck of humerus fractures Authors: Smitham, Peter / Berko, Boris Speaker: Berko, Boris (United Kingdom)	
	Increasing occurrence of low-impact femoral shaft fractures in elderly patients on long-term use of bisphosphonates Authors: Cano, Denis / Ruiz, Carlos / Gallego, Adrián / Caeiro, José Speaker: Caeiro, José (Spain)	
	Treating the whole skeleton and not just the fracture: An audit of the secondary prevention of fragility fractures Authors: Sykes, Adam / Wigley, James Speaker: Wigley, James (United Kingdom)	
	Treatment with denosumab reduces the incidence of new vertebral and hip fractures in postmenopausal women at high risk Authors: Iliopoulos, Euthimios / Kyriakidis, Theophylaktos / Kyriakidis, Anastasios / Zidrou, Christiana Speaker: Zidrou, Christiana (Greece)	
	Persisting long term mortality risk after a fragility fracture at middle age Authors: Nilsson, Jan-Ake / Nilsson, Peter / Akesson, Kristina / Holmberg, Anna Speaker: Holmberg, Anna (Sweden)	
	Clinical characteristics of atypical femoral fractures in patients with osteoporosis treatment Authors: Lee, Kee H / Kang, Joon-Soon Speaker: Kang, Joon-Soon (Korea, Republic of)	

17:15 – 18:15

Sports / Knee soft-tissue

INSTRUCTIONAL LECTURE **MENISCAL LESION TODAY: EVIDENCE OF TREATMENT** **Room Vienna**
 Moderator: Espregueira-Mendes, João (Portugal)
 17.15-18.15

Speaker: Beaufile, Philippe (France)

Sports / Knee soft-tissue

FREE PAPER **KNEE LIGAMENTS** **Room Madrid**
 17.15-18.15 Moderators: Doral, Mahmut Nedim (Turkey), Menetrey, Jacques (Switzerland)

Medial patellobtibial ligament reconstruction for non-traumatic patellar instability: Clinical and radiological results at 6 years mean follow-up

Authors: Zaffagnini, Stefano / Grassi, Alberto / Nitri, Marco / Benzi, Andrea / Marcacci, Maurizio / Marcheggiani Muccioli, Giulio Maria
 Speaker: Marcheggiani Muccioli, Giulio Maria (Italy)

The influence of the medial patellofemoral ligament on patella position - An In Vivo study

Authors: Hofmann, Siegfried / Scheurecker, Georg / Fuhrmann, Gert / Radl, Roman / Pietsch, Martin / Seitlinger, Gerd / Hoegler, Richard
 Speaker: Hoegler, Richard (Austria)

Multiple arthroscopic debridement and graft retention in septic knee arthritis after ACL reconstruction. A case control study

Authors: Abdel-Aziz, Ahmed / Rizk, Ahmed / Radwan, Yasser
 Speaker: Radwan, Yasser (Egypt)

Local I.V. dexmedetomidine reduces Tourniquet-induced ischemia and reperfusion injury markers in ACL reconstruction

Authors: Alfeke, Atef / Zahra, Amr / Shaban, Yasser / Farouk, Mohamed / Radwan, Yasser
 Speaker: Radwan, Yasser (Egypt)

Visualization of the torn anterior cruciate ligament using three-dimensional computed tomography

Authors: Kunii, Tomonori / Abe, Shun / Sugita, Takehiko / Umehara, Jutaro / Uozumi, Hiroaki
 Speaker: Uozumi, Hiroaki (Japan)

Evaluation of an internet - video - based patient education system in Knee Arthroscopy. Preliminary results of 62 cases

Authors: Maestro-Fernández, Antonio / Cintado-Aviles, Manuel / Seijas-Vazquez, Roberto / Perrez-Carro, Luis / Molano-Bernardino, Carlos
 Speaker: Molano-Bernardino, Carlos (Spain)

Joint efforts for good health



Charity 5.0km **Run**



Charity 2.5km **Walk**



Friday, 7 June 2013

"Sunrise Run" at 6.00am!

Join the EFORT Charity Run/Walk to combine your scientific congress schedule with a sportive activity for a good cause.

- If you are not yet registered, you can do so in the registration area. Ask for information at the Charity Run/Walk Desk.
- Receive your free race T-shirt upon registration.
- Refreshments and a snack will be offered after the race.
- This Run/Walk is fun and healthy. Join us!

The Run/Walk will take place in the picturesque Mačka Park near the congress venue. In the park and along the race route you can admire the diverse flora and beautiful views.

Fee: EUR 19.00

All race proceeds will benefit research through the EFORT FOUNDATION



BRAINLAB

The Charity Run 2013 is supported by

Room	Paris	Munich	Barcelona	Brussels	Helsinki	Lisbon	Florence	
Time								
08:00					Total Knee Replacement Knee osseous Advances in Total Hip and Total Knee Replacement Registration required			
08:15								
08:30	Tumour 3 Bone and joint tumours Free Paper Session	Alignment for TKA Knee osseous Free Paper Session	New developments for trauma care Trauma upper limb Speciality Session AOTrauma	Reconstruction after damage control Polytrauma/Pelvis Symposium		Osteotomies around the ankle Foot/ankle/leg Instructional Lecture		Management of bone defects after THR infection Infection Symposium
08:45								
09:00								
09:15								
09:30								
09:45								
10:00	Break - Visit of the industry exhibition							
10:15								
10:30	FAI - Periacetabular osteotomies Hip Free Paper Session	Imaging and measurements in TKA Knee osseous Free Paper Session	Open fractures - Healing problems Trauma lower limb Free Paper Session	Hip fracture - General Trauma lower limb Free Paper Session	Cartilage lesions Foot/ankle/leg Free Paper Session		Infection in total hip and knee replacement Infection Free Paper Session	
10:45								
11:00								
11:15								
11:30								
11:45								
12:00	Michael Freeman Honorary Lecture - Paris Auditorium							
12:15								
12:30					Total Hip Replacement Hip Advances in Total Hip and Total Knee Replacement Registration required	Ealy intervention + innovation in Knee & Shoulder Arthroplast- General Orthopaedics Industry Symposium Zimmer GmbH		
12:45						The MACI® implant - Setting new standards in cartilage repair General Orthopaedics Industry Symposium Sanofi		
13:00								
13:15								
13:30								
13:45								
14:00	Training as non-operative treatment of patients with osteoarthritis of the hip or knee Pain control / rehabilitation and non-surgical management Instructional Lecture	Around the meniscus Lower limb injury in soccer	Radial head replacement or not in elbow trauma? Trauma upper limb Debate forum	Femoral neck fractures in young patients Trauma lower limb Free Paper Session		Metatarsalgia: Treatment and options Foot/ankle/leg Evidence based medicine session		Infection in orthopaedic surgery Infection Free Paper Session
14:15								
14:30								
14:45								
15:00								
15:15	BREAK							
15:30	Metal-on-Metal and wear Hip Free Paper Session	Unsolved problems in shoulder arthroscopic surgery Limits in anterior and posterior ankle arthroscopy Sports / Knee soft-tissue Speciality Session ESSKA	Focus on elbow trauma Trauma upper limb Speciality Session ESTES	Femoral neck fractures - Periprosthetic fractures Trauma lower limb Free Paper Session	Complications in total ankle arthroplasty Foot/ankle/leg Symposium		Defining bone and joint infection Infection Speciality Session EBJIS	
15:45								
16:00								
16:15								
16:30								
16:45								
17:00	BREAK							
17:15	Blood transfusion and DVT General Orthopaedics Free Paper Session		Femoral neck: Hemiarthroplasty and its complications Trauma lower limb Free Paper Session	Polytrauma Polytrauma/Pelvis Free Paper Session	Total ankle arthroplasty Foot/ankle/leg Free Paper Session		Risk factors for postoperative infection Infection Instructional Lecture	
17:30								
17:45								
17:45								
18:00								

 GENERAL ORTHOPAEDICS	 UPPER LIMB	 LOWER LIMB	 SPINE	 TRAUMA/POLYTRAUMA	 PAEDIATRICS	 GENERAL EDUCATION
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Nice	Vienna	Madrid	Copenhagen	Berlin	Taksim 1	Taksim 2	Room
							Time
					Speaker coaching workshop		08:00
					General education Workshop		08:15
Orthopaedic surgery and thromboembolism General Orthopaedics / complications / basic science / technology Speciality Session ISTF	Assessing the rotator cuff Shoulder/elbow, arm/forearm Free Paper Session	Invited Guest Nation: SBOT – Massive rotator cuff tears: From basic science to arthroscopy and arthroplasty Shoulder/elbow, arm/forearm Symposium	Hip arthroplasty: Technique 2 Hip Free Paper Session	Minimal invasive spinal surgery: New overall perspectives Spine (incl. trauma) Speciality Session ISLASS			08:30
					Registration required		09:00
							09:15
							09:30
							09:45
Break – Visit of the industry exhibition							10:00
							10:15
THA outcomes Hip Free Paper Session	Rotator cuff: New strategies Shoulder/elbow, arm/forearm Free Paper Session	Revision hip arthroplasty Hip Free Paper Session	Neuromuscular disorders and fracture diagnosis Paediatrics Free Paper Session	Low back pain in children and adolescents Spine (incl. trauma) Speciality Session AOSpine/EPOS		Literature search for Orthopaedics and Traumatology surgeons General education Workshop Registration required	10:30
							10:45
							11:00
							11:15
							11:30
							11:45
Michael Freeman Honorary Lecture – Paris Auditorium							12:00
							12:15
	Incisional negative pressure wound therapy: When to use it, how to use it? Trauma lower limb Industry Symposium Smith & Nephew	Hip Session – Exception and 2U – Always Ready to Go: The World's first Primary Hip Single Use Instrumentation Platform Hip Industry Symposium Biomet					12:30
							12:45
							13:00
							13:15
							13:30
							13:45
Pediatric foot disorders Paediatrics Speciality Session EPOS	4-Part proximal humerus fracture in elderly: Osteosynthesis vs prosthesis Shoulder/elbow, arm/forearm Debate forum	Hip imaging Hip Free Paper Session	New trends based on experimental results General Orthopaedics Instructional Lecture	Clinical Cases: Spine Spine (incl. trauma) Clinical Cases			14:00
							14:15
							14:30
							14:45
Break – Visit of the industry exhibition							15:00
							15:15
Management of benign bone lesions Paediatrics Speciality Session EPOS	Elbow session Shoulder/elbow, arm/forearm Free Paper Session	Acetabular revisions Hip Symposium	TKA – Design related outcomes Knee osseous Free Paper Session	Deformity Spine (incl. trauma) Free Paper Session			15:30
							15:45
							16:00
							16:15
							16:30
							16:45
BREAK							17:00
	Current evidence in designs and surfaces in THA Hip Instructional Lecture	Clinical Cases: Foot & Ankle Foot/ankle/leg Clinical Cases	Growth Modulation Paediatrics Instructional Lecture	Infection, tumour & miscellaneous Spine (incl. trauma) Free Paper Session			17:15
							17:30
							17:45
							18:00

FRIDAY
7 JUNE

08:00 – 17:00

Knee osseous

**ADVANCES IN
TOTAL HIP AND
TOTAL KNEE
REPLACEMENT
08.00–12.00**

TOTAL KNEE REPLACEMENT

Room Helsinki

Moderators: Knahr, Karl (Austria), Argenson, Jean-Noël (France)

Cementless, cemented or hybrid fixation
Speaker: Baldini, Andrea (Italy)

The Uni-knee: A sandwich between osteotomy and TKA
Speaker: Murray, David (United Kingdom)

Mobile versus fixed bearings
Speaker: Victor, Jan (Belgium)

Approaches to the knee joint
Speaker: Denti, Matteo (Italy)

Treatment of severe deformities
Speaker: Wymenga, Ate (Netherlands)

Management of bone defects
Speaker: Hofmann, Siegfried (Austria)

When to use revision implants?
Speaker: Benazzo, Francesco (Italy)

Navigation versus Patient-Specific-Instruments
Speaker: Becker, Roland (Germany)

The unhappy patient with a well fixed implant
Speaker: Bonnin, Michel (France)

Reducing blood loss after TKA
Speaker: Thienpont, Emmanuel (Belgium)

Periprosthetic fracture after TKA
Speaker: Hernigou, Philippe (France)

The infected implant
Speaker: Klauser, Wolfgang (Germany)

Knee osseous

**ADVANCES IN
TOTAL HIP AND
TOTAL KNEE
REPLACEMENT
13.00–17.00**

TOTAL KNEE REPLACEMENT

Room Helsinki

Moderators: Kjaersgaard-Andersen, Per (Denmark), Zagra, Luigi Massimo (Italy)

Surface replacement arthroplasty
Speaker: Spencer, Rob (United Kingdom)

Short stems – primary results
Speaker: Castelli, Claudio (Italy)

Cemented versus cementless stem fixation
Speaker: Kärrholm, Johan (Sweden)

Femoral head fractures: Hemiarthroplasty or THA?
Speaker: Ullmark, Gösta (Sweden)

Fast track treatment programs
Speaker: Siebert, Werner (Germany)

Revision of the infected THA
Speaker: Karachalios, Theofilos (Greece)

08:00 – 17:00

THA following deformities due to hip dysplasia
Speaker: Macheras, George (Greece)

Approaches to the hip joint
Speaker: Ilchmann, Thomas (Switzerland)

How to achieve stability and equal leg length in THA
Speaker: Søballe, Kjeld (Denmark)

Acetabular revision
Speaker: Garcia-Cimbrelo, Eduardo (Spain)

Revision of the femoral stem
Speaker: Tokgozolu, Ahmet Mazhar (Turkey)

Treatment of failures related to articulation
Speaker: Zagra, Luigi Massimo (Italy)

08:30 – 09:30

Foot/ankle/leg

INSTRUCTIONAL LECTURE OSTEOTOMIES AROUND THE ANKLE
Moderator: Viladot Voegeli, Antonio (Spain)

Room Lisbon

08.30–09.30

Speaker: Knupp, Markus (Switzerland)

08:30 – 10:00

Bone and joint tumours

FREE PAPER TUMOUR 3
08.30–10.00 Moderators: Özger, Harzem (Turkey), Capanna, Rodolfo (Italy)

Room Paris

Deep fibromatosis. A review of current management, recurrence rates and outcomes.
Authors: Aujla, Randeep / Esler, Claire / Ashford, Robert / Eastley, Nicholas
Speaker: Eastley, Nicholas (United Kingdom)

Giant cell tumors of the small bones of the hands and feet – Long-term results of 30 patients and literature review
Authors: Dijkstra, P. / van Der Geest, I. / Campanacci, D. / Gibbons, C. / Van de Sande, Michiel / van Der Heijden, Lizz / Oliveira, Vânia
Speaker: Oliveira, Vania (Portugal)

Surgical management of long bone sarcoma in children aged five or less at diagnosis – Techniques and outcomes in a tertiary referral centre
Authors: Ozkan, Korhan / Nandra, Rajpal / Gaston, Louie / Garci, Calogero / Grimer, Robert / Reddy, Krishna
Speaker: Reddy, Krishna (United Kingdom)

Prognostic value of expression of ERCC1, MDR1, and glutathione S-transferase P1 for cisplatin based chemotherapy in osteosarcoma
Authors: Yamamoto, Norio / Shirai, Toshiharu / Nishida, Hideji / Tanzawa, Yoshikazu / Kimura, Hiroaki / Takeuchi, Akihiko / Miwa, Shinji / Inatani, Hiroyuki / Shimozaki, Shingo / Kato, Takashi / Tsuchiya, Hiroyuki / Hayashi, Katsuhiro / Igarashi, Kentaro
Speaker: Igarashi, Kentaro (Japan)

Complications and survival after surgery of skeletal metastases in 301 patients with breast cancer
Authors: Wedin, Rikard / Weiss, Rüdiger
Speaker: Weiss, Rüdiger (Sweden)

Whole body Magnetic Resonance Imaging in comparison to whole body bone scintigraphy for the detection of metastases in patients with primary bone tumours
Authors: Ng Man Sun, Stephen / Tyler, Philippa / Calleja, Michelle / Butt, Sajid / Saifuddin, Asif / Aston, William / Pollock, Robin / Skinner, John / Briggs, Timothy / Gillott, Elizabeth
Speaker: Gillott, Elizabeth (United Kingdom)

Bone reaming biopsy and histological analysis: How useful are the results?
Authors: Blackwell, John / Morley, David / Roberts, Philip / Stevenson, Jonathan
Speaker: Stevenson, Jonathan (United Kingdom)

Friday
7 June

08:30 – 10:00

Survival rates following skeletal metastases – A twenty year analysis
Authors: Ammori, Mohannad / Paul, Ashok / Panchani, Sunil
Speaker: Panchani, Sunil (United Kingdom)

YKL-40 is expressed in soft tissue sarcomas
Authors: Chrisensen, Lise / Lausten, Gunnar / Petersen, Michael / Ringsholt, Merete / Harving, Mette
Speaker: Harving, Mette (Denmark)

Knee osseous

FREE PAPER

ALIGNMENT FOR TKA

Room Munich

08.30–10.00

Moderators: Pederzini, Luigi A. (Italy), Gamal, Ahmed Hosny (Egypt)

Alignment, variations and kinematic profile of normal knees – A study of 267 knees
Authors: Deep, Kamal
Speaker: Deep, Kamal (United Kingdom)

Pre-operative TKA anatomical MRI analysis of mechanical axis and rotation of distal femur
Authors: Nawaz, Syed / Khaleel, Arshad / White, Simon / Jones, Carl
Speaker: Jones, Carl (United Kingdom)

The Hip Knee Ankle (HKA) axis and Implant position relative to mechanical axis of femur and tibia for the kinematically aligned Total Knee Replacement
Authors: Toms, Andrew / Mandalia, vipul / Waterson, Ben
Speaker: Waterson, Ben (United Kingdom)

Position and alignment of computer navigated and traditionally operated total knee replacements, evaluated by CT and long bones radiographs. A prospective, randomized clinical trial
Authors: Espehaug, Birgitte / Havelin, Leif / Petursson, Gunnar / Hallan, Geir / Halvorsen, Svein / Strøm, Eivind / Furnes, Ove / Gøthesen, Øystein
Speaker: Gøthesen, Øystein (Norway)

Measuring TKR alignment using the Perth CT Protocol : Accuracy and outcome – Influence of femoral and tibial rotation at 1 year post surgery
Authors: Bucher, Thomas / Beaver, Richard / Sloan, Karen
Speaker: Sloan, Karen (Australia)

The Berger protocol for assessing component malrotation in total knee arthroplasty: Analysis of 69 cases
Authors: Gaheer, Rajinder / Chirputkar, Kedar / Picard, Frederic / Soon, V-Liem
Speaker: Soon, V-Liem (United Kingdom)

Posterior cruciate ligament should be preserved in severe flexion contracture in total knee arthroplasty
Authors: Shiratsuchi, Hideaki / Oinuma, Kazuhiro / Miura, Yoko / Tamaki, Tatsuya / Kaneyama, Ryutaku
Speaker: Kaneyama, Ryutaku (Japan)

Total knee arthroplasty in patients with excessive external tibial torsion > 45° and patella instability – Surgical technique and follow up
Authors: Dwyer, Tim / Marmor, Meir / Reischl, Nikolaus / Attar, Fahad / Cameron, John / Drexler, Michael
Speaker: Drexler, Michael (Canada)

Effects of tibial torsion on distal alignment of extramedullary instrumentation in Total Knee Arthroplasty
Authors: Sessa, Pasquale / Della Rocca, Antonello / Ripani, Francesca / Cinotti, Gianluca
Speaker: Cinotti, Gianluca (Italy)

AOTrauma



Trauma upper limb

SPECIALITY

NEW DEVELOPMENTS FOR TRAUMA CARE

Room Barcelona

SESSION

Moderators: Haas, Norbert (Germany), Renner, Nikolaus (Switzerland)

08.30–10.00

Multiloc humeral nail
Speaker: Hessmann, Martin (Germany)

08:30 – 10:00

Augmented implants
Speaker: Blauth, Michael (Austria)

Coated implants
Speaker: Raschke, Michael (Germany)

Dynamic locking screw
Speaker: Stöckle, Ulrich (Germany)

Discussion

Polytrauma/Pelvis

SYMPOSIUM

RECONSTRUCTION AFTER DAMAGE CONTROL

Room Brussels

08.30-10.00

Organiser: Schultz Larsen, Morten (Denmark)

Introduction: The controversy of Damage Control
Speaker: Schultz Larsen, Morten (Denmark)

Timing of definitive fixation – systemic considerations
Speaker: Gebhard, Florian (Germany)

Strategies for treatment of pelvic and acetabular fractures
Speaker: Giannoudis, Peter (United Kingdom)

Strategies for treatment of extremity fractures
Speaker: Levent, Eralp (Turkey)

ISLASS – International Society of Laser Assisted and Percutaneous Procedures in Spinal Surgery



Spine (incl. trauma)

SPECIALITY SESSION

MINIMAL INVASIVE SPINAL SURGERY: NEW OVERALL PERSPECTIVES

Room Berlin

08.30-10.00

Moderator: Menchetti, Pier Paolo Maria (Italy)

Posterior Percutaneous approach for cervical arthrodesis.
Speaker: Menchetti, Pier Paolo Maria (Italy)

Percutaneous Sacroiliac Fusion – pathoanatomy and biomechanical prerequisites. Mid term surgical results.
Speaker: Stuesson, Bengt (Sweden)

Minimal invasive treatment in dorsal lumbar fractures: mid term results evaluation.
Speaker: Doria, Carlo (Italy)

Lumbar endoscopic discectomy versus open or microsurgical approach.
Speaker: Hess, Michael (Germany)

MISS in Adult Scoliosis: when is better versus open surgery?
Speaker: Balsano, Massimo (Italy)

Mini-open retropleural Transthoracic Approach. Technical nuances.
Speaker: Cacciola, Francesco (Italy)

Stability considerations for a 360° percutaneous fusion with an expandable intervertebral cage (PerX360°).
Speaker: Morgenstern, Rudolf (Spain)

Minimal Invasive Spinal Surgery. Less is better.
Speaker: Canero, Gianfranco (Italy)

Discussion: New perspectives in lumbar spinal surgery using ILIF System
Speaker: all

Friday
7 June

08:30 – 10:00

Infection

SYMPOSIUM	MANAGEMENT OF BONE DEFECTS AFTER THR INFECTION	Room Florence
08.30-10.00	Organiser: García-Cimbreló, Eduardo (Spain)	
	Management of bone defects in infected THR Speaker: Cordero-Ampuero, José (Spain)	
	Criteria for success in one-stage revisions Speaker: Perka, Carsten (Germany)	
	Long stem preformed hip spacers for the management of bone defect in two-stage revision of septic THA: A 10 years experience Speaker: Romanò, Carlo Luca (Italy)	
	Clinical outcome of THR after resection-arthroplasty depending on bone defect Speaker: García-Cimbreló, Eduardo (Spain)	

ISTF – International Surgical Thrombosis Forum



General Orthopaedics / complications / basic science / technology

SPECIALITY SESSION	ORTHOPAEDIC SURGERY AND THROMBOEMBOLISM	Room Nice
08.30-10.00	Moderator: Fletcher, John (Austria)	
	New and old oral anticoagulants: the risk of bleeding in surgery; data from clinical practice Speaker: Turpie, Alexander (Canada)	
	Type of bleeding observed in clinical trials, are they relevant for surgeons and patients Speaker: Lassen, Michael Rud (Denmark)	
	Practical tools to overcome bleeding events in surgical patients, tricks and pitfalls Speaker: Borris, Lars (Denmark)	
	Long term sequelae of bleeding and thrombosis related to surgery Speaker: Jacobsen, Barry (South Africa)	
	Panel discussion Speaker: Dahl, Ola (Norway)	

Shoulder/elbow, arm/forearm

FREE PAPER	ASSESSING THE ROTATOR CUFF	Room Vienna
08.30-10.00	Moderators: Sanderhoff Olsen, Bo (Denmark), Demirhan, Mehmet (Turkey)	
	Assessment of teres minor in massive rotator cuff tear Authors: Collin, Philippe / Lädermann, Alexandre Speaker: Lädermann, Alexandre (Switzerland)	
	Radiologic examination of the acromiohumeral distance after subacromial decompression Authors: Zelei, Tamás / Klemencsics, István / Magyar, Péter / Antal, Imre / Skaliczki, Gábor Speaker: Skaliczki, Gábor (Hungary)	
	MRI evaluations of rotator cuff retear after arthroscopic suture bridge repair Authors: Mifune, Yutaka / Nishimoto, Hanako / Muto, Tomoyuki / Harada, Yoshifumi / Inui, Atsuyuki / Nagura, Issei / Kurosaka, Masahiro / Kokubu, Takeshi Speaker: Kokubu, Takeshi (Japan)	
	Hypertrophy of the long head of the biceps advances depending on the size of rotator cuff tear Authors: Yamaguchi, Momoko / Tokai, Morihito / Tanaka, Motoki / Kawai, Nobuaki / Sugaya, Hiroyuki / Imaizumi, Hikaru / Takahashi, Norimasa Speaker: Takahashi, Norimasa (Japan)	

08:30 – 10:00

Accuracy of surgeon performed ultrasound scan compared to MRI and radiologist performed ultrasound scan in the diagnosis of rotator cuff

Authors: Ibrahim, Edward / Petrou, Charalambos / Iossifidis, Anestis

Speaker: Iossifidis, Anestis (United Kingdom)

Electro-physiologic evaluation of the supraspinatus and infraspinatus muscle after tendon rupture. Experimental rat model

Authors: Kapoukranidou, Dorothea / Chatzisitiriou, Athanasios / Ditsios, Konstantinos / Papadopoulos, Pericles / Albani, Maria / Christodoulou, Anastasios / Boutsiadis, Achilleas

Speaker: Boutsiadis, Achilleas (Greece)

The dynamic analysis of rotator cuff coordination in internal and external rotation of shoulder by Cine-MRI

Authors: Ochiai, Nobuyasu / Takaso, Masashi / Fujimaki, Hisako / Miyajima, Genyo / Onuma, Kenji / Kenmoku, Tomonori

Speaker: Kenmoku, Tomonori (Japan)

The effect of insertion angle and angle of applied load on the pullout strength of suture anchors. Should we challenge "Deadman's angle?"

Authors: Donaldson, Olly / Dafydd, Meilyr / Kulkarni, Rohit / Evans, Sam / Green, Robert

Speaker: Green, Robert (United Kingdom)

The predictive value of contra-lateral rotator cuff disease for structural outcome of arthroscopic rotator cuff repair

Authors: Bouaicha, Samy / Lübbecke, Anne / Saupe, Nadja / Duc, Silvan / Jost, Bernhard / Gerber, Christian / Puskas, Gabor

Speaker: Puskas, Gabor (Switzerland)

Shoulder/elbow, arm/forearm

SYMPOSIUM
08.30–10.00

INVITED GUEST NATION: SBOT – MASSIVE ROTATOR CUFF TEARS: FROM BASIC SCIENCE TO ARTHROSCOPY AND ARTHROPLASTY

Room Madrid

Organiser: Motta, Geraldo (Brasil)

Introduction

Speaker: Motta, Geraldo (Brasil)

Arthroscopic repair: Indications and options

Speaker: Cartucho, Antonio (Spain)

Tendon transfers for irreparable cuff lesions

Speaker: Murachovsky, Joel (Brasil)

Reverse shoulder arthroplasty: When and how it is an option?

Speaker: Motta, Geraldo (Brasil)

Basic science in rotator cuff tendinopathy

Speaker: Eijnsman, Benno (Brasil)

Platelet-rich plasma in the arthroscopic repair of rotator cuff tears

Speaker: Ferreira Neto, Arnaldo Amado (Brasil)

Hip

FREE PAPER
08.30–10.00

HIP ARTHROPLASTY: TECHNIQUE 2

Room Copenhagen

Moderators: Wirtz, Dieter (Germany), Akgün, Isik Karli (Turkey)

Do we need intraoperative radiographs for determining femoral component in Total Hip Arthroplasty ?

Authors: Kabata, Tamon / Maeda, Toru / Iwai, Shintaro / Fujita, Kenji / Tsuchiya, Hiroyuki / Kajino, Yoshitomo / Kuroda, Kazunari

Speaker: Kuroda, Kazunari (Japan)

Trabecular Titanium(TM) osseointegration: A multicentre prospective DXA study

Authors: Causero, Araldo / Rossi, Paolo / Crova, Maurizio / Bistolfi, Alessandro / Grillo, Pier Paolo / Giglioflorito, Gaetano / Pari, Carlotta / Francescotto, Andrea / Tosco, Pier Mario / Deledda, Davide / Carli, Giulia / Burelli, Silvia / Massari, Leo

Speaker: Massari, Leo (Italy)

A new method of registration in navigated hip arthroplasty without the need to register the anterior pelvic plane

Authors: Wegner, Melanie / Schubert, Mario / Haimerl, Martin / Davis, Edward

Speaker: Davis, Edward (United Kingdom)

08:30 – 12:30

The influence of the neck resection level and the prosthetic femoral head diameter on the range of motion. A computer simulation

Authors: Esopi, Paolo / Marega, Luca / Massè, Alessandro / Ravasi, Flavio / Ruggieri, Pietro / Funaioli, Silvia / Falez, Francesco
Speaker: Falez, Francesco (Italy)

Considerable individual variability in pelvis and femur orientation: Critical factor for Total Hip Arthroplasty

Authors: Tomoyuki, Ito / Horigome, Youji / Takubo, Ryota / Suda, Ken / Miyasaka, Dai / Endo, Naoto / Imai, Norio
Speaker: Imai, Norio (Japan)

Non-object based calibration of digital radiographs

Authors: Kats, Janjaap / Van Doorn, Jacco / Meermans, Geert
Speaker: Meermans, Geert (Belgium)

Curved cementless modular stem in revision hip surgery implanted with modified transfemoral approach: Three years follow-up

Authors: Cristea, Stefan / Georgeanu, Vlad / Prescura, Catalin / Predescu, Vlad
Speaker: Predescu, Vlad (Romania)

More muscle mass in men offers explanation for better results after Total Hip Arthroplasty

Authors: von Roth, Phillipp / Winkler, Tobias / Matziolis, Georg / Tohtz, Stephan / Perka, Carsten / Preininger, Bernd
Speaker: Preininger, Bernd (Germany)

Inverted Bauer approach for high hip dysplasia

Authors: Bicanic, Goran / Delimar, Domagoj
Speaker: Delimar, Domagoj (Croatia)

08:00 – 12:00

General education

WORKSHOP

SPEAKER COACHING WORKSHOP (registration required)

Room Taksim 1

08.00–12.00

Moderator: Coles, Angela (United Kingdom)

Bring your Laptop!

Speaker: Coles, Angela (United Kingdom)

10:30 – 12:00

Hip

FREE PAPER

FAI – PERIACETABULAR OSTEOTOMIES

Room Paris

10.30–12.00

Moderators: Christofilopoulos, Panayiotis (Switzerland), Ozsoy, Mehmet Hakan (Turkey)

Curved periacetabular osteotomy with labrum repair for dysplastic hips

Authors: Nishio, Shoji / Nakayama, Hiroshi / Yoshiya, Shinichi / Fukunishi, Shigeo
Speaker: Fukunishi, Shigeo (Japan)

A quantitative method to determine the severity of pincer lesions in acetabular impingement

Authors: Fehily, Max / Wall, Alun / Plastow, Ricci
Speaker: Plastow, Ricci (United Kingdom)

Acetabular reorientation during periacetabular osteotomy using a surgical navigation system – An experimental cadaver study

Authors: Puls, Marc / Bastian, Johannes / Keel, Marius / Tannast, Moritz / Siebenrock, Klaus / Ecker, Timo
Speaker: Ecker, Timo (Switzerland)

Dynamic evaluation of famoroacetabular impingement using CT-based 3D movement simulation software

Authors: Shirai, Chikashi / Abe, Isao
Speaker: Abe, Isao (Japan)

Hip stability after ligamentum teres resection during surgical dislocation for cam impingement

Authors: Bartlett, Gavin / Norton, Mark / Fern, Darren / Phillips, Alistair
Speaker: Phillips, Alistair (United Kingdom)

10:30 – 12:00

Minimally invasive periacetabular osteotomy: Evaluation of surgical correction and complications

Authors: Witt, Johan / Malviya, Ajay
Speaker: Malviya, Ajay (United Kingdom)

Ischiofemoral impingement: Clinical, radiological and functional evaluations and future directions

Authors: Silva, Sérgio / Pinto, Rui / Torres, João / Gutierrez, Manuel / Monteiro, Eurico
Speaker: Monteiro, Eurico (Portugal)

The influence of pelvic tilt on acetabular orientation and femoral head coverage: A three-dimensional computerised tomography analysis

Authors: Dandachli, Wael / Witt, Johan / Ul Islam, Saif
Speaker: Ul Islam, Saif (United Kingdom)

Three-dimensional simulation before and after periacetabular osteotomy to assess femoroacetabular impingement

Authors: Kabata, Tamon / Maeda, Toru / Fujita, Kenji / Tsuchiya, Hiroyuki / Kajino, Yoshitomo / Kuroda, Kazunari / Iwai, Shintaro
Speaker: Iwai, Shintaro (Japan)

Knee osseous

FREE PAPER

IMAGING AND MEASUREMENTS IN TKA

Room Munich

10.30-12.00

Moderators: Sur, Hakki (Turkey), Akgün, Isik Karli (Turkey)

Differences in measurement of lower limb alignment among different registration methods of navigation and radiograph in Total Knee Arthroplasty

Authors: Seo, Jin-Hyuk / Seo, Seung-Suk
Speaker: Seo, Seung-Suk (Korea, Republic of)

The influence of femoral curvature and axial rotation of the femur when measuring the femoral mechanical-anatomical angle (FMA). Interest of a 3D measurement system (EOS)

Authors: Feydy, Antoine / Anract, Philippe / Sailhan, Frederic
Speaker: Sailhan, Frederic (France)

Custom-fit total knee arthroplasty: An alignment study in 100 patients

Authors: Plattner, Florian / Radl, Roman / Hofmann, Siegfried / Djahani, Oliver / Pietsch, Martin
Speaker: Pietsch, Martin (Austria)

Alignment of Total Knee Arthroplasty using patient matched instrumentation vs computer assisted surgery

Authors: Blakeney, William / Hardisty, Gerard / Spencer, Jonathan / Clark, Rhys
Speaker: Clark, Rhys (Australia)

Difference of gap before and after posterior cruciate ligament substitution during TKA

Authors: Nagamine, Ryouji / Kondo, Keiichi / Yoh, Yoshinobu / Osano, Kei / Chen, Weijia
Speaker: Chen, Weijia (Japan)

The accuracy of knee implants sizing predicted by digital templating using hip-to-ankle radiographs and its relation to implants' overhanging

Authors: Kalnberzs, Konstantins / Abols, Janis / Zadoroznijs, Sergejs
Speaker: Zadoroznijs, Sergejs (Latvia)

Comparison of accuracy between MRI based and CT based patient specific instrument Total Knee Arthroplasty – A prospective randomized study

Authors: Lee, Sang-Hak / Cho, Sung-Woo / Kang, Dong-Geun / Kim, Kang-II
Speaker: Kim, Kang-II (Korea, Republic of)

Native hip morphology predetermines the pattern of knee osteoarthritis

Authors: Pegg, Elise / Dodd, Christopher / Murray, David / Pandit, Hemant / Boissonneault, Adam
Speaker: Boissonneault, Adam (United States)

Comparison of alignment values between short and long leg images for calculation of alignment

Authors: Mont, Michael / Dunbar, Michael / Eckhoff, Donald / Greene, Kenneth / Patel, Amisha
Speaker: Patel, Amisha (United States)

10:30 – 12:00

Trauma lower limb

FREE PAPER OPEN FRACTURES – HEALING PROBLEMS Room Barcelona

10.30–12.00 Moderators: Teixidor Serra, Jordi (Spain), Agus, Haluk (Turkey)

Comparison of intracompartmental pressures in open and closed tibial fractures: An experimental study
Authors: Altay, Nuray / Öztürk, Ibrahim / Baykara, Islam / Sert, Cemil / Isikan, Ugur / Ertürk, Cemil / Altay, Mehmet
Speaker: Altay, Mehmet (Turkey)

Rotational displacement during reaming of segmental tibia fractures: Does it spin?
Authors: Buckley, Richard / Arastu, Mateen / Sheehan, Brendan
Speaker: Arastu, Mateen (Canada)

Fracture Healing Following High Energy Tibia Trauma: Ilizarov versus Taylor Spatial Frames
Authors: Rigby, Alan / Sharma, Hemant / Menakaya, Chinyelu
Speaker: Menakaya, Chinyelu (United Kingdom)

The British Orthopaedic Association Standards for Trauma (BOAST 4) reduce morbidity in open lower limb fractures
Authors: Mulligan, Alex / Tibrewal, Saket / Malagelada, Francesc / Jeyaseelan, Luckshmana
Speaker: Jeyaseelan, Luckshmana (United Kingdom)

To present experiences and early results of tibial nailing combined with angular stable locking screws (ASLS) in distal tibial fractures (AO 42 and AO 43). And whether this provides stable conditions, as shown in biomechanical studies
Authors: Krings, Søren / Larsen, Morten / Brix, Michael / Schönnemann, Jesper / Jacobsen, Peter
Speaker: Schönnemann, Jesper (Denmark)

Human immunodeficiency virus and open tibial fractures. Is early wound healing affected in surgically stabilised fractures? A prospective study
Authors: Aird, Jim / Rollinson, Paul / Howard, Nicholas
Speaker: Howard, Nicholas (United Kingdom)

What is the predictive value of pre-operative inflammatory blood parameters in diagnosis of low grade infection of long bone non-union?
Authors: Gudipati, Suri / Giannoudis, Peter / Holton, Colin
Speaker: Holton, Colin (United Kingdom)

Treatment of septic pseudoarthrosis of the tibia with intertibia fibular graft. Review of 52 cases
Authors: Portabella-Blavia, Federico / Cabo-Cabo, Xavier / Moranas-Barrero, José / Pedrero-Elsuso, Salvador / Pérez-Fernández, Albert / Pantaleón-Rodríguez, Edwin / Romero-Piñero, Eudald
Speaker: Romero-Piñero, Eudald (Spain)

Radical debridement and remote corticotomy-callotaxis in infected tibial non-union with bone loss
Authors: Allam, Ahmad
Speaker: Allam, Ahmad (Egypt)

Trauma lower limb

FREE PAPER HIP FRACTURE – GENERAL Room Brussels

10.30–12.00 Moderators: Rogmark, Cecilia (Sweden), Cullu, Emre (Turkey)

Are there significant complications in patients undergoing hip fracture surgery in whom Clopidogrel is continued?
Authors: Pandey, Radhakant / Srinivasan, Suresh / Lee, Kwang
Speaker: Lee, Kwang (United Kingdom)

Fascia iliaca compartment block for hip fractures: A great cocktail without the hangover?
Authors: Lees, Debbie / Ankers, Thomas / A'Court, Jamie / Reed, Mike / Harrison, William
Speaker: Harrison, William (United Kingdom)

Comprehensive orthogeriatric medical review as a single intervention improves outcome for elderly patients with fractures of the proximal femur: A study of 845 patients
Authors: Das, Abhishek / Ollivere, Ben / Taylor, Andrew / Moran, Christopher / Gaden, Mark
Speaker: Gaden, Mark (United Kingdom)

Time delay, length of hospital stay and 30-day mortality in hip fracture patients
Authors: Razik, Aisha / Bajekal, Rajiv / Alshameeri, Zeiad
Speaker: Alshameeri, Zeiad (United Kingdom)

10:30 – 12:00

Randomised trial of blood transfusion after hip fracture surgery

Authors: Parker, Martyn / Brankin, Rory
Speaker: Brankin, Rory (United Kingdom)

Factors associated with red blood cell transfusion in patients with a fractured hip

Authors: Jørgensen, Henrik / Riis, Troels / Lauritzen, Jes / Duus, Benn / Norgaard, Astrid / Pedersen, Ole / Madsen, Christian
Speaker: Madsen, Christian (Denmark)

Hyponatraemia in hip fracture, an analysis of 3897 patients: Hyponatraemia on discharge increases the risk of a second hip fracture

Authors: Cochrane, Lynda / Singer, Brian / Tinning, Craig
Speaker: Tinning, Craig (United Kingdom)

Body Mass Index as a predictor of one-year mortality: A prospective study of elderly patients with hip fracture

Authors: Al-Ani, Amer / Hedström, Margareta / Laurin, Agnes / Flodin, Lena
Speaker: Flodin, Lena (Sweden)

Surgical site infection in hip fractures: Revision 2006-2011

Authors: Cruz, Encarnación / Hirschfeld, Miguel / Guerado Parra, Enrique / Cano, Juan Ramón
Speaker: Cano, Juan Ramón (Spain)

**AOSpine – Global Spine society /
EPOS – European Paediatric Orthopaedic Society**



Spine (incl. trauma)

SPECIALITY SESSION **LOW BACK PAIN IN CHILDREN AND ADOLESCENTS** **Room Berlin**
10.30–12.00 Moderator: Yazici, Muharrem (Turkey)

Epidemiology and risk factors: Changing profile. Is this a modern years' problem?

Speaker: Lund, Teija (Finland)

Imaging: When and how?

Speaker: Zerbi, Alberto (Italy)

Differential diagnosis: When should be red flags up

Speaker: Lascombes, Pierre (Switzerland)

Disk pathologies: Same as in adults?

Speaker: Lund, Teija (Finland)

Spondylolysis: To operate or not to.

Speaker: Yazici, Muharrem (Italy)

Sports and low back pain: Sports related back pain and return to sport after LBP episode

Speaker: Lascombes, Pierre (Switzerland)

Foot/ankle/leg

FREE PAPER **CARTILAGE LESIONS** **Room Lisbon**
10.30–12.00 Moderators: Vannini, Francesca (Italy), Kiliçoglu, Önder (Turkey)

Influence of basal support and early loading on bone cartilage healing in press-fitted osteochondral autografts

Authors: Reilingh, Mikel / Wolny, Martin / Duda, Georg / Van Dijk, Niek / Schell, Hanna / Nosewicz, Tomasz
Speaker: Nosewicz, Tomasz (Netherlands)

Chondrocyte transplantation in osteoarthritis using a collagen gel

Authors: Halbwirth, Florian / Luksch, Thomas / Zwickl, Hannes / Nehrer, Stefan
Speaker: Nehrer, Stefan (Austria)

The biological damage in thalamic fractures of the calcaneus: Clinical and anatomic-pathological study

Authors: Manfredini, Giuseppe
Speaker: Manfredini, Giuseppe (Italy)

10:30 – 12:00

Functional evaluation of patients treated with osteochondral allograft transplantation for post-traumatic ankle arthrosis: follow ups at 1 and 5 years

Authors: Berti, Lisa / Mancini, Lara / Vannini, Francesca / Leardini, Alberto / Giannini, Sandro / Lullini, Giada
Speaker: Lullini, Giada (Italy)

Reconstruction of chondral or osteochondral lesions of the talus by matrix associated autologous chondrocytes implantation (ACI) – Mid-term results

Authors: Goetz, Juergen / Schaumburger, Jens / Grifka, Joachim / Anders, Sven
Speaker: Anders, Sven (Germany)

dGEMRIC of Cartilage After AMIC – Aided reconstruction of osteochondral lesions of the talus

Authors: Studler, Ueli / Kretzschmar, Martin / Miska, Matthias / Bieri, Oliver / Valderrabano, Victor / Wiewiorski, Martin
Speaker: Wiewiorski, Martin (Switzerland)

Microfracture vs osteochondral autologous transplantation for high-grade osteochondral lesions of the talus: A 10-year prospective comparative clinical experience

Authors: Dierckman, Brian / Labib, Sameh
Speaker: Labib, Sameh (United States)

Arthroscopic autologous chondrocyte implantation in talar osteochondral lesions: 7 years results and T2-mapping capability in outcome prediction

Authors: Buda, Roberto / Parma, Alessandro / Vannini, Francesca / Battaglia, Milva / Pagliuzzi, Gherardo / Giannini, Sandro / Ruffilli, Alberto
Speaker: Giannini, Sandro (Italy)

Long-term results of the autologous osteo-chondral graft for the osteochondral lesion(OCL) of talus

Authors: Usami, Norio / Hiraishi, Eiichi / Suda, Yasunori / Toyama, Yoshiaki / Ikezawa, Hiroko
Speaker: Ikezawa, Hiroko (Japan)

Infection

FREE PAPER

INFECTIOIN IN TOTAL HIP AND KNEE REPLACEMENT

Room Florence

10.30–12.00

Moderators: Yazar, Tarik (Turkey), Winkler, Heinz (Austria)

Is nasal colonization by *S. aureus* in orthopaedic surgeons – Prevalence and relation with prosthetic joint infections

Authors: Oliveira, Vânia / Leite, Pedro / Soares, Daniel / Leite, Luciana / Pereira, Paulo / Sousa, Ricardo / Dias da Costa, Luis
Speaker: Dias da Costa, Luis (Portugal)

Staphylococcus aureus screening is not effective in reducing prosthetic joint infection – results of a prospective randomized trial

Authors: Oliveira, Vânia / Leite, Pedro / Soares, Daniel / Leite, Luciana / Santos, Ana Claudia / Castro, Ana Paula / Sousa, Ricardo / Dias da Costa, Luis
Speaker: Dias da Costa, Luis (Portugal)

Preoperative asymptomatic bacteriuria is a risk factor for gram negative prosthetic joint infection

Authors: Oliveira, Vânia / Leite, Pedro / Soares, Daniel / Leite, Luciana / Santos, Ana Claudia / Castro, Ana Paula / Sousa, Ricardo / Dias da Costa, Luis
Speaker: Dias Da Costa, Luis (Portugal)

Analysis of different bacterial load on infected components of total knee prosthesis with the sonication method

Authors: Pilz, Magdalena / Presterl, Elisabeth / Windhager, Reinhard / Holinka, Johannes
Speaker: Holinka, Johannes (Austria)

Quality of life with PMMA spacers during 2-stage revision for periprosthetic hip infection: An evaluation with the SF-36 questionnaire

Authors: Kappe, Thomas / Bieger, Ralf / Reichel, Heiko / Jung, Sebastian
Speaker: Jung, Sebastian (Germany)

Impact of an interdisciplinary septic surgery unit on treatment of knee and hip prosthetic joint infections

Authors: Veuthey, Marie / Meriem, Samir / Trampuž, Andrej / Borens, Olivier / Tkhalishvili, Tamta / Baalbaki, Rayan / Walti, Laura
Speaker: Baalbaki, Rayan (Switzerland)

Sonication of explanted orthopaedic material – Our experience

Authors: Lapoša, Andrej / Trampuž, Andrej / Dolinar, Drago / Kocjancic, Boštjan
Speaker: Kocjancic, Boštjan (Slovenia)

10:30 – 12:00

Infection and functional outcome of hip and knee prosthetic joint infection – A retrospective multicenter study
Authors: Cattelan, Catharina / Veuthey, Marie / Meriem, Samir / Baalbaki, Rayan / Trampuž, Andrej / Borens, Olivier / Walti, Laura
Speaker: Walti, Laura (Switzerland)

Elective orthopaedic antimicrobial prophylaxis in the United Kingdom and surgical site infection in Total Hip Arthroplasty
Authors: Bryson, David / Taylor, Grahame / Aujla, Randeep
Speaker: Aujla, Randeep (United Kingdom)

Hip

FREE PAPER **THA OUTCOMES** **Room Nice**
10.30–12.00 **Moderators: Kostakos, Athanasios (Greece), Beksac, Burak (Turkey)**

The seven year outcome of the ASR XL prosthesis
Authors: De Steiger, Richard / Davidson, David / Cashman, Kara / Liu, Yen / Ryan, Philip / Graves, Stephen
Speaker: Graves, Stephen (Australia)

The Dawn hip – One year on
Authors: Daniel, Neen / Nzeako, Obi
Speaker: Nzeako, Obi (United Kingdom)


Modular stems in hip dysplasia
Authors: Rossi, Stefano / Piovani, Lucio / Benazzo, Francesco / Perticarini, Loris
Speaker: Perticarini, Loris (Italy)

Enhanced biomechanical closed kinetic chain therapy intervention in the rehabilitation of patients after total hip arthroplasty
Authors: Kosashvili, Yona / Segal, Ganit / Velkes, Steven / Mor, Amit / Ronen, Debi / Bernfeld, Benjamin / Yaari, Lee
Speaker: Yaari, Lee (Israel)

Mid-term results of an anatomic femoral neck sparing prosthesis
Authors: Ejidy, Claus / Gehrke, Thorsten / Citak, Mustafa / Kendoff, Daniel
Speaker: Kendoff, Daniel (Germany)

Nineteen-years results of THA using modular 9mm S-ROM femoral component in patients with small femoral canals
Authors: Abolghasemian, Mansour / Cameron, Hugh / Dwyer, Tim / Marmor, Meir / Reischl, Nikolaus / Drexler, Michael
Speaker: Drexler, Michael (Canada)

Current fixation usage and registry outcomes in Total Hip Arthroplasty: The uncemented paradox
Authors: Sillesen, Nanna / Malchau, Erik / Malchau, Henrik / Troelsen, Anders
Speaker: Troelsen, Anders (Denmark)

 Outcome of Total Hip Arthroplasty in nonagenarian patients (with age more than 90 years) – A District General experience
Authors: Gajula, Partha / Munuswamy, Shivashankaran / Chakrabarti, Dip / Hafeez, Khalid / Jain, Shiva / Banerjee, Brian / Velpula, Jagan Mohana Reddy
Speaker: Velpula, Jagan Mohana Reddy (United Kingdom)

Shoulder/elbow, arm/forearm

FREE PAPER **ROTATOR CUFF: NEW STRATEGIES** **Room Vienna**
10.30–12.00 **Moderators: Verhaar, Jan (Netherlands), Karahan, Mustafa (Turkey)**

The advantageous effect of low-intensity pulsed ultrasound for osteogenic activity of human rotator cuff derived cells
Authors: Kokubu, Takeshi / Niikura, Takahiro / Mifune, Yutaka / Muto, Tomoyuki / Nishimoto, Hanako / Harada, Yoshifumi / Kurosaka, Masahiro / Nagura, Issei
Speaker: Nagura, Issei (Japan)

Unplanned admissions following arthroscopic day case shoulder surgery
Authors: Clewley, Tom / Crowther, Mark / Thomas, William
Speaker: Thomas, William (United Kingdom)



Winner of the Free Paper Award

10:30 – 12:00

MUA with steroid injection vs arthroscopic capsular release for frozen shoulder: A prospective randomised study
Authors: Gajjar, Shreyash / Redfern, Tom / Akhtar, Ahsan
Speaker: Akhtar, Ahsan (United Kingdom)

The importance of patient expectations in predicting functional outcomes after shoulder arthroscopic capsular release for adhesive capsulitis
Authors: Das, Abhishek / Dattani, Rupen / Patel, Vipul / Banerjee, Samik / Ramasamy, Vijayaraj
Speaker: Ramasamy, Vijayaraj (United Kingdom)

Experimental tendon regeneration of rotator cuff tears with autologous tenocytes and a biodegradable collagen-based scaffold in sheep model – First results
Authors: Kempfert, Lena / Gülecüyz, Mehmet / Ficklscherer, Andreas / Pietschmann, Matthias / Müller, Peter / Ullmann, Tina / Schmitt, Bärbel / Rossbach, Björn
Speaker: Rossbach, Björn (Germany)

Management of irreparable rotator cuff tears with GraftJacket
Authors: Singh, Harvinder / Pandey, Radhakant / Armstrong, Alison / Modi, Amit
Speaker: Modi, Amit (United Kingdom)

Effects of selective paralysis of the supraspinatus muscle with Botulinum neurotoxin A in rotator cuff healing in rats
Authors: Hartl, Tessa-Katharina / Scharf, Markus / Pietschmann, Matthias / Müller, Peter / Schröder, Christian / Sievers, Birte / Gülecüyz, Mehmet / Ficklscherer, Andreas
Speaker: Ficklscherer, Andreas (Germany)

The value of arthroscopic acromioplasty in the treatment of shoulder impingement syndrome. Five-year results in a randomised controlled trial
Authors: Ketola, Saara
Speaker: Ketola, Saara (Finland)

Primary stability of a new ultrasound assisted suture anchor system for rotator cuff reconstruction in comparison to the primary stability an established benchmark suture anchor system in osteopenic and healthy human humeri
Authors: Lehmann, Mario / Mayer, Jörg / Müller, Peter / Pietschmann, Matthias / Goebel, Stephanie / Gülecüyz, Mehmet
Speaker: Gülecüyz, Mehmet (Germany)

Hip

FREE PAPER

REVISION HIP ARTHROPLASTY

Room Madrid

10.30–12.00

Moderators: Babis, George (Greece), Togrul, Emre (Turkey)

Improvement of acetabular bone reconstruction in revision arthroplasty: Allograft loaded with stem cells, acetabular reinforcement Kerboul cross and retentive cup
Authors: Homma, Yashiuro / Hernigou, Philippe
Speaker: Hernigou, Philippe (France)

First time cup revision - The Swedish experience. Analysis of 19342 first time cup revisions from the Swedish Hip Arthroplasty Register
Authors: Garellick, Göran / Kärrholm, Johan / Mohaddes, Maziar
Speaker: Mohaddes, Maziar (Sweden)

Effect of surgical approach on dislocation rates following revision Total Hip Replacement
Authors: Trickett, Ryan / Evans, Aled / Singh, Rohit / Asprou, Fotini
Speaker: Asprou, Fotini (United Kingdom)

Isolated acetabular revision with ceramic on ceramic bearings using a ceramic head with a metal sleeve
Authors: Hwang, Kyu-Tae / Choi, Il-Yong / Kim, Young-Ho / Kim, Yee-Suk
Speaker: Kim, Yee-Suk (Korea, Republic of)

Revision of recurrent THA dislocation with dual mobility cups: follow-up of 180 hips over 7 (4–14) years
Authors: Migaud, Henri / Fessy, Michel-Henri / Combes, Antoine / Brunschweiler, Benoit / Mertl, Patrice
Speaker: Mertl, Patrice (France)

Revision of acetabular component migrated in pelvis in THA
Authors: Gartonea, Dinu / Prundeanu, Andrei / Bratu, Dorel / Groseanu, Florin / Papp, Andrei / Cristea, Stefan
Speaker: Cristea, Stefan (Romania)

10:30 – 12:00

Significant cost savings and no early failures when using primary hip arthroplasty implants for revision total hip replacement surgery

Authors: Hunter, Tom / Pavlou, George / Evans, Christopher / Gandhi, Maulik
Speaker: Gandhi, Maulik (United Kingdom)

Reconstruction of deficient acetabuli using allograft and reinforcement ring or cage; bone stock restoration and its impact on the prognosis of re-revision

Authors: Tangsataporn, Suksan / Lee, Paul / Backstein, David / Safir, Oleg / Gross, Allan / Abolghasemian, Mansour
Speaker: Abolghasemian, Mansour (Canada)

Trabecular metal buttress augment and cup-cage construct in treatment of periprosthetic pelvic discontinuity

Authors: Sueiro-Fernández, José / Ballester-Alfaro, Juan José
Speaker: Ballester-Alfaro, Juan José (Spain)

Paediatrics

FREE PAPER

NEUROMUSCULAR DISORDERS AND FRACTURE DIAGNOSIS

Room Copenhagen

10.30-12.00

Moderators: Inan, Muharrem (Turkey), Cassiano Neves, Manuel (Portugal)

Treatment and prevention of lateral migration of the femoral head by the soft tissue release in children with spastic form of juvenile cerebral palsy

Authors: Poul, Jan / Urbasek, Karel
Speaker: Urbasek, Karel (Czech Republic)

Clinical and instrumental evaluation of botulinum toxin effects on the "idiopathic toe walking": A pilot study

Authors: Berti, Lisa / Benedetti, Maria Grazia / Fusaro, Isabella
Speaker: Fusaro, Isabella (Italy)

Comparative study of calcaneal lengthening osteotomy and Grice-Green extra-articular subtalar arthrodesis for the treatment of spastic pes planovalgus deformity in patients with cerebral palsy

Authors: Kanellopoulos, Anastasios / Papagelopoulos, Panagiotis / Stavropoulos, Nikolaos / Soucacos, Panayiotis / Sakellariou, Vasileios / Mazis, Georgios
Speaker: Stavropoulos, Nikolaos (Greece)

Kinematic findings in primary genu recurvatum in children with diplegic cerebral palsy

Authors: Wolf, Sebastian / Braatz, Frank / Dreher, Thomas / Klotz, Matthias
Speaker: Klotz, Matthias (Germany)

Extramembranous transfer of the tibialis posterior tendon for the treatment of drop foot deformity in children

Authors: Tuncer, Kutsi / Canbek, Umut / Yildiz, Vahit / Köse, Mehmet / Topal, Murat / Aydin, Ali
Speaker: Topal, Murat (Turkey)

Rock, paper, scissors': Introduction of a simple guideline to improve neurological assessment in paediatric patients presenting with upper limb fractures

Authors: Roberston, James / Godman, Anna / Boyle, Jennifer / Huntley, James / Marsh, Andrew
Speaker: Marsh, Andrew (United Kingdom)

Medial Patellofemoral Ligament (MPFL) reconstruction with hamstring autograft improves patella alta in children

Authors: Salvati, Eduardo / Ladenhauf, Hannah / Fabricant, Peter / Green, Daniel
Speaker: Green, Daniel (United States)

Fractures of the knee in children – What can go wrong?

Authors: Sonne-Holm, Stig / Christoffersen, Jens / Wong, Christian / Leeberg, Veronica
Speaker: Leeberg, Veronica (Denmark)

Needle aspiration/irrigation for the treatment of a septic joint in children. Is it a safe procedure?

Authors: Guerreiro, Ricardo / Sant'Anna, Francisco / Cassiano Neves, Manuel / Soares, João / Gomes, Diogo / Magalhães, Glória
Speaker: Magalhães, Glória (Portugal)

Friday
7 June

10:30 – 12:00

General education

WORKSHOP LITERATURE SEARCH FOR ORTHOPAEDICS AND TRAUMATOLOGY SURGEONS Room Taksim 2

10.30–12.00

(registration required)

Moderator: Küçükdurmaz, Fatih (Turkey)

Pubmed Et Google

Speaker: Küçükdurmaz, Fatih (Turkey)

Cochrane

Speaker: Sukeik, Mohamed (Turkey)

Bring your Laptop!

12:00 – 12:30

HONORARY LECTURE MICHAEL FREEMAN HONORARY LECTURE

Room Paris

12.00–12.30

Speaker: Tomita, Katsuro (Japan)

Spinal Tumor Surgery: Resent challenge and future perspectives

14:00 – 14:50

EPOS – European Paediatric Orthopaedic Society



Paediatrics

SPECIALITY SESSION OFFICE PEDIATRIC ORTHOPAEDICS

Room Nice

14.00–14.50

Moderator: Yazici, Muharrem (Turkey)

Rotational deformities of lower extremity

Speaker: Böhm, Stephanie (Sweden)

Limping child

Speaker: Ömeroglu, Hakan (Turkey)

Management of minor fractures

Speaker: Cassiano Neves, Manuel (Portugal)

Growing Pains

Speaker: Eastwood, Deborah (United Kingdom)

14:00 – 15:00

Pain control / rehabilitation and non-surgical management

INSTRUCTIONAL LECTURE TRAINING AS NON-OPERATIVE TREATMENT OF PATIENTS WITH OSTEOARTHRITIS OF THE HIP OR KNEE Room Paris

14.00–15.00

Moderator: Murray, David (United Kingdom)

Speaker: Roos, Ewa (Denmark)

Friday
7 June

14:00 – 15:00

ESSKA – European Society of Sports Traumatology, Knee Surgery and Arthroscopy



Sports / Knee soft-tissue

SPECIALITY SESSION **AROUND THE MENISCUS** **Room Munich**
14.00–15.00 **Moderators: Menetrey, Jacques (Switzerland), Seil, Romain (Luxembourg)**

Meniscus biology and biomechanics
 Speaker: Espregueira-Mendes, João (Portugal)

Meniscus biology and biomechanics
 Speaker: Pereira Rocha, Hernani (Portugal)

Meniscal cysts and discoid meniscus: how to save the meniscus?
 Speaker: Djian, Patrick (France)

Meniscal tears and ACL lesions: what can we do better?
 Speaker: Menetrey, Jacques (Switzerland)

Advanced repair techniques for (not so) rare lesions
 Speaker: Seil, Romain (Luxembourg)

Meniscal lesions and cartilage repair
 Speaker: Madry, Henning (Germany)

Complications and results of meniscal repair
 Speaker: Denti, Matteo (Italy)

Trauma upper limb

DEBATE FORUM **RADIAL HEAD REPLACEMENT OR NOT IN ELBOW TRAUMA?** **Room Barcelona**
14.00–15.00 **Organiser: Judet, Thierry (France)**

Pro radial head replacement
 Speaker: Dumontier, Christian (France)

Contra radial head replacement
 Speaker: Mathias, Winter (Germany)

Trauma lower limb

FREE PAPER **FEMORAL NECK FRACTURES IN YOUNG PATIENTS** **Room Brussels**
14.00–15.00 **Moderators: Duus, Benn Ronnow (Denmark), Sarisözen, Bartu (Turkey)**

Surgical and functional outcome in young patients with femoral neck fractures. A prospective multicentre study of 183 patients with 2 years follow-up
 Authors: Neander, Gustaf / Blomfeldt, Richard / Ekström, Wilhelmina / Hedström, Margareta / Al-Ani, Amer
 Speaker: Al-Ani, Amer (Sweden)

Mortality in young hip fracture patients
 Authors: Riis, Troels / Mark, Susanne / Duus, Benn / Lauritzen, Jes / Pedersen, Ole / Jensen, Peter
 Speaker: Jensen, Peter (Denmark)

Outcome for patients under 60 with displaced femoral neck fractures
 Authors: Hommel, Ami / Åkesson, Kristina / Garellick, Göran / Rogmark, Cecilia / Leonardsson, Olof
 Speaker: Leonardsson, Olof (Sweden)

The addition of anti-rotation screw to the Dynamic Hip Screw for Garden I and II femoral neck fractures: Is it worth it?
 Authors: Muhammad, Ahmad / Gadiyar, Rajiv / Patterson, Marc / Makki, Daoud
 Speaker: Makki, Daoud (United Kingdom)

FRIDAY
7 JUNE

14:00 – 15:00

Platelet-rich plasma in the treatment of internally fixed fractures of the proximal femur: A pragmatic randomised controlled trial

Authors: Achten, Juul / Parsons, Nicholas / Costa, Matthew / Griffin, Xavier
Speaker: Griffin, Xavier (United Kingdom)

Variables associated with mortality within 1-year following a displaced intracapsular neck of femur fracture

Authors: Bhasin, Swati / Quraishi, Sohail / Gandhi, Maulik
Speaker: Gandhi, Maulik (United Kingdom)

Spine (incl. trauma)

CLINICAL CASES

CLINICAL CASES: SPINE

Room Berlin

14.00–15.00

Moderators: Cáceres Palou, Enric (Spain), Berk, Haluk (Turkey)

Sacroplasty for sacral insufficiency fractures. Our early experience

Authors: Wilkinson, Johanna / Todd, Brian / Tandon, Vineet / Kapoor, Vikas / Joel, James
Speaker: Joel, James (United Kingdom)

Pyogenic spondylodiscitis secondary to mycotic abdominal aortic aneurysm rupture: Report of two cases

Authors: Esteve, Alba / Ubierna Garcés, María Teresa / Cavanilles, José María / Iborra, Miquel / Alberti, Gloria / Matas, Mariano / Bianco, Daniel
Speaker: Bianco, Daniel (Spain)

Epithelioid hemangioendothelioma of the spine

Authors: Vilà Canet, Gemma / Lozano Álvarez, Carlos / Saló Bru, Guillem / Molina Ros, Antoni / Ramírez Valencia, Manuel / Pérez Prieto, Daniel
Speaker: Pérez Prieto, Daniel (Spain)

Efficacy of VEPTR after convex hemiepiphysiodesis in congenital scoliosis – Three cases

Authors: Mohamedean, Aly / El-Sharkawi, Mohammad / Adam, Faisal / Stuecker, Ralf / Abol Oyouun, Nariman
Speaker: Abol Oyouun, Nariman (Egypt)

Occipital condyle fracture in a pain-free patient following low velocity injury

Authors: Wharton, Rupert / Tudor, Edward / Eseonu, Kelechi
Speaker: Eseonu, Kelechi (United Kingdom)

The blind motorcyclist: Bilateral amaurosis and loss of upper extremity motor function after blunt trauma against the cervical spine and upper trunk

Authors: Sellei, Richard / Pape, Hans-Christoph / Hansen, Nienke / Dienstknecht, Thomas / Weber, Christian
Speaker: Weber, Christian (Germany)

Foot/ankle/leg

EVIDENCE
BASED
MEDICINE
SESSION

METATARSALGIA: TREATMENT AND OPTIONS

Room Lisbon

14.00–15.00

Metatarsalgia: what do we treat?

Speaker: Redfern, David (United Kingdom)

Metatarsalgia: open or percutaneous surgery?

Speaker: Tourné, Yves (France)

Metatarsalgia and destroyed MTP joint?

Speaker: Viladot Voegeli, Antonio (Spain)

14:00 – 15:00

Infection

FREE PAPER **INFECTION IN ORTHOPAEDIC SURGERY** **Room Florence**

14.00–15.00 **Moderators: Gür, Semih (Turkey), Borens, Olivier (Switzerland)**

The impact of daptomycin and vancomycin loaded palacos RG on gentamicin elution
 Authors: Blom, Ashley / Webb, Jason / Lovering, Andrew / Gbejuade, Herbert
 Speaker: Gbejuade, Herbert (United Kingdom)

Clinical efficacy of scintigraphy with marked anti-granulocyte antibodies - LeukoScan® assisted with bone marrow scintigraphy in the diagnosis of infection in hip and knee replacement
 Authors: Vieira, Tiago / Seara, Manuel / Coutinho, Matos / Oliveira, Paulo / Pereira, Jorge / Pinto, Rui / Duarte, Filipe / Rodrigues, Pedro / Silva, Manuel / Antunes, Artur
 Speaker: Antunes, Artur (Portugal)

MRSA screening in orthopaedic surgery: Is it clinically valuable and cost effective?
 Authors: Paton, Robin / Heywood, Nick / Barkatali, Bilal
 Speaker: Barkatali, Bilal (United Kingdom)

Contamination of light handle in orthopaedic theatres - Is it a cause for concern?
 Authors: Anand, Anoop / Hasan, Syed / Guleri, Achyut / Ayyaswamy, Brijesh
 Speaker: Ayyaswamy, Brijesh (United Kingdom)

One-stage revision of infected Total Knee Arthroplasty - Biological reconstruction and effective antimicrobial treatment using antibiotic impregnated allograft bone
 Authors: Winkler, Heinz
 Speaker: Winkler, Heinz (Austria)

Comparison of infected lower limb arthroplasty in an Independent and Public Sector Hospital
 Authors: Rawcliffe, Catherine / Kheiran, Amin / Sivaprakasam, Manjunathan / Chauhan, Sandeep / Khakha, Raghbir
 Speaker: Khakha, Raghbir (United Kingdom)

Shoulder/elbow, arm/forearm

DEBATE FORUM **4-PART PROXIMAL HUMERUS FRACTURE IN ELDERLY: OSTEOSYNTHESIS VS** **Room Vienna**

14.00–15.00 **PROSTHESIS**

Organiser: Kontakis, George (Greece)

4-part proximal humerus fractures: management with replacement
 Speaker: Sinopidis, Chris (Greece)

4-part proximal humerus fractures: management with osteosynthesis
 Speaker: Hackney, Roger (United Kingdom)

Hip

FREE PAPER **HIP IMAGING** **Room Madrid**

14.00–15.00 **Moderators: Leunig, Michael (Switzerland), Cila, Erdal (Turkey)**

Investigation of the index for pelvic rotation on a plain A-P hip X-ray using Zed Hip
 Authors: Koyama, Hiroshi / Togawa, Daisuke / Hoshino, Hironobu / Matsuyama, Yukihiko / Hanada, Mitsuru
 Speaker: Hanada, Mitsuru (Japan)

Assessment of native hip offset on corresponding radiographs and CT- Implications for THA planning
 Authors: Waldstein, Wenzel / Grammatopoulos, George / Pegg, Elise / Streit, Marcus / Gotterbarm, Tobias / Murray, David / Aldinger, Peter / Gill, Harinderjit / Merle, Christian
 Speaker: Merle, Christian (Germany)

Preoperative simulation for Periacetabular osteotomy with using three-dimensional patient's own salt model
 Authors: Yamamoto, Takeaki / Takahira, Naonobu / Takaso, Masashi / Uchiyama, Katsufumi / Moriya, Mitsutoshi / Fukushima, Kensuke
 Speaker: Fukushima, Kensuke (Japan)

Standing or supine pelvic X-Rays – Is there a difference in measured acetabular orientation?
 Authors: Holland, J. P. / Khan, Munir / Beckingsale, Tom / Marsh, Martin
 Speaker: Marsh, Martin (United Kingdom)

Friday
7 June

14:00 – 15:00

Comparison of parameters for pelvic inclination on a plain AP radiograph
Authors: Hoshino, Hironobu / Koyama, Hiroshi / Hanada, Mitsuru / Togawa, Daisuke / Suzuki, Daisuke
Speaker: Suzuki, Daisuke (Japan)

The prevalence of acetabular retroversion in asymptomatic adults
Authors: Perka, Carsten / Heller, Markus / Wassilew, Georgi
Speaker: Wassilew, Georgi (Germany)

General Orthopaedics / complications / basic science / technology

INSTRUCTIONAL NEW TRENDS BASED ON EXPERIMENTAL RESULTS
LECTURE Moderator: Cannon, Stephen (United Kingdom)

Room Copenhagen

14.00–15.00

Speaker: Baldini, Nicola (Italy)

14:50 – 15:40

EPOS – European Paediatric Orthopaedic Society



Paediatrics

SPECIALITY PEDIATRIC FOOT DISORDERS

Room Nice

SESSION Moderator: Eastwood, Deborah (United Kingdom)

14.50–15.40

Tarsal coalition
Speaker: Ippolito, Ernesto (Italy)

Adolescent hallux valgus
Speaker: Synder, Marek (Poland)

Forefoot deformities: Curly toes, pes adductus, digitus quintus superductus, digitus flexus etc.
Speaker: de Pellegrin, Maurizio (Italy)

Idiopathic toe walking
Speaker: Roposch, Andreas (United Kingdom)

15:00 – 16:00

ESSKA – European Society of Sports Traumatology, Knee Surgery
and Arthroscopy



Sports / Knee soft-tissue

SPECIALITY LOWER LIMB INJURY IN SOCCER

Room Munich

SESSION Moderators: Servien, Elvire (France), Ekstrand, Jan (Sweden)

15.00–16.00

Strategies and preventions
Speaker: Della Villa, Stefano (Italy)

Ankle injuries
Speaker: Kerkhoffs, Gino M.M.J. (Netherlands)

ACL injuries
Speaker: Servien, Elvire (France)

Hamstrings injuries
Speaker: Ekstrand, Jan (Sweden)

15:30 – 17:00

Hip

FREE PAPER METAL-ON-METAL AND WEAR Room Paris

15.30-17.00 Moderators: Günther, Klaus-Peter (Germany), Altintas, Faik (Turkey)

Patient activity and In Vivo polyethylene wear in Total Hip Arthroplasty

Authors: Heyligers, I. / Grimm, B. / Senden, R.
Speaker: Senden, R. (Netherlands)

Why don't all malpositioned resurfaced cups have high wear? – A dynamic, gait lab study

Authors: Grammatopoulos, George / Gill, Harinderjit / Murray, David / Andersen, Michael / Pandit, Hemant / Pegg, Elise / Mellon, Stephen
Speaker: Mellon, Stephen (United Kingdom)

In Vivo oxidation in surgically-retrieved sequentially irradiated/annealed acetabular liners

Authors: Rowell, Shannon / Estok, Daniel / Kreuzer, Stefan / Malchau, Henrik / Muratoglu, Orhun
Speaker: Muratoglu, Orhun (United States)

The creep behavior in vitamin E stabilized highly cross-linked polyethylene

Authors: Pineau, Vincent / Gouzy, Solène / Lebel, Benoit / Vielpeau, Claude
Speaker: Vielpeau, Claude (France)

Measurement of systemic titanium ion levels following modular neck total hip arthroplasty: A 9-13 year follow-up study

Authors: Kretzer, Jan Philippe / Streit, Marcus / Reinders, Joern / Gotterbarm, Tobias / Aldinger, Peter / Omlor, Georg / Bruckner, Thomas / Merle, Christian
Speaker: Merle, Christian (Germany)

Prevalence of non-concentric loading and impingement in a retrieval analysis of 496 Metal-on-Poly Total Hip Arthroplasties

Authors: Kwon, Young-Min / Elson, Leah / Muratoglu, Orhun / Malchau, Henrik / Sillesen, Nanna
Speaker: Sillesen, Nanna (United States)

Ceramic on metal bearing in total hip arthroplasty, clinical results, ion levels and chromosomal analysis at 2 years

Authors: Perera, Jonathan / Gillott, Elizabeth / Carroll, Fintan / Briggs, Timothy / Kazi, Hussain
Speaker: Kazi, Hussain (United Kingdom)

Bearing change for ceramic fractures after Alumina-on-Alumina Total Hip Arthroplasty

Authors: Baek, Ji-Hoon / Lee, Kyung-Jae / Min, Byung-Woo / Kim, Hee Joong / Yoo, Jeong Joon
Speaker: Lee, Kyung-Jae (Korea, Republic of)

In Vivo wear particle analysis of remelted and sequential irradiated highly cross-linked poly from joint fluids

Authors: Minoda, Yukihide / Ohta, Yoichi / Ikebuchi, Mitsuhiko / Mizokawa, Shigeichi / Nakamura, Hiroaki / Iwaki, Hiroyoshi
Speaker: Iwaki, Hiroyoshi (Japan)

ESTES – European Society for Trauma and Emergency Surgery



Trauma upper limb

SPECIALITY FOCUS ON ELBOW TRAUMA Room Barcelona

SESSION Moderators: Leenen, Luke (Netherlands), Rommens, Pol Maria (Germany)

15.30-17.00

Is there still a place for tension band wiring in uncomplicated olecranon fractures?

Speaker: Brink, Peter (Netherlands)

Anatomical plates around the elbow, friend or foe? Part 1: distal humerus

Speaker: Rommens, Pol Maria (Germany)

Anatomical plates around the elbow, friend or foe? Part 2: proximal ulna

Speaker: Leenen, Luke (Netherlands)

Stability around the elbow: what contributes?

Speaker: Nijs, Stefaan (Belgium)

Treatment algorithm of fracture-dislocations of the elbow

Speaker: Babst, Reto (Switzerland)

15:30 – 17:00

Trauma lower limb

FREE PAPER

FEMORAL NECK FRACTURES – PERIPROSTHETIC FRACTURES

Room Brussels

15.30–17.00

Moderators: Bel, Jean-Christophe (France), Erdemli, Bülent (Turkey)

Reduced reoperation rate of cemented hemiarthroplasty (HA) compared with uncemented HA and internal fixation of displaced femoral neck fracture up to 19 years after initial surgery in 75+ year old patients

Authors: Overgaard, Søren / Lauritzen, Jes / Ovesen, Ole / Viberg, Bjarke
Speaker: Ovesen, Ole (Denmark)

High dose, double antibiotic-impregnated cement reduces surgical site infection (SSI) in hip hemiarthroplasty – A randomised controlled trial of 848 patients with intracapsular neck of femur fractures

Authors: Sprowson, Andrew / Chambers, Simon / Inman, Dominic / Jones, Simon / Aradhyula, Narasimha / Reed, Mike / Jensen, Cyrus
Speaker: Jensen, Cyrus (United Kingdom)

Mortality after hemi-arthroplasty for hip fracture – Does cement make a difference?

Authors: Holt, Graeme / Smith, Rik / Uzoigwe, Chika / Gosal, Harminder / Young, Peter / Middleton, Rory
Speaker: Middleton, Rory (United Kingdom)

Surgical errors could be a major risk factor of dislocation after hip hemiarthroplasty

Authors: Maansson, Lukas / Olsson, Marianne / Hansen, Knut Egill Parrington
Speaker: Hansen, Knut Egill Parrington (Norway)

Pre-operative predictors of 30 day mortality following fracture neck of femur

Authors: Pratt, Roland / Reed, Mike / Ramappa, Manjunath
Speaker: Ramappa, Manjunath (United Kingdom)

Contralateral hip fractures: Does surgical fixation method influence the risk?

Authors: Ho, Kevin / Sadiq, Shahzad / Lau, Jeffrey
Speaker: Lau, Jeffrey (United Kingdom)

Treatment of periprosthetic fractures using locking compression plate combined with cerclage wiring

Authors: Lanzani, Edoardo / Maggi, Francesco / Legnani, Claudio / Gaetani, Giorgio
Speaker: Gaetani, Giorgio (Italy)

Periprosthetic fractures around hip hemiarthroplasty performed for hip fracture

Authors: Moran, Chris / Manktelow, Andrew / Phillips, Jonathan
Speaker: Phillips, Jonathan (United Kingdom)

Femoral revision for Vancouver B2 and B3 periprosthetic fractures

Authors: Kodomuri, Preetham / Westbrook, Anthony / Manktelow, Andrew / Phillips, Jonathan
Speaker: Phillips, Jonathan (United Kingdom)

Spine (incl. trauma)

FREE PAPER

DEFORMITY

Room Berlin

15.30–17.00

Moderators: Balsano, Massimo (Italy), Aydingöz, Önder (Turkey)

Transcriptional profile of vitamin D receptor gene (VDR) in bone, cartilage, muscles and blood in Juvenile and adolescent idiopathic scoliosis

Authors: Szota, Justyna / Mazurek, Urszula / Bozek, Marek / Nowak, Roman / Wrotniak, Maciej
Speaker: Nowak, Roman (Poland)

Recovery of respiratory function in idiopathic scoliosis after costoplasty and posterior instrumentation

Authors: Jensen, Cyrus / Andrews, John / Fender, David / Gibson, Mike / Johnson, Riem
Speaker: Johnson, Riem (United Kingdom)

The interest of 3D measurements (EOS) of the pelvic parameters in spinal disorders

Authors: D'Astorg, Henri / Feydy, Antoine / Anract, Philippe / Sailhan, Frederic
Speaker: Sailhan, Frederic (France)

The prevalence of abnormal preoperative coagulation tests in paediatric patients undergoing spinal surgery for scoliosis

Authors: O'Brien, Kirsty / Ryan, Katie
Speaker: Ryan, Katie (Ireland)

Efficiency of Intraoperative halofemoral traction for the treatment of scoliosis curves over 70 degrees

Authors: Malkoc, Melih / Sever, Cem / Tezer, Mehmet / Cift, Hakan / Aydogan, Mehmet
Speaker: Aydogan, Mehmet (Turkey)

15:30 – 17:00

Kyphotic deformities of the cervical spine – Prospective study of 90 patients

Authors: Kryl, Jan / Vyskocil, Tomáš / Barna, Michal / Nesnidal, Petr / Stulik, Jan

Speaker: Stulik, Jan (Czech Republic)

Single stage, four-rod cantilever reduction and posterior instrumented fusion for idiopathic thoracic hyperkyphosis

Authors: Muthian, Senthil / Jasani, Vinay / Ahmed, Elnarsri / Tsang, Kai

Speaker: Tsang, Kai (United Kingdom)

Treatment of monosegmental lumbar stenosis in adults with scoliosis

Authors: Usicov, Vladimir / Michaylov, Dmitry / Mosevnin, Sergey / Man, Hao / Ptashnikov, Dmitry

Speaker: Ptashnikov, Dmitry (Russian Federation)

Growing rods for treatment of infantile and juvenile scoliosis – Preliminary results

Authors: Fernandes, Pedro / Tirado, António / Soares do Brito, Joaquim / Rocha, Pedro / Fernandes Teixeira, Joana Helena

Speaker: Rocha, Pedro (Portugal)

Foot/ankle/leg

SYMPOSIUM

COMPLICATIONS IN TOTAL ANKLE ARTHROPLASTY

Room Lisbon

15.30–17.00

Organiser: Besse, Jean-Luc (France)

TAA complications - management of cysts

Speaker: Besse, Jean-Luc (France)

Revision without prosthesis changing

Speaker: Winson, Ian (United Kingdom)

Revision by prosthesis replacement

Speaker: Knupp, Markus (Switzerland)

Revision by arthrodesis

Speaker: Leemrijse, Thibault (Belgium)

EBJIS – European Bone & Joint Infection Society



Infection

SPECIALITY
SESSION

DEFINING BONE AND JOINT INFECTION

Room Florence

15.30–17.00

Moderators: Romanò, Carlo Luca (Italy), Heppert, Volkmar (Germany)

Definition of implant-related infection

Speaker: Winkler, Heinz (Austria)

Superficial and deep implant-related infections: myth or reality ?

Speaker: Romanò, Carlo Luca (Italy)

Definition and diagnostic criteria of osteomyelitis

Speaker: Wagner, Christof (Germany)

Definition of septic arthritis.

Speaker: Borens, Olivier (Switzerland)

No infection recurrence: which criteria ?

Speaker: Kirketerp-Møller, Klaus (Denmark)

Panel discussion

Speaker: Winkler, Heinz (Austria)

Panel discussion

Speaker: Romanò, Carlo Luca (Italy)

Panel discussion

Speaker: Heppert, Volkmar (Germany)

15:30 – 17:00

Shoulder/elbow, arm/forearm

FREE PAPER

ELBOW SESSION

Room Vienna

15.30–17.00

Moderators: Kiss, Jenő (Hungary), Atalar, Ata Can (Turkey)

Myofibroblasts in posttraumatic elbow capsules

Authors: Bosse, Tjalling / Kloen, Peter / Cohen, Mark / Jupiter, Jesse / Ring, David / Doornberg, Job
Speaker: Doornberg, Job (Netherlands)

Microdensity of the distal humerus: An anatomic study

Authors: Hoffmeyer, Pierre / Abrassart, Sophie
Speaker: Abrassart, Sophie (Switzerland)

Ulnar nerve compression neuropathy: what is the role of electromyography before surgery?

Authors: Templeton-Ward, Oliver / Magnussen, Peter / Granville-Chapman, Jeremy / Smee, Elizabeth / Hearnden, Anthony / Lindsfarne, Edward A
Speaker: Lindsfarne, Edward A (United Kingdom)

Anterior application of medial distal tibial locking plate for fractures of the distal humeral shaft metaphyseal junction: Is it a logical procedure?

Authors: Özkaya, Ufuk / May, Cüneyt / Mutlu, Harun / Parmaksizoglu, Atilla / Bilgili, Fuat
Speaker: Bilgili, Fuat (Turkey)

Radial Head Prosthesis in the treatment of unstable fractures of the elbow

Authors: Teani, Ezio / Maggi, Roberto / Castelli, Claudio / Rizzi, Luigi
Speaker: Rizzi, Luigi (Italy)

Percutaneous K-wire reduction for the treatment of radial head fractures Mason type II

Authors: Simon, Paul / Unterhauser, Frank / Schmidmaier, Gerhard / Winkler, Tobias
Speaker: Winkler, Tobias (Germany)

The role of the coronoid process in elbow fracture dislocation: Can we omit operative fixation if we use the hinged external fixation concept?

Authors: Gausepohl, Thomas / Pennig, Dietmar / Mader, Konrad
Speaker: Mader, Konrad (Norway)

Lateral epicondylitis and radial tunnel syndrome: Long-term results of surgical decompression

Authors: Korpakis, John / Triantis, Petros / Mpougiouklis, Dimitris / Andritsos, George / Ntinopoulos, Charalampos
Speaker: Ntinopoulos, Charalampos (Greece)

Comparison of lateral epicondylitis treatment in sports persons with laser therapy, local steroid or platelet rich plasma injection

Authors: Jain, Vineet / Bahl, Vibhu / Joshi, Deepak / Chaudhary, Deepak / Goyal, Ankit
Speaker: Goyal, Ankit (India)

Hip

SYMPOSIUM

ACETABULAR REVISIONS

Room Madrid

15.30–17.00

Organiser: Tsiridis, Eleftherios (United Kingdom)

Acetabular revision: Classification – surgical exposures – registry data

Speaker: Labek, Gerold (Austria)

Major Bone Loss: Jumbo cup-cage-augments (tantalum VS titanium)

Speaker: Atilla, Bülent (Turkey)

Impaction grafting indications and results

Speaker: Ullmark, Gösta (Sweden)

Pelvic discontinuity, challenges and techniques

Speaker: Flecher, Xavier (France)

15:30 – 17:00

Knee osseous

FREE PAPER

TKA – DESIGN RELATED OUTCOMES

Room Copenhagen

15.30-17.00

Moderators: Doral, Mahmut Nedim (Turkey), Steens, Wolfram (Germany)

The effect of fixation on the functional outcome and survival of a mobile bearing total condylar knee replacement
Authors: Jha, Shilpa / Miles, Kim / East, Debra / Apthorp, Hugh / Goddard, Richard / Butler-Manuel, Adrian / Sandiford, Nemandra / Davidson, Jerome
Speaker: Davidson, Jerome (United Kingdom)

A randomized controlled radiostereometric study comparing a novel porous titanium construct to a porous coated surface in cementless Total Knee Arthroplasty
Authors: Jensen, Claus / Schröder, Henrik / Flivik, Gunnar / Lind, Thomas / Petersen, Michael / Winther, Nikolaj
Speaker: Winther, Nikolaj (Denmark)

All-poly vs metal backed tibia components in PFC cemented Total Knee Arthroplasty
Authors: W-Dahl, Annette / Gudnason, Asgeir / Sundberg, Martin / Robertsson, Otto
Speaker: Robertsson, Otto (Iceland)

Wear reduction in rotating-platform posterior-stabilized designs: A 10-year prospective matched-pair MRI analysis
Authors: Potter, Hollis / Ranawat, Chitranjan / Ranawat, Amar / Meftah, Morteza
Speaker: Meftah, Morteza (United States)

The ADVANCE® medial-pivot knee system in primary Total Knee Arthroplasty: A prospective, randomised controlled trial
Authors: Sharma, Sanjeev / Wilkinson, Mark / Freeman, Jennifer / Buckley, Simon / Kerry, Robert / Stockley, Ian / Tomouk, Mohamad / Hamer, Andrew / Basheer, Sheba
Speaker: Basheer, Sheba (United Kingdom)

The high flex Total Knee Arthroplasty – A prospective, randomized clinical and radiological study with long term results after a minimum of 10 years
Authors: Mendel, Thomas / Delank, Karl / Röllinghoff, Marc / Gutteck, Natalia / Wohlrab, David / Radetzki, Florian
Speaker: Radetzki, Florian (Germany)

Comparison of stability and outcome of PCL substituting and PCL sacrificing TKA (a randomized controlled trial)
Authors: Han, Hyuk-Soo / Kang, Seung-Baik
Speaker: Kang, Seung-Baik (Korea, Republic of)

A randomised single-surgeon series comparing 2 radically different knee designs in 135 patients with 10 or more years follow-up
Authors: Wang, Weije / Hadden, William / Johnson, Simon
Speaker: Johnson, Simon (United Kingdom)

Pre-operative morphometric study of the distal femur in Japanese patients who received knee replacement
Authors: Owaki, Hajime / Fuji, Takeshi / Nishikawa, Masataka
Speaker: Nishikawa, Masataka (Japan)

16:00 – 18:15

EPOS – European Paediatric Orthopaedic Society



Paediatrics

SPECIALITY SESSION

MANAGEMENT OF BENIGN BONE LESIONS

Room Nice

16.00-18.15

Moderator: Krauspe, Rüdiger (Germany)

Management of bone lesions: Stay on the safe side
Speaker: Krauspe, Rüdiger (Germany)

Solitary Bone Cysts
Speaker: Aksoy, Mehmed Cemalettin (Turkey)

Aneurysmal Bone Cysts
Speaker: Chomiak, Jiri (Czech Republic)

Friday
7 June

16:00 – 18:15

Osteoid osteoma

Speaker: Yazici, Muharrem (Turkey)

Chondroid bone lesions (ossifying/non-ossifying fibroma, enchondroma, etc.)

Speaker: Lascombes, Pierre (Switzerland)

Single and hereditary multiple exostosis

Speaker: Grill, Franz (Austria)

16:15 – 17:15

ESSKA – European Society of Sports Traumatology, Knee Surgery and Arthroscopy



Sports / Knee soft-tissue

SPECIALITY SESSION	UNSOLVED PROBLEMS IN SHOULDER ARTHROSCOPIC SURGERY	Room Munich
16.15-17.15	Moderators: Poberaj, Boris (Slovenia), Tzanakakis, Nikolaos (Greece)	

Surgical technique for shoulder instability in bone defects, capsular deficiency, MDI

Speaker: Brzoska, Roman (Poland)

SLAP lesions and biceps pathology; when and how to repair?

Speaker: Poberaj, Boris (Slovenia)

Optimizing healing environment in cuff tears repair

Speaker: Soler, Francesco (Spain)

Management of irreparable cuff tears and retears; arthroscopic options

Speaker: Senekovic, Vladimir (Slovenia)

Suprascapular nerve release in cuff repair; an useful technique?

Speaker: Calvo, Angel (Spain)

17:15 – 18:15

General Orthopaedics / complications / basic science / technology

FREE PAPER	BLOOD TRANSFUSION AND DVT	Room Paris
17.15-18.15	Moderators: Altintas, Faik (Turkey), Ovesen, Ole (Denmark)	

Impact of routine tranexamic acid on thromboembolic events after Total Knee and Hip Arthroplasty

Authors: Fennema, Peter / Hourlier, Hervé

Speaker: Hourlier, Hervé (France)

Intra-articular tranexamic acid reduced blood loss in Total Knee and Hip Arthroplasty

Authors: Cristea, Stefan / Prescura, Catalin / Predescu, Vlad

Speaker: Predescu, Vlad (Romania)

New post-operative hyponatraemia in elective arthroplasty: An investigation of incidence and aetiology

Authors: Boyd, Annmarie / Chirputkar, Kedar / Sarungi, Martin / Shields, David

Speaker: Shields, David (United Kingdom)

The incidence of pre-operative asymptomatic DVT among patients awaiting Total Knee Arthroplasty or Total Hip Arthroplasty

Authors: Bagga, Tajesh / Allgar, Victoria / Elsayed, Ayman / Melton, Carol / Sisodia, Gurudattsingh / Fernando, Waduge

Speaker: Fernando, Waduge (United Kingdom)

Cost-effectiveness of transfusion alternatives in elective orthopedic surgery: A randomized controlled study on patient blood management

Authors: Nelissen, Rob / Koopman, Ankie / Onstenk, Ron / Pöll, Ruud / Brand, Ronald / van den Hout, Wilbert / Brand, Anneke / So-Osman, Cynthia

Speaker: So-Osman, Cynthia (Netherlands)

17:15 – 18:15

Non cost-effective blood saving measures in primary elective hip and knee arthroplasties: How much are these still used, by whom, and why?

Authors: So-Osman, Cynthia / Wentink, Manon / Vliet Vlieland, Thea / Nelissen, Rob / Koopman, Ankie / Marang - van de Mheen, Perla / Kaptein, Adriaan / Bodegom - Vos, Leti / Voorn, Veronique
Speaker: Voorn, Veronique (Netherlands)

ESSKA – European Society of Sports Traumatology, Knee Surgery and Arthroscopy



Sports / Knee soft-tissue

SPECIALITY LIMITS IN ANTERIOR AND POSTERIOR ANKLE ARTHROSCOPY **Room Munich**
SESSION Moderators: Ogüt, Tahir (Turkey), Kerkhoffs, Gino M.M.J. (Netherlands)
17.15-18.15

What is there to see in the ankle?

Speaker: de Leeuw, Peter (Netherlands)

Limited view in anterior ankle arthroscopy?

Speaker: Spenacchio, Pietro (Italy)

What is possible with posterior ankle arthroscopy?

Speaker: Ogüt, Tahir (Turkey)

New techniques in ankle and foot arthroscopy, any limits?

Speaker: Kerkhoffs, Gino M.M.J. (Netherlands)

Trauma lower limb

FREE PAPER FEMORAL NECK: HEMIARTHROPLASTY AND ITS COMPLICATIONS **Room Barcelona**
17.15-18.15 Moderators: Bégué, Thierry (France), Karaoglu, Sinan (Turkey)

Randomised trial of anterolateral versus posterior approach for insertion of hemiarthroplasties for hip fractures

Authors: Parker, Martyn / Brankin, Rory
Speaker: Brankin, Rory (United Kingdom)

Cemented Thompson's Hemiarthroplasty in patients with intracapsular neck of femur fracture: survivorship analysis of 1670 procedures.

Authors: Reed, Mike / Jameson, Simon / Sims, Alex / Muller, Scott / Rangan, Amar / A'Court, Jamie / Khan, Sameer
Speaker: Khan, Sameer (United Kingdom)

Risk factors for reoperation after hemiarthroplasties in Norway and Sweden. A co-joined analysis of 33367 procedures in the Norwegian and Swedish national registries

Authors: Fenstad, Anne / Leonardsson, Olof / Engeseter, Lars / Kärrholm, Johan / Furnes, Ove / Garellick, Göran / Gjertsen, Jan-Erik / Rogmark, Cecilia
Speaker: Rogmark, Cecilia (Sweden)

Unipolar hemiarthroplasty versus bipolar hemiarthroplasty in the most elderly patients with displaced femoral neck fractures. A four-year follow-up of a randomized controlled trial

Authors: Hedbeck, Carl-Johan / Blomfeldt, Richard / Lapidus, Gunilla / Ponzer, Sari / Enocson, Anders / Inngul, Christian
Speaker: Inngul, Christian (Sweden)

Cementless total hip arthroplasty with collarless femoral stems for the treatment of displaced femoral neck fractures

Authors: Üzümcügil, Onat / Ünkar, Ethem / Karamehmetoglu, Mahmut / Caniklioglu, Mustafa / Öztürkmen, Yusuf
Speaker: Öztürkmen, Yusuf (Turkey)

Occurrences of serious surgical postoperative complications after uncemented hip hemiarthroplasty is lower if a consultant specialized in joint replacement is present during the intervention

Authors: Månsson, Lukas / Olsson, Marianne / Steensland, Erik
Speaker: Steensland, Erik (Norway)

17:15 – 18:15

Polytrauma/Pelvis

FREE PAPER

POLYTRAUMA

Room Brussels

17.15–18.15

Moderators: Ruchholtz, Steffen (Germany), Kinik, Hakan (Turkey)

Polytrauma and femoral shaft fracture: Incidence, characteristics and outcomes of patients treated with damage control orthopaedic surgery

Authors: Bouamra, Omar / Jenks, Tom / Edwards, Antoinette / Tosounidis, Theodoros / Lecky, Fiona / Giannoudis, Peter
Speaker: Giannoudis, Peter (United Kingdom)

Morbidity and mortality after bilateral femoral shaft fractures in the era of damage control

Authors: Micansky, Fabian / Lichte, Philipp / Sellei, Richard / Pfeifer, Roman / Knobe, Matthias / Lefering, Rolf / Pape, Hans-Christoph / Kobbe, Philipp
Speaker: Kobbe, Philipp (Germany)

Influence of Interleukine 6 (IL-6) on SIRS evaluation in polytrauma patients with femur fractures

Authors: Sousa, Antonio / Raposo, Frederico / Valente, Luis / Moura Gonçalves, Antonio / Pinto, Rui / Sa Rodrigues, Andre / Duarte, Filipe
Speaker: Duarte, Filipe (Portugal)

The influence of haemorrhagic shock on bone healing: Results of a study in mice

Authors: Kobbe, Philipp / Pfeifer, Roman / Pape, Hans-Christoph / Pufe, Thomas / Bergmann, Christian / Campbell, Graeme / Glüer, Claus / Lichte, Philipp
Speaker: Lichte, Philipp (Germany)

The effect of the timing of antibiotics and surgical treatment on infection rates in open long-bone fractures: A 5-year prospective study after a change in policy

Authors: Apperley, Shane / Vanstone, Sean / Woods, David / Kiraly, Zoltan / Gality, Hristifor / Leonidou, Andreas
Speaker: Leonidou, Andreas (United Kingdom)

Open femoral shaft fractures in the polytrauma patient

Authors: Pape, Hans-Christoph / Lefering, Rolf / Dienstknecht, Thomas / Tarkin, Ivan / Weber, Christian
Speaker: Weber, Christian (Germany)

Spine (incl. trauma)

FREE PAPER

INFECTION, TUMOUR & MISCELLANEOUS

Room Berlin

17.15–18.15

Moderators: Ubierna Garcés, María Teresa (Spain), Talu, Ufuk (Turkey)

The impact of intraperitoneal oxytocin administration on nerve recovery in the rat sciatic nerve damage model

Authors: Erbas, Oytun / Seyfetinoglu, Firat / Bora, Osman / Kuyucu, Ersin / Gümüş, Bilal
Speaker: Gümüş, Bilal (Turkey)

Biomechanical evaluation of combined anterior plate and transarticular screw for atlantoaxial fixation in comparison with posterior fixation methods

Authors: Sripirom, Pornpavit / Sugandhavesa, Nantawit / Thiranon, Chaiyot
Speaker: Thiranon, Chaiyot (Thailand)

Three dimension fluoroscopy-based navigation system in spine surgery

Authors: Ruatti, Sebastien / Moreau Gaudry, Alexandre / Chipon, Emilie / Dubois, Caroline / Tonetti, Jerome / Milaire, Michel / Bodin, Arnaud / Eid, Ahmad / Kerschbaumer, Gael / Courvoisier, Aurélien / Maisse, Nicolas / Merloz, Philippe
Speaker: Merloz, Philippe (France)

Increasing rates of postoperative infections after spine surgery

Authors: Witsø, Eivind / Lydersen, Stian / Grabner Von Rosenberg, Jean-Paul
Speaker: Grabner Von Rosenberg, Jean-Paul (Norway)

Infection after vertebroplasty or kyphoplasty. A series of 9 cases and review of literature

Authors: Siam, Ahmed / Ezzati, Ali / Shawky, Ahmed / Boehm, Heinrich / Ahmed, Hamdan
Speaker: Ahmed, Hamdan (Germany)

Prognostic factors for determining survival in patients treated for symptomatic spinal epidural metastases

Authors: Van de Sande, Michiel / Bollen, Laurens / Pattynama, Bas / van Der Linden, Yvette / Pondaag, Willem / Peul, Wilco / Dijkstra, Sander
Speaker: Van de Sande, Michiel (Netherlands)

17:15 – 18:15

Foot/ankle/leg

FREE PAPER **TOTAL ANKLE ARTHROPLASTY** **Room Lisbon**

17.15–18.15 **Moderators: Leemrijse, Thibault (Belgium), Kofoed, Hakon (Turkey)**

HINTEGRA three-component total ankle replacement: Survivorship analysis in 722 consecutive ankles
 Authors: Zwicky, Lukas / Knupp, Markus / Henninger, Heath / Hintermann, Beat / Barg, Alexej
 Speaker: Barg, Alexej (Switzerland)

Total ankle replacement – A population-based study on 714 cases from the Finnish Arthroplasty Register
 Authors: Kneer, Holger / Honkanen, Pirjo / Eskelinen, Antti / Remes, Ville / Skyttä, Eerik
 Speaker: Skyttä, Eerik (Finland)

A comparison of CT and plain film assessment of osteolysis following total ankle joint arthroplasty
 Authors: Gomez, Glenn / Bourke, Gerard
 Speaker: Bourke, Gerard (Australia)

Analysis of the effect of ankle arthrodesis and total ankle replacement on plantar pressure and gait symmetry
 Authors: Rouhani, Hossein / Aminian, Kamiar / Arami, Arash / Crevoisier, Xavier / Chopra, Swati
 Speaker: Chopra, Swati (Switzerland)

Computertomographic evaluation of ankle joint geometry in osteoarthritis
 Authors: Hoechel, Sebastian / Nowakowski, Andrej / DeOrio, James / Easley, Mark / Nunley, James / Valderrabano, Victor / Wiewiorski, Martin
 Speaker: Wiewiorski, Martin (Switzerland)

Revision arthroplasty for failed ankle prostheses: Mid-to long-term results of 117 consecutive cases
 Authors: Zwicky, Lukas / Knupp, Markus / Henninger, Heath / Hintermann, Beat / Barg, Alexej
 Speaker: Barg, Alexej (Switzerland)

Infection

INSTRUCTIONAL LECTURE **RISK FACTORS FOR POSTOPERATIVE INFECTION** **Room Florence**

17.15–18.15 **Moderator: Romanò, Carlo Luca (Italy)**

Speaker: Borens, Olivier (Switzerland)

Hip

INSTRUCTIONAL LECTURE **CURRENT EVIDENCE IN DESIGNS AND SURFACES IN THA** **Room Vienna**

17.15–18.15 **Moderator: Overgaard, Søren (Denmark)**

Speaker: Karachalios, Theofilos (Greece)

Foot/ankle/leg

CLINICAL CASES **CLINICAL CASES: FOOT & ANKLE** **Room Madrid**

17.15–18.15 **Moderators: Magnan, Bruno (Italy) / Besse, Jean-Luc**

Anterior tarsal tunnel syndrome: A rare cause of foot and ankle pain
 Authors: Barlow-Kearsley, Ernest / Babar, Syed / Wharton, Rupert
 Speaker: Wharton, Rupert (United Kingdom)

Percutaneous surgery as rescue technique for Weil osteotomies
 Authors: Parals, Felix / Ribau, Miguel Angel / Via-Dufresne, Octavi / Novell, Josep / Conesa, Xavier / Ustes, Xavier
 Speaker: Conesa, Xavier (Spain)

Acute Compartment Syndrome (ACS) following fixation of an ankle fracture: A case report
 Authors: Matthews, Timothy / Kempshall, Pete / Fawi, Hassan
 Speaker: Fawi, Hassan (United Kingdom)

Friday
7 June

17:15 - 18:15

Paresis of the common peroneal nerve after ankle sprains - 2 rare cases

Authors: Rodrigues, Pedro / Carvalho, Manuel / Duarte, Filipe / Seara, Manuel / Coutinho, Matos / Oliveira, Paulo / Moura, Antonio / Pinto, Rui / Silva, Manuel / Antunes, Artur
Speaker: Antunes, Artur (Portugal)

Conservative treatment for chronic Achilles tendon ruptures in three cases

Authors: Mae, Tatsuo / Toritsuka, Yoshiyuki / Koizumi, Kota / Uchida, Ryohei
Speaker: Uchida, Ryohei (Japan)

A novel intramedullary nail in the treatment of supramalleolar malunion and nonunion, a preliminary report of three cases

Authors: Uruc, Vedat / Saglam, Necdet / Akpınar, Fuat / Küçükdemir, Fatih
Speaker: Küçükdemir, Fatih (Turkey)

Paediatrics

INSTRUCTIONAL
LECTURE

GROWTH MODULATION

Moderator: Møeller-Madsen, Bjarne (Denmark)

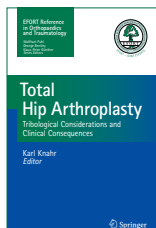
Room Copenhagen

17.15-18.15

Speaker: Eastwood, Deborah (United Kingdom)

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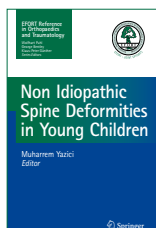


TRIBOLOGY IN TOTAL HIP ARTHROPLASTY - Wear Behaviour of Different Articulations

Analysis in the use of ceramics in total hip arthroplasty

- Discusses the effectiveness of new polyethylenes
- Addresses concerns metal wear
- Evaluates currently used articulation materials
- Considers clinical outcomes

Editor: Karl Knahr, Edition 2013
New Edition! Hot off the press!



NON IDIOPATHIC SPINE DEFORMITIES IN YOUNG CHILDREN

Non idiopathic early onset scoliosis represents a true challenge to the physician due to the significance of the ongoing growth of spine, the risk of curve progression, and the risk of pulmonary insufficiency. A comprehensive review of the growth mechanisms of spine in infancy forms the basis of the book.

Editor: Muharrem Yazici



HEALTH TECHNOLOGY ASSESSMENT OF HIP ARTHROPLASTY IN EUROPE

This book (EUROHIP) provides readers with an understanding of the key issues that dictate the provision of total hip replacement, one of the most cost-effective procedures available within health care. A highlight of the book is its multinational and multidisciplinary approach.

Editors: Karsten Dreinhöfer, Paul Dieppe, Klaus-Peter Günther, Wolfhart Puhl



EFORT JOURNAL - EOTR - EUROPEAN ORTHOPAEDICS AND TRAUMATOLOGY

Official Journal of EFORT

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FRIDAY
7 JUNE

Saturday 8 June

Room	Paris	Munich	Barcelona	Brussels	Helsinki	Lisbon
Time						
08:30	Metal-on-Metal Hip Free Paper Session	TKA - Navigation Knee osseous Free Paper Session	Posttraumatic joint instability Polytrauma/Pelvis Speciality Session ARTOF	Fractures distal tibia, ankle, foot Trauma lower limb Free Paper Session	Everything you wanted to know about adult deformity in an hour. Spine (incl. trauma) Speciality Session EuroSpine	Percutaneous and mini- invasive surgery myths and reality Foot/ankle/leg Symposium
08:45						
09:00						
09:15						
09:30						
09:45	BREAK					
10:00	BREAK					
10:15	BREAK					
10:30	Metal-on-Metal: Adverse effects Hip Free Paper Session	Revision knee arthro- plasty Knee osseous Free Paper Session		Intertrochanteric fractures Trauma lower limb Free Paper Session	Trauma (Spine) Spine (incl. trauma) Free Paper Session	Miscellaneous (arthrode- sis, fractures, diabetes) Foot/ankle/leg Free Paper Session
10:45						
11:00						
11:15						
11:30						
11:45						

 GENERAL ORTHOPAEDICS	 UPPER LIMB	 LOWER LIMB	 SPINE	 TRAUMA/ POLYTRAUMA	 PAEDIATRICS	 GENERAL EDUCATION
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Florence	Nice	Vienna	Madrid	Copenhagen	Berlin	Room
						Time
Patient reported outcome (Prom) and total joint replacement Hip Free Paper Session	Tricks in arthroscopic rotator cuff repair Shoulder/elbow, arm/forearm Symposium	Bone and Joint Decade: Healthy Active Ageing – a multidisciplinary and multiprofessional approach General Orthopaedics Symposium	Unstable shoulder Shoulder/elbow, arm/forearm Free Paper Session	How to manage bone defects in THA Hip Interactive Expert Exchange Registration required	Infected fractures Infection Interactive Expert Exchange Registration required	08:30
						08:45
Coffee Break						09:00
						09:15
						09:30
						09:45
						10:00
						10:15
						10:30
						10:45
						11:00
						11:15
						11:30
						11:45
European Arthroplasty Register – Clinical findings, development and new requirements from authorities General Orthopaedics Symposium	Experimental: Cartilage, meniscus, bone General Orthopaedics / complications / basic science / technology Free Paper Session	Fragility fractures of the pelvis Osteoporosis Symposium	Spine metastases treatment Spine (incl. trauma) Evidence based medicine session			

08:30 – 10:00

Hip

FREE PAPER METAL-ON-METAL Room Paris

08.30-10.00 Moderators: Günther, Klaus-Peter (Germany), Bilgen, Ömer (Turkey)

Birmingham Hip Resurfacing (BHR) vs. Total Hip Replacement (THR) – A study comparing patient reported outcomes at 5 years

Authors: Ramaskandhan, Jayasree / Bettinson, K. / Muthumayandi, Karthikeyan / Holland, J. P. / Kakkar, Rahul
Speaker: Kakkar, Rahul (United Kingdom)

The mid term survival of Birmingham Synergy total hip replacements

Authors: Jameson, Simon / Partington, Paul / Carluke, Ian / Holmes, Rachel / Reed, Mike / Lupu, Andreea
Speaker: Lupu, Andreea (United Kingdom)

Ceramic - Ceramic vs Metal – Polyethylene bearing surfaces: A comparison of early results

Authors: Nicholls, Alexander / Matthews, Edward / Al Rawi, Bara / Hartwright, David
Speaker: Hartwright, David (United Kingdom)

Early follow-up of a long-term registry-based multicenter Total Hip Replacement outcome study: Vitamin E doped polyethylene liner and porous-titanium coated acetabular shells

Authors: Nebergall, Audrey / Kwon, Young-Min / Bragdon, Charles / Huddleston, James / Gebuhr, Peter / Garcia-Cimbreno, Eduardo / Malchau, Henrik / Greene, Meridith
Speaker: Malchau, Henrik (United States)

Medial placement of the acetabular component in an Alumina-on-Alumina Total Hip Arthroplasty: A comparative study with propensity score matching

Authors: Yoon, Pii Whan / Lee, Young-Kyun / Koo, Kyung-Hoi / Yoon, Kang Sup / Kim, Hee Joong / Yoo, Jeong Joon
Speaker: Yoo, Jeong Joon (Korea, Republic of)

Correlation between histopathology and metal ion levels in failed Metal-on-Metal hips

Authors: Puolakka, Timo / Pajamäki, Jorma / Elo, Petra / Lainiala, Olli / Eskelinen, Antti / Reito, Aleks
Speaker: Reito, Aleks (Finland)

High failure rates of a low-carbide Metal-on-Metal Total Hip Arthroplasty (THA), after 12 years average follow-up time

Authors: Vitsas, Vasilis / Bouras, Theodoros / Korovessis, Panagiotis / Repantis, Thomas
Speaker: Repantis, Thomas (Greece)

Clinical and radiographic results of large-diameter femoral head Metal-on-Metal cementless Total Hip Arthroplasty

Authors: Haraguchi, Keiji / Koyanagi, Junichirou / Fujiwara, Keiju / Tsuda, Kosuke
Speaker: Tsuda, Kosuke (Japan)

Knee osseous

FREE PAPER TKA – NAVIGATION Room Munich

08.30-10.00 Moderators: Becker, Roland (Germany), Bozkurt, Murat (Turkey)

A comparison of registration errors with imageless computer navigation during MIS Total Knee Arthroplasty versus standard incision Total Knee Arthroplasty. A cadaveric study

Authors: Davis, Edward / Gallie, Price / Macgroarty, Kelly / Waddell, James / Schemitsch, Emil / Pagkalos, Joseph
Speaker: Pagkalos, Joseph (United Kingdom)

Intraoperative mismatch in femoral TKA rotation established by navigated vs conventional technique

Authors: Hernández-Hermoso, José / Asencio, Jordi / Aliaga, Francisco / Rodríguez, David
Speaker: Rodríguez, David (Spain)

In Vivo gap analysis in various knee flexion angles during navigated-assisted Total Knee Arthroplasty

Authors: Yoon, Jung-Ro / Woo, Young-Ok / Lee, Nam-Ji / Oh, Kwang-Jun / Lim, Deuk-Soo / Yang, Jae-Hyuk
Speaker: Yang, Jae-Hyuk (Korea, Republic of)

Accuracy of I.M. guide in femoral component prothesis in TKA: A CAOS study

Authors: Di Sette, Priscilla / Lorio, Raffaele / Conteduca, Fabio / Bolle, Gabriele / Redler, Andrea / Conteduca, Jacopo / Valeo, Luigi / Ferretti, Andrea / Mazza, Daniele
Speaker: Mazza, Daniele (Italy)

Pinless navigation for Total Knee Arthroplasty: A randomised controlled trial

Authors: Chin, Pak-Lin / Li, Zongxian / Yew, Andy / Tay, Darren / Chia, Shi-Lu / Lo, Ngai-Nung / Yeo, Seng-Jin / Chen, Jerry
Speaker: Chen, Jerry (Singapore)

Low incidence of complications in computer assisted Total Knee Arthroplasty – A retrospective review of 1596 cases

Authors: Norris, Mark / Kheiran, Amin / Chauhan, Sandeep / Khakha, Raghbir
Speaker: Khakha, Raghbir (United Kingdom)

The Utility of Immediate Post-operative Radiographs in Primary Total Knee Arthroplasty

Authors: Moussa, Mohamed / Chandran, Shaun / Hansen, Viktor / Freiberg, Andrew / Kwon, Young-Min / Malchau, Henrik / Barr, Christopher
Speaker: Malchau, Henrik (United States)

A prospective assessment of sleep status in patients undergoing total knee arthroplasty

Authors: Jung, Kwang-Am / Lee, Su-Chan / Ahn, Hye-Sun / Hwang, Byoung-Yoon / Ong, Alvin
Speaker: Hwang, Byoung-Yoon (United States)

Trauma lower limb

FREE PAPER

FRACTURES DISTAL TIBIA, ANKLE, FOOT

Room Brussels

08.30–10.00

Moderators: Teixidor Serra, Jordi (Spain), Aydin, Ahmet Turan (Turkey)

Treatment of tibia distal diaphyso-metaphyseal fractures with unreamed MBDLS (MONOBLOC DISTAL LOCKING SCREW) nail

Authors: Saglam, Necdet / Saka, Gürsel / Akpınar, Fuat / Kurtulmus, Tuhan / Küçükürmaz, Fatih
Speaker: Küçükürmaz, Fatih (Turkey)

Clinical experience of 30 fractures of distal tibial shaft treated with the ZNN anatomic nail

Authors: Liberati, Maria Antonietta / Di Bisceglie, Francesco / Savoini, Marzia / Crainz Fossati, Edoardo
Speaker: Crainz Fossati, Edoardo (Italy)

Locking plate fixation versus circular frame fixation for distal tibial metaphyseal fractures

Authors: Haque, Aziz / Abraham, Alwyn / Shoab, Ahmed / Berber, Reshid
Speaker: Berber, Reshid (United Kingdom)

New DLS – Dynamic Locking Screws and bridging plating technique in treatment of closed tibial and femoral metaphyseal fractures: A multicenter prospective study

Authors: Moretti, Biagio / Rollo, Giuseppe / Conserva, Vito / Colasuonno, Rocco / Mori, Claudio Maria / Tartaglia, Nicola / Vicenti, Giovanni
Speaker: Tartaglia, Nicola (Italy)



Prospective randomized multicentric trial comparing a static implant and a dynamic implant in the surgical treatment of ankle syndesmosis rupture

Authors: Laflamme, Mélissa / Belzile, Etienne / Glazebrook, Mark / Bédard, Luc / van Bekerom, Michel / Pelet, Stéphane
Speaker: Pelet, Stéphane (Canada)

Ankle fractures: When can I drive doctor? A simulation study

Authors: Tarassoli, Payam / Jackson, Mark / Yousri, Taher
Speaker: Yousri, Taher (United Kingdom)

Arthritis after two years of ankle fracture – Analysis of 62 cases

Authors: Rodrigues, Pedro / Carvalho, Manuel / Duarte, Filipe / Seara, Manuel / Coutinho, Matos / Oliveira, Paulo / Moura, Antonio / Pinto, Rui / Silva, Manuel / Antunes, Artur
Speaker: Antunes, Artur (Portugal)

Revision rate before and after introduction of intraoperative three-dimensional imaging in treatment of calcaneal fractures

Authors: Wendl, Klaus / Grützner, Paul / von Recum, Jan / Franke, Jochen
Speaker: Franke, Jochen (Germany)

The clinical results of peroneal tendon dislocation compared with bone block procedure and soft tissue procedure

Authors: Ikezawa, Hiroko / Hiraishi, Eiichi / Usami, Norio
Speaker: Usami, Norio (Japan)



Saturday
8 June

08:30 – 10:00

EuroSpine – The Spine Society of Europe



Spine (incl. trauma)

SPECIALITY SESSION **EVERYTHING YOU WANTED TO KNOW ABOUT ADULT DEFORMITY IN AN HOUR.** Room Helsinki
08.30–10.00 Moderator: Berk, Haluk (Turkey)

Adult deformity evaluation and classification
Speaker: Aebi, Max (Switzerland)

Importance of co-morbidities
Speaker: Acaroglu, Emre (Turkey)

Importance of lumbar spine evaluation before hip arthroplasty and vice versa
Speaker: Le Huec, Jean-Charles (France)

Treatment options
Speaker: Mineiro, Jorge (Portugal)

HRQOL based assessment, how does surgery affect quality of life
Speaker: Pellisé Urquiza, Ferran (Spain)

Foot/ankle/leg

SYMPOSIUM **PERCUTANEOUS AND MINI-INVASIVE SURGERY MYTHS AND REALITY** Room Lisbon
08.30–10.00 Organiser: Ogüt, Tahir (Turkey)

Mini- invasive hallux valgus and forefoot surgery
Speaker: Laffenêtre, Olivier (France)

Mini- invasive hindfoot surgery
Speaker: Magnan, Bruno (Italy)

Effectiveness and safety of mini-invasive foot surgery
Speaker: Maffulli, Nicola (United Kingdom)

Results and reality in mini-invasive foot surgery
Speaker: Leemrijse, Thibault (Belgium)

Hip

FREE PAPER **PATIENT REPORTED OUTCOME (PROM) AND TOTAL JOINT REPLACEMENT** Room Florence
08.30–10.00 Moderators: Alparlan, Bülent (Turkey), Kärholm, Johan (Sweden)

Patient education influence on Patient Reported Outcomes after Total Hip Replacement
Authors: Malchau, Henrik / Garellick, Göran / Rolfson, Ola / Gordon, Max / Greene, Meridith
Speaker: Greene, Meridith (United States)

The equivalence of remote electronic and paper collection of Patient Reported Outcome (PROs): A crossover trial
Authors: Williams, Daniel / Norton, Mark / Fern, Darren / Griffiths-Jones, William
Speaker: Griffiths-Jones, William (United Kingdom)

A Core Outcome Measures Index (COMI) for patients undergoing hip replacement
Authors: Mannion, Anne / Naal, Florian / Leunig, Michael / Impellizzeri, Franco
Speaker: Impellizzeri, Franco (Switzerland)

Functional outcomes in patients with different BMIs following primary hip replacement surgery
Authors: Helm, Anthony / McKiernan, Elizabeth / Rutherford, Claire
Speaker: Rutherford, Claire (United Kingdom)

The responsiveness and minimal detectable change of functional outcome measures after Total Hip Arthroplasty
Authors: Saleh, Anas / Sculco, Thomas / Nguyen, Joseph / Cornell, Charles / Lane, Joseph / Mancuso, Carol / Unnanuntana, Aasis
Speaker: Unnanuntana, Aasis (Thailand)

08:30 – 10:00

Current use, barriers and facilitators for implementation of Patient Reported Outcome measures by Dutch orthopaedic surgeons

Authors: Poolman, Rudolf / van Oosterhout, Frank / Scholtes, Vanessa
Speaker: Scholtes, Vanessa (Netherlands)

Standards for the Oxford hip score following total hip replacement and hip resurfacing

Authors: McBryde, Callum / Pynsent, Paul / Matharu, Gulraj
Speaker: Matharu, Gulraj (United Kingdom)

New developments in patient-reported outcome assessment: A computer-adaptive testing version of the Forgotten Joint Score

Authors: Kuster, Markus / Holzner, Bernhard / Jost, Bernhard / Giesinger, Johannes / Giesinger, Karlmeirrad
Speaker: Giesinger, Karlmeirrad (Switzerland)

Reliability and validity of WOMAC osteoarthritis index and Lequesne algofunctional index in Greek patients with hip or knee osteoarthritis

Authors: Aletras, Vasilios / Totlis, Trifon / Adam, Athanasios / Natsis, Konstantinos / Papastergiou, Stergios / Konstantinidis, Georgios
Speaker: Konstantinidis, Georgios (Greece)

Shoulder/elbow, arm/forearm

SYMPOSIUM TRICKS IN ARTHROSCOPIC ROTATOR CUFF REPAIR Room Nice

08.30–10.00 Organiser: Randelli, Pietro Simone (Italy)

Tricks in single row repair

Speaker: Krahan, Mustafa (Turkey)

Tricks in double row repair

Speaker: Antonogiannakis, Manos (Greece)

Tricks for massive cuff tears

Speaker: Demirhan, Mehmet (Turkey)

Tricks in arthroscopic trans-osseus repair

Speaker: Randelli, Pietro Simone (Italy)

General Orthopaedics / complications / basic science / technology

SYMPOSIUM BONE AND JOINT DECADE: HEALTHY ACTIVE AGEING – A MULTIDISCIPLINARY AND MULTIPROFESSIONAL APPROACH Room Vienna

08.30–10.00 Organisers: Dreinhöfer, Karsten (Germany), Woolf, Anthony (United Kingdom)

Reducing the impact of fragility fractures: Orthopaedic viewpoint

Speaker: Maalouf, Ghassan (Lebanon)

Reducing the impact of fragility fractures: Geriatric viewpoint

Speaker: Wilson, Helen (United Kingdom)

Musculoskeletal health in the workplace: Rheumatology viewpoint

Speaker: Woolf, Anthony (United Kingdom)

Musculoskeletal health in the workplace: Occupational health viewpoint

Speaker: van der Vliet, Jacques (Netherlands)

Osteoarthritis: Orthopaedic viewpoint

Speaker: Dreinhöfer, Karsten (Germany)

Osteoarthritis: Physiotherapy viewpoint

Speaker: Bazin, Sarah (United Kingdom)

Saturday
8 June

08:30 – 10:00

Shoulder/elbow, arm/forearm

FREE PAPER

UNSTABLE SHOULDER

Room Madrid

08.30-10.00

Moderators: Belling Sørensen, Anne Kathrine (Denmark), Güven, Osman (Turkey)

Reliability of the posterior corner of the acromion as a landmark for the posterior arthroscopic portal of the shoulder

Authors: Kiriakidis, Anastasios / Natsis, Konstantinos / Pantelidis, Pantelis / Paraskevas, George / Totlis, Trifon
Speaker: Totlis, Trifon (Greece)

Evaluation of the arthroscopic shoulder treatment to the weightlifters of the Hellenic National Weightlifting Federation (2000-2010)

Authors: Moschonas, Spiridon / Tsikouris, Dimitrios / Plessas, Spiridon / Tsikouris, George / Karamanis, Eirinaios
Speaker: Karamanis, Eirinaios (Greece)

Indirect magnetic resonance arthrography of the shoulder is a reliable diagnostic tool for investigation of suspected labral pathology

Authors: Fallahi, Farshid / Jeavons, Lisa / Jonker, Leon / Gadde, Sarat / Green, Robert
Speaker: Green, Robert (United Kingdom)

Primary stability of knotless suture anchors in primary and revision Bankart repair

Authors: Scharpf, Andreas / Gülecüyü, Mehmet / Eid, Ahmad / Jansson, Volkmar / Pietschmann, Matthias / Müller, Peter
Speaker: Müller, Peter (Germany)

Anterior stabilisation of the shoulder with Bristow procedure: Bone block or tension band? A cadaveric study

Authors: Côté, Maxime / Cloutier, Réjean / Beaulieu, Marie-Pier / Pelet, Stéphane
Speaker: Pelet, Stéphane (Canada)

Glenoid defect coverage with coracoid graft – How much do we need? : A CT based evaluation

Authors: Tavakkolizadeh, Adel / Sinha, Joydeep / Ahmed, Mohammed / Elias, David / Singh, Ashok
Speaker: Singh, Ashok (United Kingdom)

The prevalence of chronic impingement syndrome and SLAP lesion and the sensitivity of O'Brien's Test

Authors: Yildiz, Vahit / Kalali, Fatih / Aydin, Pelin / Topal, Murat / Aydin, Ali / Köse, Mehmet
Speaker: Köse, Mehmet (Turkey)

The biomechanical strength and load transfer of classic and congruent Arc Latarjet procedures

Authors: Johnson, James / Athwal, George / Giles, Joshua / Welsh, Mark / Puskas, Gabor
Speaker: Puskas, Gabor (Switzerland)

Early failure of human dermal collagen allograft interposition combined with shoulder hemiarthroplasty

Authors: Lebschi, Julia / Gerber, Christian / Meyer, Dominik / Puskas, Gabor
Speaker: Puskas, Gabor (Switzerland)

08:30 – 12:00

ARTOF – Association for the Rational Treatment of Fractures



Polytrauma/Pelvis

SPECIALITY
SESSION

POSTTRAUMATIC JOINT INSTABILITY

Room Barcelona

08.30-12.00

Moderator: Biberthaler, Peter (Germany)

Shoulder instabilities: post traumatic stabilization and options for revision

Speaker: Biberthaler, Peter (Germany)

Elbow instability: post traumatic reconstruction and options for revision

Speaker: Ruecker, Andreas (Germany)

Hip: Dislocating and posttraumatic instability: methods and options

Speaker: Waddell, James (Canada)

Knee instability: post traumatic reconstruction and options for revision

Speaker: Blyth, Mark (United Kingdom)

08:30 – 12:00

Ankle instability and it's stabilizing options
Speaker: Ruchholtz, Steffen (Germany)

Post traumatic Wrist Instability and it's options
Speaker: Ahrens, Philipp (United Kingdom)

Elbow Instability: Hinged Fixators
Speaker: Biberthaler, Peter (Germany)

Elbow Instability: Hinged Fixators
Speaker: Blyth, Mark (United Kingdom)

Elbow Instability: Hinged Fixators
Speaker: Ruchholtz, Steffen (Germany)

Reposition Maneuvers Shoulder/ Elbow/ Hip/
Speaker: Ruecker, Andreas (Germany)

Reposition Maneuvers Shoulder/ Elbow/ Hip/
Speaker: Ahrens, Philipp (United Kingdom)

Reposition Maneuvers Shoulder/ Elbow/ Hip/
Speaker: Waddell, James (Canada)

Hip

INTERACTIVE EXPERT EXCHANGE **HOW TO MANAGE BONE DEFECTS IN THA** **Room Copenhagen**
Organiser: Macheras, George (Greece)
08.30-12.00

Strategies for dealing with massive pelvic bone loss
Speaker: Haddad, Fares (United Kingdom)

Introduction-The problem
Speaker: Macheras, George (Greece)

How to manage the femoral side
Speaker: Dora, Claudio (Switzerland)

The rational of bone defect classification
Speaker: Schreurs, Wim (Netherlands)

How to manage the acetabular side
Speaker: Babis, George (Greece)

Antibiotic loaded impaction grafting
Speaker: Buttaró, Martin (Argentina)

Infection

INTERACTIVE EXPERT EXCHANGE **INFECTED FRACTURES** **Room Berlin**
Organiser: Kocaoglu, Mehmet (Turkey)
08.30-12.00

Physiopathology and staging of infected fractures
Speaker: Levent, Eralp (Turkey)

Infection problems at gunshot injuries
Speaker: Lerner, Alexander (Israel)

Surface coatings of implants for the treatment of bone infection
Speaker: Hiroyuki, Tsuchiya (Japan)

Actual approach for the treatment of infected fractures
Speaker: Heppert, Volkmar (Germany)

Saturday
8 June

08:30 – 12:00

Reconstruction of segmental bone defects due to chronic osteomyelitis with use of an external fixator and an intramedullary nail

Speaker: Kocaoglu, Mehmet (Turkey)

10:30 – 11:30

Spine (incl. trauma)

EVIDENCE
BASED
MEDICINE
SESSION

SPINE METASTASES TREATMENT

Organiser: Cáceres Palou, Enric (Spain)

Room Madrid

10.30–11.30

Spinal metastases of mobile spine, high-degree spinal cord compression and myelopathy

Speaker: Cáceres Palou, Enric (Spain)

Metastases of the sacrum

Speaker: Martin Benlloch, Antonio (Spain)

10:30 – 12:00

Hip

FREE PAPER

METAL-ON-METAL: ADVERSE EFFECTS

Room Paris

10.30–12.00

Moderators: Penny, Jeannette (Denmark), Ozkan, Ilhan (Turkey)

MRI screening of pseudotumors following large-diameter Metal-on-Metal Total Hip Arthroplasty and metal ion release

Authors: Yoshida, Kakunoshin / Wakabayashi, Hiroki / Miyamoto, Noriki / Matsui, Yuriyo / Sudo, Akihiro / Hasegawa, Masahiro

Speaker: Hasegawa, Masahiro (Japan)

Evaluation of ultrasound as a diagnostic tool for diagnosing pseudotumor in patients with MoM, using MRI as the gold standard

Authors: Torfing, Trine / Penny, Jeannette / Varmarken, Jens-Erik / Overgaard, Søren / Schou, Martin

Speaker: Schou, Martin (Denmark)

Pre- and perioperative findings in 132 ASR Metal-on-Metal (MoM) hips revised due to Adverse Reaction to Metal Debris (ARMD)

Authors: Elo, Petra / Reito, Alekski / Pajamäki, Jorma / Puolakka, Timo / Eskelinen, Antti / Lainiala, Olli

Speaker: Lainiala, Olli (Finland)

High failure rate of the R3 Metal-on-metal hip arthroplasty

Authors: Clatworthy, Elizabeth / Jones, Stephen / John, Alun / Dramis, Asterios

Speaker: Dramis, Asterios (United Kingdom)

Immune system involvement in patients with failed metal on metal Total Hip Replacement

Authors: Court, Pinar / Donell, Simon / Ivory, Kamal / Carding, Simon / Ebreo, Darren

Speaker: Ebreo, Darren (United Kingdom)

The relationship of wear volume with histological features in failed hip resurfacing arthroplasty – An insight on failures associated with pseudotumors

Authors: Pandit, Hemant / Kamali, Amir / Glyn-Jones, Sion / Gill, Richie / Murray, David / Athanasou, Nick / Grammatopoulos, George

Speaker: Grammatopoulos, George (United Kingdom)

The effect of gender on adverse reactions to metal debris: Outcomes of 1159 38mm Metal-on-Metal hip replacements

Authors: Pearce, Andrea / Price, Mark / Harker, Richard / Conn, Kevin / Stranks, Geoff / Britton, John / Briant-Evans, Toby

Speaker: Briant-Evans, Toby (United Kingdom)

10:30 – 12:00

Revision rate for adverse reaction to metal debris in large diameter head Metal-on Metal Total Hip Replacements
Authors: McKenna, Rosaleen / Ellaparadja, Pregash / Roberts, Jason / Kelly, Michael / Grant, Stephen
Speaker: Grant, Stephen (United Kingdom)

Randomized controlled trial comparing metal ion levels in 9 different hip resurfacing designs
Authors: De Smet, Koen / van Der Straeten, Catherine
Speaker: van Der Straeten, Catherine (Belgium)

Knee osseous

FREE PAPER **REVISION KNEE ARTHROPLASTY** **Room Munich**
10.30–12.00 **Moderators: Sur, Hakki / Sarpel, Yaman (Turkey)**

β-Catenin-A marker with high specificity for arthrofibrosis after TKA
Authors: Dierkes, C.; Theiss, Carsten / Gehrke, Thorsten / Krenn, Veit / KnöB, Per / Citak, Mustafa / Kendoff, Daniel
Speaker: Kendoff, Daniel (Germany)

How does 3rd body debris affect polyethylene wear in TKR?
Authors: Herrera, Lizeth / Essner, Aaron / Longaray, Jason
Speaker: Longaray, Jason (United States)

Revision knee arthroplasty for femoral component malrotation: Clinical and radiological outcomes
Authors: Smith, Elizabeth / Ali, Syed / McLauchlan, George / Choudry, Qaisar
Speaker: Smith, Elizabeth (United Kingdom)

A cost-minimization analysis of knee arthroplasty using data from two national registries
Authors: Aqil, Adeel / Cobb, Justin / Willis-Owen, Charles / Andrews, Barry
Speaker: Andrews, Barry (United Kingdom)

Stemmed vs non-stemmed femoral components in Total Knee Arthroplasty using any constraint
Authors: Cameron, Hugh / Butt, Ahsan / Shaikh, Aamir
Speaker: Shaikh, Aamir (Ireland)

Improved metaphyseal fixation of revision total knee arthroplasty with metal modular augments fixed to the bone instead of the tibial baseplate
Authors: Traverso, Francesco / Castellani, Lorenzo / Grappiolo, Guido / Manfredini, Luca / Baldini, Andrea
Speaker: Baldini, Andrea (Italy)

Outcomes following total knee revision with trabecular metal cones
Authors: Post, Zachary / Orozco, Fabio / Austin, Matthew / Huang, Ronald / Younger, Victoria / Ong, Alvin
Speaker: Ong, Alvin (United States)

Extensor mechanism allograft reconstruction in TKA for ruptures
Authors: Summa, Pier Paolo / Traverso, Francesco / Manfredini, Luca / Baldini, Andrea
Speaker: Baldini, Andrea (Italy)

Radiographic assessment of uncemented, metaphyseal supported revision hinged knee prosthesis and classification of fixation
Authors: Spencer Jones, Richard / Oakley, Jeremy / Pavlou, George / Dhawan, Rohit
Speaker: Dhawan, Rohit (United Kingdom)

Trauma lower limb

FREE PAPER **INTERTROCHANTERIC FRACTURES** **Room Brussels**
10.30–12.00 **Moderators: Bal, Emin (Turkey) / Muñoz Vives, Josep María**

Difficult intertrochanteric fracture variants: CT scan morphology and fixation pitfalls
Authors: Kwek, Ernest
Speaker: Kwek, Ernest (Singapore)

Awareness of the tip apex distance amongst orthopaedic surgeons and trainees
Authors: Rowlands, Thomas / Matharu, Gulraj / Shahid, Mohammad
Speaker: Matharu, Gulraj (United Kingdom)

10:30 – 12:00

Minimally invasive osteosynthesis of unstable pertrochanteric hip fractures with proximal intramedullary nails and reverse LISS locking plates

Authors: Bilgili, Fuat / Aybar, Ahmet / Parmaksizoglu, Atilla / Armagan, Raffi / Özkaya, Ufuk
Speaker: Ozkaya, Ufuk (Turkey)

Extramedullary stabilization of trochanteric fractures by Compression and Limited Sliding (CLS)

Authors: Knobe, Matthias / Maier, Klaus-Jürgen
Speaker: Maier, Klaus-Jürgen (Germany)

Severely comminuted proximal femoral fractures, one implant will not solve the problem

Authors: Mohamed, Mohamed Ali Ahmed
Speaker: Mohamed, Mohamed Ali Ahmed (Egypt)

Cementless bipolar hemiarthroplasty for unstable intertrochanteric fractures in octogenarians

Authors: Hwang, Kyu-Tae / Choi, Il-Yong / Kim, Yee-Suk / Kim, Young-Ho
Speaker: Kim, Young-Ho (Korea, Republic of)

Hip arthroplasty for failed internal fixation of intertrochanteric fractures

Authors: Cho, Hong Man / Sim, Ju Hyun
Speaker: Sim, Ju Hyun (Korea, Republic of)

Treatment strategies for proximal femoral nailing of unstable intertrochanteric fractures; reduction on the traction table or lateral decubitus position without traction table. A prospective randomized trial

Authors: Seckin, Mustafa / Seker, Ali / Kara, Adnan / Ozturk, Irfan / Camur, Savas / Sonmez, Mesut
Speaker: Sonmez, Mesut (Turkey)

Spine (incl. trauma)

FREE PAPER

TRAUMA (SPINE)

Room Helsinki

10.30–12.00

Moderators: Ubierna Garcés, María Teresa (Spain), Senköylü, Alpaslan (Turkey)

Role of multimodality imaging in management of spinal trauma

Authors: Cronin, Kevin / Devitt, Aiden / McCabe, John / Munigangaiah, Sudarshan
Speaker: Munigangaiah, Sudarshan (Ireland)

Instabilities of the vertebrae remain after Balloon Kyphoplasty

Authors: Tono, Osamu / Ikuta, Ko / Doi, Toshio / Tarukado, Kiyoshi
Speaker: Tarukado, Kiyoshi (Japan)

Cement-augmented anterior screw fixation of Odontoid type II fractures – Description of a new technique

Authors: Seidel, Ulrich / Hoppe, Sven / Keel, Marius / Benneker, Lorin / Kohlhof, Hendrik
Speaker: Kohlhof, Hendrik (Germany)

The anterior transarticular stabilisation of C1/2 for atlantoaxial instabilities of the geriatric patient – A gentle alternative for posterior stabilisations

Authors: Franck, Alexander / Spiegl, Ulrich / Glasmacher, Stefan / Schmidt, Christian / Jarvers, Jan- Sven / Josten, Christoph
Speaker: Josten, Christoph (Germany)

Incidence and treatment outcome of cervical spine injuries in RTA – Retrospective analysis for the city of Belgrade from 2007–2012

Authors: Lesic, Aleksandar / Milosevic, Ivan / Bumbasirevic, Vesna / Bumbasirevic, Marko / Simic, Marko / Zagorac, Slavisa
Speaker: Lesic, Aleksandar (Serbia)

How safe and effective is percutaneous balloon kyphoplasty with local analgesia and intravenous sedation in osteoporotic vertebra fracture patients?

Authors: Margariti, Rodanthi / Papagiannopoulos, George / Karagiannis, Apostolos / Arabagi, Afrodite / Nikolopoulos, Dimitrios / Sergides, Neoptolemos
Speaker: Nikolopoulos, Dimitrios (Greece)

Radiofrequency (RFK) Kyphoplasty in comparison to conservative care in the treatment of osteolytic vertebral fractures due to multiple myeloma

Authors: Jansen, Tom / Otten, Lucia / Kabir, Koroush / Wirtz, Dieter / Bornemann, Rahel / Pflugmacher, Robert
Speaker: Pflugmacher, Robert (Germany)

10:30 – 12:00

Comparison of Balloon Kyphoplasty and RF-kyphoplasty in treatment of patients with osteoporotic compression fractures

Authors: Jansen, Tom / Otten, Lucia / Wirtz, Dieter / Bornemann, Rahel / Pflugmacher, Robert
Speaker: Pflugmacher, Robert (Germany)

Dural tears in lumbar burst fractures associated with greenstick lamina fractures

Authors: Fernandes, Pedro / Tirado, António / Botton, Miguel / Spranger, André / Teixeira, Joana / Soares do Brito, Joaquim
Speaker: Teixeira, Joana (Portugal)

Foot/ankle/leg

FREE PAPER

MISCELLANEOUS (ARTHRODESIS, FRACTURES, DIABETES)

Room Lisbon

10.30-12.00

Moderators: Ögut, Tahir (Turkey), Rabat Ribes, Eduard (Spain)

Plantar pressure changes after double arthrodesis of the hindfoot for correction of planovalgus deformity

Authors: Wanivenhaus, Axel / Funovics, Philipp / Windhager, Reinhard / Trnka, Hans-Joerg / Salzberger, Florian / Schuh, Reinhard
Speaker: Schuh, Reinhard (Austria)

Retrospective study of calcaneal lengthening osteotomies: Non-union rates of autograft vs bovine xenograft (tubobone) in patients with Cerebral Palsy (CP)

Authors: Hipps, Daniel / Dobson, Philip
Speaker: Dobson, Philip (United Kingdom)

First results of a novel polyaxial angle-stable fusion plate for ankle and transtalar arthrodesis via posterolateral approach

Authors: Lebek, Susanne / Zeh, Alexander / Delank, Karl / Wohlrab, David / Gutteck, Natalia
Speaker: Gutteck, Natalia (Germany)

Radiographic assessment of hindfoot alignment using hindfoot alignment view

Authors: Henninger, Heath / Harris, Michael / Hintermann, Beat / Anderson, Andrew / Saltzman, Charles / Barg, Alexej
Speaker: Barg, Alexej (Switzerland)

Prospective comparative study between Saltzman and hindfoot circle wired views to assess the hindfoot alignment

Authors: Moroney, Paul / Saussac, François / Barthelemy, Renaud / Fantino, Bruno / Tourné, Yves
Speaker: Tourné, Yves (France)

Measurement technic of calcaneal varus from axial view radiograph

Authors: Harnroongroj, Thossart / Tangmanasakul, Akegapon / Choursamran, Nattapol
Speaker: Choursamran, Nattapol (Thailand)

Radiographic calcaneal fracture scores assess the fracture configuration complexity

Authors: Harnroongroj, Thossart
Speaker: Harnroongroj, Thossart (Thailand)

Five years post compression arthrodesis in infected diabetic Charcot ankle joint

Authors: Allam, Ahmad
Speaker: Allam, Ahmad (Egypt)

Solid bolt fixation of the medial column in Charcot midfoot arthropathy

Authors: Miska, Matthias / Yasui, Tetsuro / Valderrabano, Victor / Wiewiorski, Martin
Speaker: Wiewiorski, Martin (Switzerland)

General Orthopaedics / complications / basic science / technology

SYMPOSIUM

EUROPEAN ARTHROPLASTY REGISTER – CLINICAL FINDINGS, DEVELOPMENT AND NEW REQUIREMENTS FROM AUTHORITIES

Room Florence

10.30-12.00

Organiser: Labek, Gerold (Austria) Moderator: Böhler, Nikolaus (Germany)

Legal circumstances, task and limitations for arthroplasty registers dealing with public health stakeholders on EU- and national level

Speaker: Labek, Gerold (Austria)

Better outcome by assessment of the income – A new method with the siris registry

Speaker: Huber, Jörg (Switzerland)

10:30 – 12:00

Findings from the 10-year report of the Romanian Arthroplasty Register RNE
Speaker: Stoica, Christian (Romania)

Identification of inferior implants in a developing Arthroplasty Register
Speaker: Bergovec, Marko (Croatia)

The German Arthroplasty Register EPRD
Speaker: Liebs, Thoralf (Germany)

Aggregated analyses of worldwide Arthroplasty register data – What can we extract?
Speaker: Sadoghi, Patrick (Austria)

General Orthopaedics / complications / basic science / technology

FREE PAPER

EXPERIMENTAL: CARTILAGE, MENISCUS, BONE

Room Nice

10.30–12.00

Moderators: Verdonk, René (Belgium) / Benazzo, Francesco

Early expression of molecular markers in mesenchymal stem cells from human adipose tissue induced to chondrogenic differentiation

Authors: Mardones, Rodrigo / Martínez, Catalina / González, Magdalena / Martínez, Rafael
Speaker: Martínez, Rafael (Chile)

Meniscal repair in vivo using human chondrocyte-seeded PLGA mesh scaffold pretreated with platelet-rich plasma

Authors: Kim, Ha Na / Nam, Jinwoo / Kim, Hee Joong / Yoo, Jeong Joon
Speaker: Yoo, Jeong Joon (Korea, Republic of)

Long-term cyclic muscle induced submaximal joint loading leads to cartilage degeneration in an In Vivo model

Authors: Fortuna, Rafael / Leonard, Timothy / Valderrabano, Victor / Herzog, Walter / Horisberger, Monika
Speaker: Horisberger, Monika (Switzerland)

Chondrotoxicity of intraarticular use of tranexamic acid In knees of rats compared to epinephrine

Authors: Tuncay, Ibrahim / Elmadag, Mehmet / Kivilcim, Hakan / Sen, Cengiz / Küçükürmaz, Fatih
Speaker: Küçükürmaz, Fatih (Turkey)

Triamcinolone acetonide treatment combined with platelet-rich plasma exerts anti-inflammatory and anti-degenerative effects on rotator cuff derived cells

Authors: Kokubu, Takeshi / Mifune, Yutaka / Inui, Atsuyuki / Nishimoto, Hanako / Harada, Yoshifumi / Nagura, Issei / Kurosaka, Masahiro / Muto, Tomoyuki
Speaker: Muto, Tomoyuki (Japan)

The Masquelet technique induces the formation of a mesenchymal stem cell rich periosteum like membrane

Authors: Jones, Elena / Dennis, McGonagle / Giannoudis, Peter / Churchman, Sarah / Tan, Hiang Boon / Cuthbert, Richard
Speaker: Cuthbert, Richard (United Kingdom)

A new application of demineralised bone as tendon substitute; ovine animal study

Authors: Pendegrass, Catherine / Blunn, Gordon / Elnikety, Sherif
Speaker: Elnikety, Sherif (United Kingdom)

Platelet rich plasma with its cellular components increased tenocytes DNA content and proliferation compared to PRP releasate and controls

Authors: Thompson, Mark / Harrison, Paul / Willett, Keith / Franklin, Sarah / Alsousou, Joseph
Speaker: Alsousou, Joseph (United Kingdom)

Novel silk-based scaffolds for meniscus tissue engineering: The relevance of controlling segmental vascularization by methacrylated Gellan gum hydrogels

Authors: Oliveira, Joaquim / Reis, Rui / Espregueira-Mendes, João / Silva-Correia, Joana / Yan, Le-Ping / Miranda-Gonçalves, Vera / Oliveira, A. L. / Reis, R.M. / Pereira, Hélder
Speaker: Pereira, Hélder (Portugal)

10:30 - 12:00

Osteoporosis

SYMPOSIUM

FRAGILITY FRACTURES OF THE PELVIS

Room Vienna

10.30-12.00

Organisers: Mutschler, Wolf (Germany), Stöckle, Ulrich (Germany)

Profile of geriatric pelvic fractures
Speaker: Schultz Larsen, Morten (Denmark)

Pubic rami fracture – a benign pelvic injury?
Speaker: Pohlemann, Tim (Germany)

Treatment of sacral insufficiency fractures
Speaker: Stöckle, Ulrich (Germany)

Acetabular fractures in the elderly – endoprosthesis vs osteosynthesis
Speaker: Mutschler, Wolf (Germany)

Insufficiency fractures of the pelvis need more than operative treatment
Speaker: Woolf, Anthony (United Kingdom)



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General Orthopaedics

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Bone and joint tumours		
EFORT13-1447	A rare and interesting case: Van Ness rotationplasty in a 14-month-old for Ewing's sarcoma of the whole femur	Mckenna, David / Taminiou, Antonie / Pollock, Robin / Bhamra, Jagmeet
EFORT13-1543	Organ preservation technologies of transosseous osteosynthesis in restorative treatment of patients with primary tumors and tumor-like lesions of the tibia	Balaeu, Pavel / Borzunov, Dmitry
EFORT13-1551	Bone lesions in multiple myeloma; a descriptive study using information from total body CT-scans	Oner, Cumhur / Verlaan, Jorrit-Jan / Minnema, Monique / Versteeg, Anne
EFORT13-1576	Efficacy of newly developed platinum complexes against osteosarcoma, bone targeting platinum and proteasome inhibitory platinum	Yamamoto, Norio / Shirai, Toshiharu / Nishida, Hideji / Tanzawa, Yoshikazu / Kimura, Hiroaki / Takeuchi, Akihiko / Miwa, Shinji / Inatani, Hiroyuki / Shimozaki, Shingo / Kato, Takashi / Tsuchiya, Hiroyuki / Odani, Akira / Hayashi, Katsuhiko / Igarashi, Kentaro
EFORT13-1581	Multifocal, metachronous giant cell tumour in a 59-year-old male patient with rare localisation: A case report	Friesenbichler, Jörg / Pirker-Frühauf, Ulrike / Maurer-Ertl, Werner / Sadoghi, Patrick / Leithner, Andreas / Mächler, Maximilian
EFORT13-1646	Synovial chondrosarcoma arising in primary synovial chondromatosis: A tertiary unit experience	Boffano, Michele / Chaudhry, Samena / Jeys, Lee / Grimer, Robert / Evans, Scott
EFORT13-1650	Pedicle versus free frozen autograft for reconstruction in malignant bone and soft tissue tumors of the lower extremities	Yamamoto, Norio / Shirai, Toshiharu / Hayashi, Katsuhiko / Nishida, Hideji / Tanzawa, Yoshikazu / Kimura, Hiroaki / Takeuchi, Akihiko / Igarashi, Kentaro / Inatani, Hiroyuki / Kato, Takashi / Tsuchiya, Hiroyuki / Shimozaki, Shingo
EFORT13-1805	Multidisciplinary approach to giant cell tumors of tendon sheath and synovium - Critical appraisal of literature and treatment proposal	van Der Heijden, Lizz / Gibbons, C. / Hassan, A. / Kroep, J. / Gelderblom, H. / van Rijswijk, C. / Nout, R. / Bradley, K. / Athanasou, Nick / Dijkstra, P. / Hogendoorn, P. / Van de Sande, Michiel
EFORT13-1828	TLEMsafe: A European project to improve predictability of functional recovery of patients requiring severe musculoskeletal surgery	Koopman, Bart / Krogt, Marjolein / Weerdesteyn, Vivian / Wirix-Speetjens, Roel / Tørholm, Søren / Sitnik, Robert / Feilkas, Thomas / Verdonchot, Nico
EFORT13-1925	Complications after Oncologic pelvis ring surgery	García, Francisco / Angulo, Manuel / Moreno, María / Amaya, José
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EFORT13-2029	Intraarticular osteoid osteoma of the hip: A challenging diagnosis	Demiralp, Bahtiyar / Basbozkurt, Mustafa / Yildiz, Cemil / Keskinbora, Mert / Kose, Ozkan
EFORT13-2165	Reconstruction in severe pelvic bone loss and discontinuity; using a coned hemi-pelvis with a posterior approach to the hip	Evans, Scott / Sadique, Hammad / Jeys, Lee / Grimer, Robert / Quraishi, Mohammed
EFORT13-2218	A "boneless" shoulder; a rare case of Gorham's Syndrome	Portolés Pcampo, Ana / Navarro Beltrán, Pablo / Lambán, Noemi / Rodríguez-Chacón, Luis
EFORT13-2237	Simple bone cysts of the calcaneus - A distinct clinical entity? A comparative study with long bone cysts	Hoshi, Manabu / Oebisu, Naoto / Nakamura, Hiroaki / Takada, Jun



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NR.	TITLE	AUTHORS
EFORT13-2264	Osteoarthritis after curettage with PMMA for giant cell tumors around the knee - Prevalence, risk factors and clinical relevance in 46 patients	van Der Heijden, Lizz / Heineken, Adriaan / Van de Sande, Michiel / Nelissen, Rob / Dijkstra, P.
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EFORT13-2389	Computed tomography guided musculoskeletal biopsies	Papavasiliou, Kyriakos / Kyrkos, Ioannis / Kapetanos, Georgios / Bintoudi, Antonia
EFORT13-2400	Percutaneous image-guided radiofrequency ablation of bone lesions. Our experience in the last 10 years	Papavasiliou, Kyriakos / Sarris, Ioannis / Kyrkos, Ioannis / Bintoudi, Antonia
EFORT13-2429	Adverse reactions of artificial bone graft substitutes: Lessons learned from using tricalcium phosphat "GeneX"	Sadoghi, Patrick / Maurer-Ertl, Werner / Pirker-Frühauf, Ulrike / Weger, Christian / Leithner, Andreas / Friesenbichler, Jörg
EFORT13-2447	Metastatic lesions in the humerus. Analysis of 70 cases	Serrano, Celia / Pablos, Oscar / Agulló, José Luis / Tramunt-Monsonet, Carlos / Casals, Victor / Fontalva, María Luisa / Portabella, Federico
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EFORT13-2583	Arthroscopic treatment of synovial chondromatosis with three diverse locations	Murciano Antón, María Aránzazu / Martínez López, Nuria / Muñoz Sicilia, Teresa / De Dios Pérez, María Sol / Gómez Mendieta, Remedios / Sanjurjo Portus, Jorge / Escalera Alonso, Javier / López-Franco, Mariano
EFORT13-2803	Clavicular osteochondroma resulting in Paget Schroetter syndrome: A case report	Campton, Luke / Mahmood, Fahd
EFORT13-2879	Autologous double-barrel vascularized fibula bone graft for arthrodesis of the shoulder after tumor resection	Wieser, Karl / Fuchs, Bruno / Modaressi, Kourosh
EFORT13-2959	Surgical management of metastatic periacetabular lesions	López-Durán, Luis / García-Coiradas, Javier / Cebrián Parra, Juan Luis
EFORT13-2964	Patient and implant survival following joint replacement because of metastatic bone disease	Gregersen, Kristine / Grum-Schwensen, Thomas / Hovgaard, Dorrit / Petersen, Michael / Sørensen, Michala
EFORT13-3132	Primary osseous lymphoma – A difficult diagnosis	Desai, Ankit / Pinches, Gwendoline / Lang, Kathryn / Lidder, Surjit / Skyrme, Andrew / Edwards, Huw
EFORT13-3365	Synovial cyst and sudden motor weakness, sensory loss and neurogenic claudication	Bernaldez, M. J. / Lorente, A. / Castrejón, M. C. / Díaz-Rojas, L. M. / Muñoz-Ledesma, J. L. / Lorente, Rafael
EFORT13-3652	Bilateral Elastofibroma Dorsi, a case review.	Estévez, Daniel / Pérez, Arturo / Rodríguez, Joaquim / Casellas, Mireia
EFORT13-3864	Complication of radiation therapy for soft tissue sarcomas: experience of orthopaedic oncology department of Florence	Campanacci, Domenico / Frenos, Filippo / Scoccianti, Guido / Matera, Davide / Capanna, Rodolfo / Caff, Giuseppe / Beltrami, Giovanni
EFORT13-3865	Functional reconstruction around the knee with megaprosthesis	Beltrami, Giovanni / Scoccianti, Guido / Chacon, Sara / Capanna, Rodolfo / Caff, Giuseppe / Campanacci, Domenico
EFORT13-3893	Combined distal femoral and proximal tibial segmental endoprosthetic reconstruction following tumour resection – A retrospective analysis of 38 patients	Dominkus, Martin / Windhager, Reinhard / Funovics, Philipp / Riedl, Markus / Sevelde, Florian

General Orthopaedics

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EFORT13-3950	Gorham-Stout disease : A rare case of massive osteolysis and chylothorax	Liu, Chien-Lin / Cheng, Yen-Wen
EFORT13-3952	Surgical treatment of pathological fractures of the humerus with bony metastases	Chung, Lien-Hsiang / Wu, Po-Kuei / Chen, Cheng-Fong / Chen, Wei-Ming / Liu, Chien-Lin / Cheng, Yen-Wen
EFORT13-3958	Biological diaphyseal reconstruction after excision of malignant bone tumours using a vascularised fibular graft	Ogura, Koichi / Fujiwara, Tomohiro / Asano, Naofumi / Setsu, Nokitaka / Kobayashi, Eisuke / Nakatani, Fumihiko / Chuuman, Hirokazu / Kawai, Akira / Tanzawa, Yoshikazu
EFORT13-4032	Hydatic cyst of the thigh. An unusual localization. Case report	Saloupis, Panagiotis / Papadopoulos, Anestis / Eftychiakos, Nikolaos / Chatziravdelli, Vasiliki / Christakis, Nikolaos / Ioannidis, Christos / Koukos, Anastasios / Grigoriadis, George
EFORT13-4226	Pitfalls of biopsy in cartilaginous tumours of iliac bones	Delepine, Fabrice / Delepine, Gerard
EFORT13-4382	Cervical paravertebral osteolipoma. Case report	Puig Verdí, Lluís / Ramírez Valencia, Manuel / Saló Bru, Guillem / Molina Ros, Antoni / Lladó Blanch, Andreu / Gil González, Sergi / Pérez Prieto, Daniel / Guirro Castellnou, Pau
EFORT13-4402	Primary synovial chondromatosis of the hip presenting as a pathological fracture: a case report and review of literature	Shoker, Balvinder / Shetty, Shilpith / Muthian, Senthil
EFORT13-4526	A symptomatic non-ossifying fibroma of the distal femur treated by cryoablation. A case report.	Bize, Pierre / Rüdiger, Hannes / Cherix, Stéphane / Ngo, Nam
EFORT13-4543	A two-stage reconstruction with a total knee megaprosthesis for a single distal femur metastasis, 9 years after excision of a malignant melanoma in a 21-years old patient: A case report	Leyvraz, Pierre / Cherix, Stéphane / Mariaux, Sandrine
EFORT13-4644	Solitary secondary malignant melanoma of clavicle two years after enucleation for ocular melanoma	Ciloglu, Ufuk / Turkmen, Ismail / Senol, Serkan / Graci, Calogero / Tozum, Halil / Ozkan, Korhan / Reddy, Krishna
EFORT13-4655	Parosteal lipoma as an increasingly noticed etiology for upper extremity compression neuropathy	Basarir, Kerem / Yildiz, Yusuf / Saglik, Yener / Karaca, Onur
EFORT13-4731	Jaffé-Campanacci syndrome: An extremely rare cause of pathologic fracture of the femur	Rüdiger, Hannes / Cherix, Stéphane
EFORT13-4740	Extra-articular knee resection for a secondary chondrosarcoma evolving from an isolated enchondroma of the distal femur	Cherix, Stéphane / Rüdiger, Hannes / Laurencon, Jonathan
EFORT13-4769	Patellar bone stock below critical level in extraarticular resection of the knee preserving the extensor mechanism: A cadaver study	Karaca, Onur / Armangil, Mehmet / Esmer, Firat / Sen, Tulin / Yildiz, Yusuf / Basarir, Kerem
EFORT13-5554	Proximal humeral endoprosthetic replacement outcomes: The use of tumour tube reconstruction	Gikas, Panagiotis / Bhamra, Jagmeet / Aston, William / Blunn, Gordon / Pollock, Robin / Briggs, Timothy / Perera, Jonathan
EFORT13-5598	Transaxillary resection of a scapular osteochondroma causing chest wall deformity - A case discussion	Gerrand, C. H. / Kakkar, Rahul
EFORT13-5680	Extraskelatal osteosarcoma: A clinical review of fifteen cases	Dominkus, Martin / Panotopoulos, Ioannis / Windhager, Reinhard / Funovics, Philipp / Hipfl, Christian
EFORT13-5683	Modular prosthesis reconstructions in tumoral bone oncologic surgery - A too short experience	Popescu, Mihai / Cismasiu, Razvan-Silviu

General Orthopaedics

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EFORT13-5843	Periosteal osteosarcoma: A single institute review of 14 cases	Pollock, Robin / Tirabosco, Roberto / Silverwood, Robert
EFORT13-5878	An update of epidemiology of childhood bone malignancies	Hara, Eshelle / Fong, Angus
EFORT13-6026	The treatment of impending and existing pathological proximal or diaphyseal femoral fractures with Intra Medullary Nailing without Methyl-Methacrylate Augmentation	Kosashvili, Yona / Sidon, Eliezer / Cohen, Nir / Yaari, Lee / Velkes, Steven / Shemesh, Shai
General Orthopaedics / complications / basic science / technology		
EFORT13-1175	AKAN®: An improvement for the trans-femoral amputee?	Carmona, Gorki / Assal, Mathieu / Lacraz, Alain
EFORT13-1185	One-year results of percutaneous concentrated autologous bone marrow aspirate transplantation (CABMAT) in seventeen cases of non-union	Mishima, Hajime / Aoto, Katsuya / Li, Meihua / Yoshioka, Tomokazu / Sakai, Shinsuke / Akaogi, Hiroshi / Sakane, Masataka / Yamazaki, Masashi / Ochiai, Naoyuki / Sugaya, Hisashi
EFORT13-1276	An analysis of 471 failed unicompartmental knee arthroplasties	Gehrke, Thorsten / Dersch, Kathrin / Klauser, Wolfgang / Kendoff, Daniel / Citak, Mustafa
EFORT13-1284	Effectiveness of autologous transfusion system in primary Total Knee and Total Hip Arthroplasty	Gehrke, Thorsten / Hessling, Carola / Roehrs, Ehrenfried / Citak, Mustafa / Kendoff, Daniel
EFORT13-1310	15 months down the line – Clinical results of traumatic bone defects treated with resorbable silicated porous hydroxyapatite	Brüning-Wolter, Felix / Schulz, Arndt / Paech, Andreas / Jürgens, Christian / Wilde, Erik
EFORT13-1330	Evaluation of routine echocardiogram request for 'new murmur' detected in orthopaedics pre-admission clinic	Alaswadi, Abdulrahman / Bullen, Lynda / Hynes, Matthew / Ahmed, Altaf
EFORT13-1350	Trauma day surgery: A necessary resource	Oliver, Matthew / Davies, Chi / Bhamra, Jagmeet
EFORT13-1477	Local infiltration of anaesthesia reduces blood loss and transfusion rates in knee arthroplasty surgery	Tong, Karen / Bhutta, Mohammed / Ryan, William / Ajwani, Sanil
EFORT13-1478	Coronal stability and dynamic alignment of the osteoarthritic knee before and after medial uni-compartmental knee replacement using navigation	Nandhara, Gubinder / Jarratt, Jeremy / Ajwani, Sanil
EFORT13-1546	Detection of prosthesis loosening by electrical impedance analysis	Audrito, Massimo / Facchini, Alessandro / Fusi, Simonetta / Pedotti, Antonio / Forlani, Christian / Bovio, Dario
EFORT13-1605	Training in day-case surgery – A missed opportunity	El-Sharkawy, Ahmed / Bagouri, Elmunzar / Chauhan, Vanisha
EFORT13-1631	Implant use for primary hip and knee arthroplasty: Are we getting it right first time?	Gillott, Elizabeth / Bhamra, Jagmeet / Briggs, Tim / Ng Man Sun, Stephen
EFORT13-1645	Differences in mechanical and oxidative stability between vitamin-e blending and diffusion processes	Figura, Michael / Freedman, Jordan / Sundaramurthy, Sonu / Schroeder, Dave
EFORT13-1694	A comparison of tensile modulus between patellar ligament and hamstrings tendon graft	Jovanovic, Savo / Zelic, Zoran / Rapan, Saša / Wertheimer, Vjekoslav / Biuk, Egon

General Orthopaedics

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EFORT13-1708	Increased plasma protein advanced glycation endproduct, oxidation and nitration biomarkers in patients with increasing severity of osteoarthritis	Costa, Matthew / Watts, Richard / Thornalley, Paul / Rabbani, Naila / Ahmed, Usman
EFORT13-1750	Changes in the incidence of diabetes-related lower extremity amputation: A long-term observational survey in Geneva, Switzerland	Hoffmeyer, Pierre / Assal, Mathieu / Lacraz, Alain / Carmona, Gorki
EFORT13-1769	Platelet derived growth factor releasing poly-β-hydroxybutyrate-co-3-hydroxyvalerate based biodegradable implants: The effect on fracture healing	Türker, Mehmet / Demir, Teyfik / Çirpar, Meriç / Yalçinozan, Mehmet
EFORT13-1775	Effects of 5'-(N-ethylcarboxamido) adenosine on proliferation and differentiation of human bone marrow-derived mesenchymal stem cells	Jung, S. / Lee, J. / Jung, J. / Cha, S. / Suh, Kuentak
EFORT13-1790	The role of the vacuum in reinfusion drainage systems	kovac, Simon / Topolovec, Matevž
EFORT13-1809	In an observatory study there are a substantial risk of misinterpretation of results after primary Total Hip Replacement	Nordsletten, Lars / Maansson, Lukas
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EFORT13-1924	Dropping of instrument by scrub team during hip and knee arthroplasty - Does patient's size matters?	Jayme, Odette / Kalairajah, Y. / Haque, Syed
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EFORT13-1970	Thromboprophylaxis for Hip and Knee Arthroplasty with Rivaroxaban- Experience in a District Hospital	Nunag, Perrico / Giebaly, Dia / Kerr, Andrew / Press, James
EFORT13-2071	A mile in my shoes: The experiences of ASR hip patients and their families	Wienroth, Matthias / Hopkins, Clare / Joyce, Tom / McCormack, Pauline
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EFORT13-2193	Antibiotic pre-exposure reduces the ability to detect heat production of bacteria in biofilm	Furustrand Tafin, Ulrika / Betriséy, Bertrand / Overgaard, Søren / Trampuž, Andrej / Ravn, Christen
EFORT13-2234	Patient perceptions of computer assisted surgery	Patel, Amit / Davis, Edward / Gandhi, Maulik
EFORT13-2292	Comparative differential scanning calorimetric analysis of 13 different types of human collagen tissues	Vámhidy, László / Lorinczy, Dénes / Naumov, Istvan / Wiegand, Norbert

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EFORT13-2326	Effect of triamcinolone acetonide to rotator cuff derived cells: Dose and time depending effect	Kurosaka, Masahiro / Kokubu, Takeshi / Mifune, Yutaka / Nishimoto, Hanako / Muto, Tomoyuki / Inui, Atsuyuki / Nagura, Issei / Harada, Yoshifumi
EFORT13-2338	Prophylactic use of gentamicin and the incidence of acute kidney injury in orthopaedics	McGraw, Iain / Hansom, Donald
EFORT13-2352	PCL over-tightness increases tibial insert contact stress in cruciate retaining Total Knee Arthroplasty	Angibaud, Laurent / Gao, Bo
EFORT13-2359	Metatropic dysplasia as the cause of atlantoaxial instability, spinal stenosis and myelopathy. Case report and literature review	Kryl, Jan / Vyskocil, Tomáš / Nesnidal, Petr / Stulik, Jan / Barna, Michal
EFORT13-2504	The influence of ACL reconstruction on post-operative rotational laxity: Do the patients with higher values maintain higher values after the surgery?	Signorelli, Cecilia / Lopomo, Nicola / Marcheggiani Muccioli, Giulio Maria / Marcacci, Maurizio / Zaffagnini, Stefano / Bonanzinga, Tommaso
EFORT13-2533	Nuclear medicine applications in lumbar vertebral pathology	Duran, C. / García, L. / Rayo, J. I. / Lorente, A. / Serrano, V. J. / Infante, J. R. / Lorente, Rafael
EFORT13-2536	Peri-operative prophylactic gentamicin and flucloxacillin administration significantly increases new onset renal impairment for elective hip and knee arthroplasty	Torkington, Mathew / Anthony, Iain / Wells, Julie / Blyth, Mark / Jones, Bryn / Bailey, Oliver
EFORT13-2542	Non-traumatic anterior knee dislocation in a patient with osteoarthritis of the knee	Klatte, Till / Gehrke, Thorsten / Klauser, Wolfgang / Kendoff, Daniel / Ansorge, Christian / Citak, Mustafa
EFORT13-2584	Aggressive arthropathy of multiple large joints following tick bites: Case report and review of literature	Akrawi, Hawar / Sagar, Chris / Tawfiq, Osama / Shafiqat, Syed / Hassan, Syed
EFORT13-2611	Routine tranexamic acid use in a district general primary arthroplasty unit: Outcome following introduction	Hassan, Fazal / Craig, David / Bunn, Jonathon / Thompson, Robin
EFORT13-2695	Clinical and cost-effectiveness aspects of retransfusion in orthopaedic surgery	Dutka, Julian / Dutka, Lukasz / Skowronek, Pawel / Skowronek, Michal / Dobosz, Bartlomiej
EFORT13-2805	Impaction test method replicating simulated use for cancellous bone punch arthroplasty	Pencinger, Christie / Scholl, Laura / Schmidig, Gregg / Thakore, Mayur
EFORT13-2860	Does hypotensive anesthesia result in false anemia and therefore increase transfusion requirements?	Bou Monsef, Jad / Perna, Michelle / Boettner, Friedrich
EFORT13-2971	Weekday of surgery and gender as important factors delaying discharge after Total Hip Replacement (THR)	Olsson, Marianne / Maansson, Lukas / Thoen, Peder
EFORT13-2995	Peri-operative radiation exposure; is it a big problem?	Finlayson, David / Cochrane, Lynda / Hince, Andrew / Dalglish, Stephen
EFORT13-3019	The diagnostic availability of multidetector-row computed tomography (MDCT) in deep vein thrombosis developed after joint arthroplasty	Jong Min, Lee / Suk In, Na / Myung Ku, Kim
EFORT13-3031	Common autoantibody markers for SLE and vascular diseases	Yamanaka, Hajime / Tahara, Masamitsu / Goto, Ken-Ichiro
EFORT13-3116	Combined inhalation of cigarette smoke and coal dust particulate matter 10 (PM10) increase bone iron level in rat	Setiawan, Bambang / Noor, Zairin
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EFORT13-3291	Strass-strain analysis on allo-and autograft of anterior cruciate ligament - Pitfalls of the fixation techniques	Hangody, György / Szébenyi, Gábor / Kiss, Rita / Hangody, László / Pap, Karoly
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EFORT13-3548	Delayed presentation of a non traumatic compartment syndrome in a patient warfarinized for an acute DVT	Tong, Aureola / Brooks, Francis / Tanaka, Hiro / Bayley, Morgan
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EFORT13-3953	Introduction of a Trauma checklist to improve the quality of operation notes in a District General Hospital	Ansari, Aneel / Seeley, Joanna / Shah, Nirav / Chotai, Neil
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EFORT13-3963	Primary stability of megaprotheses of the proximal femur – Influence of different designs	Kretzer, Jan / Jakobowitz, Eike / Kinkel, Stefan / Graage, Jan / Nadorf, Jan
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EFORT13-4023	Knee injury and osteoarthritis outcome score (KOOS): Reliability, validity and responsiveness of the Greek version in patients with Total Knee Replacement	Moutzouri, Maria / Billis, Evdokia / Gliatis, John / Panagiotopoulos, Elias / Tsoumpas, Pantelis
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EFORT13-4162	Is the patient warm enough? Perioperative core temperatures in arthroplasty patients	Westerman, Richard / Rowles, John / Gogna, Rajiv
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EFORT13-4268	A new monetite/silica-gel based biomaterial for bone regeneration. In Vivo study	Carrodeguas, Raúl / Padilla, Sussette / García de Castro, Arcadio / Díaz-Guemes, Idioa / Enciso, Susana / Collía, Francisco / Benito, Lorena / De Pedro, José Antonio
EFORT13-4274	Bone regeneration induced by the engraftment of c-Kit unselected human amniotic fluid stem cells (AFSC) in a rat model: A pilot study	Salini, Vincenzo / Stuppia, Liborio / Antonucci, Ivana / Andreoli, Elda / Di Pietro, Roberta / Marchegiani, Francesco / Centurione, Lucia / Centurione, Maria / Pantalone, Andrea / Vanni, Daniele
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EFORT13-4698	Is blood transfusion refusal following total joint arthroplasty associated with increased complications?	Orozco, Fabio / Kane, Ian / Younger, Victoria / Ong, Alvin / Post, Zachary
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EFORT13-4849	Quality of written consent will improve with pre-filled consent forms: Results of an audit on quality of written consent for operations for fractures of the neck of femur	Menon, Dipen / Aujla, Randeep / Wazir, Akhlaq / Bishnoi, Amit / Murphy, Jennifer / Nakedar, Sameer
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EFORT13-4887	The factors affecting the accurate insertion of the drill sleeve to locking compression plate	Kim, Jung-Jae / Park, Ki-Chul / Shon, Oog-Jin / Oh, Hyoung-Keun / Kim, Ji-Wan
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EFORT13-5123	The usefulness of intraoperative 3D imaging in fracture surgery	Kim, Jung-Jae / Park, Ki-Chul / Shon, Oog-Jin / Oh, Hyoung-Keun / Kim, Ji-Wan
EFORT13-5170	A review of orthopaedic classifications; is their use justified?	Yates, Edward / Foley, Giles / Murray, David / Whitehouse, Samantha / Jain, Neil
EFORT13-5230	Patient perception of nerve injury following elective lower limb arthroplasty surgery	Silk, Zacharia / Butt, Umar / Bardakos, Nikolaos / Field, Richard / Buly, Jocelyn / Alazzawi, Sulaiman

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EFORT13-5400	Tibial non-unions with bone loss treated with the Ilizarov apparatus	Kecojevic, Vaso / Lukic, Mirka / Vukajlovic, Bosko / Tomic, Sanja / Lalic, Ivica
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EFORT13-5594	The need for a "post-op check x-ray" on trauma patients	Gogna, Rajiv
EFORT13-5633	Delayed compartment syndrome of the thigh following excessive physiotherapy after a Total Hip Replacement	Stone, Andrew / Nicol, Stephen / Elsarafy, Kareem
EFORT13-5661	Beneficial Ppharmacological effects of Levosimendan on antioxidant status of acute inflammation induced in paw of rat: Involvement in inflammatory mediators	Karakus, Emre / Albayrak, Abdulmecit / Bayir, Yasin / Unal, Deniz / Aydin, Ali / Halici, Zekai
EFORT13-5722	The absence of the bilateral femoral diaphysis – A case report	Gogulescu, Nicolae / Gogulescu, Bogdan
EFORT13-5736	New method to monitor partial weight bearing of outpatients with the insole sensor system	Deiniger, Christian / Schwieger, Karsten / Pohlemann, Tim / Stöckle, Ulrich / Lucke, Martin / Doebele, Stefan
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EFORT13-5905	Bilateral knee and hip osteonecrosis after systemic steroid treatment for choroidal neovascularization	Davidson, Jerome / Goddard, Richard / Jha, Shilpa
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EFORT13-2691	The microbiology profile of infections following primary Total Knee Replacement in the Kingdom of Fife	Morris, Keith / Walmsley, Phil / Ballantyne, James / Brenkel, Ivan / Akhtar, Muhammad Adeel
EFORT13-2857	Less-invasive cement spacer for replacement of infected uncemented Total Hip Replacement (THR) : Report of three cases	Yoshikawa, Eiichiro / Kume, Shinichiro / Okawa, Takahiro / Mitsui, Yasuhiro / Gotoh, Masafumi / Araki, Kyoko / Higuchi, Fujio
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EFORT13-3245	The surgical site infection on a traumatized patient: Correlation among age, diabetes, smoke and operating risk	Fisichella, Leonardo / Fenga, Domenico / Maio, Monica / Laudati, Angelo / Rosa, Michle Attilio
EFORT13-3337	Effect on bacterial adhesion of chemical modified titanium alloy surface by farnesol. In Vivo study.	Quiles, Manuel / Delgado, María / Pacha, Miguel / Giraldo, Ciro / Gallardo, Amparo / González-Martín, María / Constantino, Juan
EFORT13-3425	Gentamicin-impregnated vs Gentamicin-vancomycin-impregnated prosthesis-like spacers for the treatment of failed septic total knee arthroplasty. Is there any difference in clinical outcomes?	Corona, Pablo / Pijoan, Joan / Barro, Victor / Amat, Carles / Flores, Xavier / Mendez Ojeda, Marye Merce
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EFORT13-4083	Vertebral hydatid disease and its treatment by anterior-posterior radical excision, fusion and chemotherapy with Albendazole. A case report: Twelve years follow-up result	Sever, Cem / Erdem, Mehmet / Erturer, Erden / Tezer, Mehmet / Cift, Hakan

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EFORT13-5316	Osteomyelitis of the wrist in children: Case report and review of the literature	Yañez Siller, Federico / Bernal Vargas, Juan / Masferrer, Ángel / Iborra, Miquel / Alberti Fitó, Gloria / Matas Pareja, Mariano / Cavanilles, José María / Panadero Moncusi, Manel
EFORT13-5407	Wound infection following elective lower limb joint arthroplasty: An analysis of 199 patients	Bardakos, Nikolaos / Field, Richard / Sukeik, Mohamed / Beer, Zoe / Silk, Zacharia / Butt, Umar / Alazzawi, Sulaiman
EFORT13-5428	Treatment of the failure of a two-stage replacement of a total knee arthroplasty for mycotic infection: Case report	Guerra, Ernesto / Muñeton, David / Barastegui, David / Cáceres Palou, Enric / Aguilar, Marc
EFORT13-5438	Arthrodesis through external fixation and bone transport in extreme knee periprosthetic infection	Haddad, Sleiman / Plano, Xavier / Méndez, Marye Merce / Amat, Carles / Corona, Pablo / Flores, Xavier / Selga, Jordi
EFORT13-5467	Impact of antimicrobial prophylaxis on periprosthetic tissue culture for diagnosing prosthetic joint infection	Trebše, Rihard / Mihalic, Rene / Faganeli, Nataša / Kavcic, Martina / Bedencic, Klemen
EFORT13-5472	Paediatric musculoskeletal sepsis due to Panton-Valentine leukocidin associated Staphylococcus aureus	Astle, Lisa / Jalgaonkar, Azal / Eastwood, Deborah / Bridgens, Anna
EFORT13-5534	Bacterial biofilm – In Vitro detection by measuring impedance	Jahoda, David / Zikmund, Aleš / Landor, Ivan / Pokorný, David / Sosna, Antonín / Judl, Tobiáš
EFORT13-5574	Effect of boric acid containing bone cement on biofilm formation	Gülnaz, Dolunay / Sener, Burçin / Caglar, Omur / Batmaz, Güray / Atila, Bülent
EFORT13-5634	Acute versus chronic inflammatory reactions as indicator for treatment success of rabbit experimental osteomyelitis with antibiotic impregnated human bank bone or antibiotic impregnated bone cement	Plenk, Hanns / Mayerhoefer, Martin / Kujundzic, Meliha / Kaudela, Karl
EFORT13-5910	Use of bone substitutes with antibiotic in the treatment of chronic osteomyelitis	Portabella-Blavia, Federico / Cabo-Cabo, Xavier / Moranas-Barrero, José / Pedrero-Elsuso, Salvador / Romero-Pijoan, Eudald

Osteoporosis

EFORT13-1180	Distribution of vitamin K2 in subchondral bone in osteoarthritis knee joints of patients who underwent Total Knee Arthroplasty	Noguchi, Hideo / Takeda, Mitsuhiro / Sato, Junko / Wakabayashi, Hiroyuki / Ishii, Yoshinori
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EFORT13-1207	BMD reduction, vitamin D deficiency and lactose intolerance in young childhood sarcoma survivors	Friesenbichler, Jörg / Maurer-Ertl, Werner / Obermayer-Pietsch, Barbara / Leithner, Andreas / Pirker-Frühauf, Ulrike
EFORT13-1421	Atypical femoral fractures related to prolonged diphosphonate intake – Case report	Serdoura, Francisco / Pinho, Andre / Rodrigues, Pedro / Pinto, Rui / Santos Carvalho, Manuel
EFORT13-1496	Relation between bisphosphonate and union in patients with atypical femoral fractures: Quit or continue?	Yoo, Jeong Joon / Oh, Kwang-Jun / Yoo, Je-Hyun / Rhyu, Kee-Hyung / Suh, Dong-Hun / Min, Byung-Woo / Lee, Kyungjae
EFORT13-1880	Trends selection of method treatment femur pathological fractures at children with tarda form osteogenesis imperfecta	Kuksov, Vitaly F.
EFORT13-2074	Effects of Denosumab treatment and discontinuation on bone mineral density and bone turnover markers in postmenopausal women with low bone mass	Iliopoulos, Euthimios / Kyriakidis, Theophylaktos / Kyriakidis, Anastasios / Zidrou, Christiana
EFORT13-2076	Effects of denosumab for the treatment of men with low bone mineral density	Iliopoulos, Euthimios / Kyriakidis, Theophylaktos / Kyriakidis, Anastasios / Zidrou, Christiana
EFORT13-2101	Association between timing of zoledronic acid and infusion and hip fracture healing	Iliopoulos, Euthimios / Kyriakidis, Theophylaktos / Kyriakidis, Anastasios / Zidrou, Christiana
EFORT13-2113	Could one predict the effects of cast immobilization on bone mineral mass in teenagers with lower limb fractures	Dubois-Ferrière, Victor / Lascombes, Pierre / Dayer, Romain / Martin, Xavier / De Coulon, Geraldo / Ceroni, Dimitri
EFORT13-2353	Bone markers (beta-crosslaps) in osteoporotic fractures. Comparison of wrist fractures and hip fractures in Spanish population	Moril, Lorena / Pellicer, Vicente / Ojeda, Margarita / Gutierrez, Pedro
EFORT13-3023	Bone density, fractures and bone microarchitecture of survivors of Ewing's sarcoma	Funovics, Philipp / Schüller-Weidekamm, Claudia / Windhager, Reinhard / Holzer, Gerold / Hobusch, Gerhard
EFORT13-3977	Singh index does not predict bone mineral density of the proximal femur as compared to dual energy X-ray absorptiometry (DEXA) and peripheral quantitative computed tomography (pQCT)	Stark, Olaf / Beckmann, Johannes / Püschel, Klaus / Vettorazzi, Eik / Amling, Michael / Gebauer, Matthias / Klatte, Till
EFORT13-4202	Comparison of bone mineral density in hip fracture patients with or without prior osteoporotic spinal compression fracture	Kim, Yeung Jin / Kim, Byung Su / Chae, Soo Uk
EFORT13-5167	Spontaneous fracture in long-term treatment with bisphosphonates	Gil González, Sergi / Piñol Jurado, Ignasi / Guirro Castellnou, Pau / Espiga Tugas, Xavier / Cebamanos Celma, Joan / Puig Verdí, Lluís / Sánchez-Soler, Juan Francisco
EFORT13-5873	Atypical femoral fractures – Bisphosphonates?	Leirinha, Manuel / Gomes, Jose / Carvalho, Andre

Pain control / rehabilitation and non-surgical management

NR.	TITLE	AUTHORS
EFORT13-1796	The effectiveness of hyaluronic acid intra-articular injections in knee osteoarthritis. A systematic review	Anand, Amarjit / Trigkildas, Dionysios
EFORT13-1810	Media coverage can effect length of stay after Total Hip Replacement	Gullan, Dag / Olsson, Marianne / Maansson, Lukas
EFORT13-2137	Enhanced recovery programme for hip and knee arthroplasty	Iftikhar, Hamid / Robati, Shibby / Hammouche, Salah / Shahid, Mohammad

General Orthopaedics

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EFORT13-2312	Comparing delayed-onset muscle soreness following eccentric exercise in elite hockey players treated with: Whole body vibration, or stretching	Maffulli, Nicola / Grice, Peter / Angioi, Manuela / Morrissey, Dylan / Grice, John
EFORT13-3138	The effect of self-administered superficial local hot and cold application methods on pain, functional status and quality of life in primary knee osteoarthritis patients	Akyüz, Aygöl / Tunay, Servet / Açıksöz, Semra
EFORT13-3756	The concept of "cohorting" for arthroplasty patients	Nicholson, Lance / Macdonald, Andrew / Jardim, Ani / Farrington, William
EFORT13-3910	Can complementary therapies improve pain control after ambulatory knee surgery: A systematic review	Downham, Christopher / Barlow, David / Barlow, Timothy
EFORT13-4090	Early independence in basic amputee activities but extremely poor one-leg balance following major non-traumatic lower limb amputation	Nielsen, Anni / Nielsen, Kirsten / Madsen, Ulla / Kristensen, Morten
EFORT13-4264	Rivaroxaban for thromboprophylaxis after major orthopaedic surgery of hip or knee in XAMOS: Outcomes by type of surgery	Schmidt, Andre / Turpie, Alexander / Jamal, Waheed / Mantovani, Lorenzo / Kreutz, Reinhold / Holberg, Gerlind / Haas, Sylvia / Lassen, Michael Rud
EFORT13-4595	Introduction of iliaco-fascial blocks for pre-operative pain relief in patients with neck of femur fractures	Li, Lily / Davies, Neil / Waters, Tim / Kalraiya, Ashish / Buddhdev, Pranai
EFORT13-4737	Enhanced recovery and short hospital stay following total hip and knee arthroplasty: A review of perioperative interventions	Khan, Muhammad / Alazzawi, Sulaiman / Haddad, Fares / Ibrahim, Mazin
EFORT13-5100	Role of teriparatide (recombinant parathyroid hormone) as a therapeutic measure in tensile type of Stress fracture neck of femur, in high risk patients for impaired healing of fracture	Digge, Vijaykumar / Malhotra, Rajesh
EFORT13-5271	Ultrasound-guided anterior axilla musculocutaneous nerve block	Kokkalis, Zinon / Mavrogenis, Andreas / Saranteas, Theodosios / Stavropoulos, Nikolaos / Sarlikiotis, Thomas / Tsiavos, Konstantinos / Papagelopoulos, Panagiotis
EFORT13-5286	Rehabilitation of tibial shaft fractures using an ambulatory biofeedback device	Moga, Daniel / Neaga, Florian
EFORT13-5459	The role of periarticular injection in the fast rehabilitation of arthroplasty cases	Bilgen, Ömer / Bilgen, Sadik / Özdel, Ahmet / Yilmazlar, Aysun / Mutlu, Müren / Kara, Kürsat
EFORT13-5539	End of life decision making in orthopaedics: One unit's 5-year experience	Brookes-Fazackerly, Steve / Newton-Ede, Matthew / Jain, Neil / Wilkes, Richard / Ring, Joseph
EFORT13-5613	Pain reduction assessment in 1'147 patients using combined sodium hyaluronate & sorbitol viscosupplementation	Heisel, J. / Kipshoven, Christoph
EFORT13-5751	Enhanced recovery for Total Knee Arthroplasty: Local anaesthetic infiltration vs sciatic nerve block	Singh, Shiv / Allen, Karla / Craig, James / Wainwright, Tom / Middleton, Robert / Lloyd, John / Vyskocil, Robert / Gardner, Edward

Sports / Knee soft-tissue

EFORT13-1147	The contemporary effect of partial meniscectomy on Health-related Quality of Life (HRQOL)	Nogler, Michael / Giesinger, Johannes / Lechner, Ricarda / Lenze, Florian / Thaler, Martin / Liebensteiner, Michael
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General Orthopaedics

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EFORT13-1366	A prospective randomized study to evaluate the safety and efficacy of a polyurethane meniscal substitute in a meniscectomized knee: Short-term follow-up	Reategui, Diego / Lozano, Luis / Ares, Oscar / Macule, Francisco / Rodríguez, Juan Miguel / Segur, Josep Maria / Popescu, Dragos
EFORT13-1594	Influence of the soccer players' professional status on the frequency and severity of injuries: A comparative pilot study	Benito del Pozo, Lorenzo / Ayán, Carlos / Fernández, Tania / Martin, Vicente / Revuelta, Gonzalo / Maestro, Antonio
EFORT13-1676	Does obesity negatively affect the functional results of arthroscopic partial meniscectomy? A retrospective cohort study	Bilsel, Kerem / Sungur, Mustafa / Dikmen, Göksel / Polat, Gökhan / Elmadag, Mehmet / Tuncay, Ibrahim / Asik, Mehmet / Tunçer, Nejat / Erdil, Mehmet
EFORT13-1710	Second-look arthroscopic evaluation of cartilage lesions in the patellofemoral joint after anatomical double bundle ACL reconstruction	Tsuchiya, Akihiro / Kanisawa, Izumi / Yamaura, Ichiro / Sakai, Hiroki / Nagamine, Tomonori / Takahashi, Kenji
EFORT13-1768	Subchondral bone restoration with synthetic bone substitute for osteochondral defect in synovial joint	Mae, Tatsuo / Matsuo, Tomohiko / Tanaka, Yoshinari / Amano, Hiroshi / Nakamura, Norimasa / Nakata, Ken / Kita, Keisuke
EFORT13-1803	Molecular biological study for meniscal lesion: Toward understanding the mechanism of the pain in patients with meniscal lesion	Suzuki, Miyako / Orita, Sumihisa / Kanisawa, Izumi / Takahashi, Kenji / Sakai, Hiroki / Nagamine, Tomonori / Miyagi, Masayuki / Isikawa, Tetsuhiro / Kamoda, Hiroto / Inoue, Gen / Sakuma, Yoshihiro / Oikawa, Yasuhiro / Takahashi, Kazuhisa / Otori, Seiji / Tsuchiya, Akihiro / Ogura, Takahiro
EFORT13-1976	Return to sports in arthroscopic reconstruction of anterior cruciate ligament: 1-6 years follow-up study of 100 patients	Popescu, Dragos / Sotorres, Guillermo / Mendez, Ana / Fernández-Valencia, Jenaro / Sastre, Sergi / Rodríguez Roiz, Juan
EFORT13-2040	Intra-articular giant cell tumor of patellar tendon sheath – Rare clinical case	Duarte, Filipe / Seara, Manuel / Coutinho, Matos / Oliveira, Paulo / Pinto, Rui / Silva, Manuel / Antunes, Artur
EFORT13-2042	Administration of growth factors following natural expression during tendon healing	Müller, Sebastian / Majewski, Martin
EFORT13-2087	ACL reconstruction with preservation of the posterolateral bundle for partial ACL tears	Sonnery Cottet, Bertrand / Colombet, Philippe / Potel, Jean François / Trojani, Christophe / Panisset, Jean-Claude / Cucurulo, Thomas / Hulet, Christophe / Graveleau, Nicolas / Servien, Elvire / Djian, Patrick / Pujol, Nicolas
EFORT13-2141	Rotational laxity and proprioception after partial ACL augmentation	Desmarchelier, Romain / Testa, Rodolphe / Chèze, Laurence / Fessy, Michel-Henri / Moyen, Bernard / Viste, Anthony
EFORT13-2394	Treatment of osteochondral lesion with recombinant elastin hydrogel and human MSCs in a xenograft model	Blanco, Juan / García-Briñón, Jesús / Martín Sánchez-Guijo, Fermín / Hernández, Cristina / Muntion, Sara / Pescador, David
EFORT13-2488	Clinical and radiological examination of the implant thickness after matrix-based autologous chondrocyte implantation of the knee (mb-ACT)	Pietschmann, Matthias / Müller, Peter / Niethammer, Thomas
EFORT13-2737	Traumatic patellar dislocation. Incidence and concomitant injuries found on sub-acute MRI	Frobell, Richard / Isacsson, Anders
EFORT13-2953	Orthopaedics and traumatologic sportive injuries : Scientific evidence on the use of growth factors	Fernández Fairen, Mariano / Hernández Vaquero, Daniel / Guerado Parra, Enrique / Torres, Ana
EFORT13-3014	Which information gain do we achieve with an MRI of a radiology unit without specialization in musculoskeletal diagnostics before knee arthroscopy?	Wild, Stefan / Gülecüy, Mehmet / Fickscherer, Andreas / Niethammer, Thomas / Pietschmann, Matthias / Müller, Peter / Rossbach, Björn

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EFORT13-3098	Is there a correlation between different fixation techniques and bone tunnel widening in anterior cruciate ligament reconstruction?	Efstathopoulos, Nikolaos / Kantzios, Andreas / Roumeliotis, Leonidas / Brilakis, Emmanuel / Andreakos, Anastasios / Korres, Demetrios / Apostolopoulos, Ioannis
EFORT13-3122	Posttraumatic cartilage defects of the knee treated with platelet-rich plasma: 1-year follow-up	Balaboshka, Kanstantsin / Dejkala, Valerij / Mastykau, Anton
EFORT13-3282	Acute bicruciate and PLC associated lesions : Mid-term results of a systematic treatment strategy	Tardy, Nicolas / Pujol, Nicolas / Wasserman, Vincent / Boisrenoult, Philippe / Beaufile, Philippe
EFORT13-3884	Medial meniscus root tear combined with straight medial instability. A report of 7 cases	Kim, Jin Goo / Ra, Ho Jong / Ha, Jeong Ku
EFORT13-3947	Low velocity anteromedial knee dislocation with an intact ACL reconstruction	Lidder, Surjit / Mestha, Prabhakar / Armitage, Andrew / Edwards, Huw
EFORT13-4133	The correlation between MRI and arthroscopy findings in soft tissue knee injuries at Hereford County Hospital	Grech, P. / Clark, D. / Paliobeis, C. / Bhavsar, D. / Maclean, S. / Knight, T. / McFarlane, John
EFORT13-4240	In Vitro stability testing of a non-fixed meniscal implant: The effect of surgical technique and knee condition	Bonner, Tarra / Greene, Alex / Linder-Ganz, Eran / Hershman, Elliott / Colbrunn, Robb / Elsner, Jonathan
EFORT13-4243	Anatomic and non-anatomic double-bundle ACL reconstruction. An In Vivo kinematic analysis of two different surgical approaches	Signorelli, Cecilia / Lopomo, Nicola / Bonanzinga, Tommaso / Marcacci, Maurizio / Zaffagnini, Stefano / Marcheggiani Muccioli, Giulio Maria
EFORT13-4265	A novel polycarbonate-urethane meniscus implant for the treatment of middle aged patients: First experience from 30 patients in Israel	Arbel, Ron / Agar, Gabriel / Israeli, Shmuel / Beer, Yiftah / Ben-Haim, Tzur / Shabshin, Nogah / Linder-Ganz, Eran / Nocco, Emanuele / Rozen, Nimrod / Blumberg, Nehemia / Elsner, Jonathan
EFORT13-4452	Arthroscopic partial meniscectomy in patients over 75 years of age	Ohnuma, Masahiro / Shirai, Yu
EFORT13-4493	Operative treatment of patellofemoral instability: Analysis of 64 cases	Kunde, Aiman / Shepard, Gordon / Spibey, James
EFORT13-4511	Can the healing potential of juvenile porcine cartilage following trauma be extended to the adult ?	Saklatvala, Jeremy / Asopa, Vipin
EFORT13-4629	Medial patello-femoral ligament influence on patello-femoral joint kinematics: An In Vitro analysis	Colle, Francesca / Sharma, Bahrat / Bignozzi, Simone / Lopomo, Nicola / Dejour, David / Marcheggiani Muccioli, Giulio Maria / Bonanzinga, Tommaso / Marcacci, Maurizio / Grassi, Alberto / Zaffagnini, Stefano
EFORT13-4783	Late presentation of an apophyseal injury of the anterior inferior iliac spine with associated sub-iliacus haematoma: A case report	Ibrahim, Mazin / Alazzawi, Sulaiman / Haddad, Fares / Khan, Muhammad
EFORT13-4886	Plantar fasciopathy treated with extracorporeal shockwave therapy without local anaesthetic block: A meta-analysis of prospective randomised control trials	Siddiqui, Muhammed / Solan, Matthew / Redfern, David / Gulati, Vivek / Cobb, Justin / Aqil, Adeel
EFORT13-5030	Effect of partial meniscectomy on the clinical results of anterior cruciate ligament reconstruction	Sahin, Vedat / Gürsu, Sarper / Yildirim, Timur / Issin, Ahmet / Sofu, Hakan
EFORT13-5110	Return to play following ACL injury in professional soccer players in the United Kingdom – A comparison of media prediction, public perception and actual findings	Saqib, Rukhtam / Tucker, Harry / Wilson, Scott / Murray, David / Jain, Neil
EFORT13-5124	Effect of pre-season screening for patella tendinopathy: The findings of a professional football club	Kemp, Steve / Hayward, Phil / Murray, David / Jain, Neil

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EFORT13-5133	Frequency of foot and ankle injuries in professional footballers following the introduction of Prehab that incorporates elements of the FIFA 11+	Kemp, Steve / Hayward, Phil / Murray, David / Jain, Neil
EFORT13-5315	An extra-articular procedure improves the clinical outcome in anterior cruciate ligament reconstruction with hamstrings in female athletes	De Carli, Angelo / Vadalà, Antonio / Lanzetti, Riccardo / Fabbri, Mattia / Ferretti, Andrea / Rossi, Cristina / Iorio, Raffaele / Bonifazi, Alberto / Alberti, Francesco / Lorio, Carlo
EFORT13-5328	Inverted fixation of the hamstring ACL plasty. A biomechanical study	Espejo Baena, Alejandro / Ezquerro Juanco, Francisco / Prado Nóvoa, María / Serrano Fernández, José / Martín Castilla, Belén / Espejo Reina, Alejandro
EFORT13-5366	Platelet-rich plasma: Does it help reduce tunnel widening after ACL reconstruction?	De Carli, Angelo / Vadalà, Antonio / Ciompi, Alessandro / Lanzetti, Riccardo / Fabbri, Mattia / Ferretti, Andrea / Iorio, Raffaele / Alberti, Francesco / Ferretti, Matteo / Lorio, Carlo
EFORT13-5441	Clinical comparative evaluation of arthroscopic assisted anterior cruciate ligament reconstruction by anatomic double bundle and single bundle hamstring grafts	Nag, Hira lal / Morey, Vivek / Digge, Vijaykumar
EFORT13-5446	Impact of surgical approach on the anatomy of anterior cruciate ligament reconstruction	Aboelmagd, Karim / Alazzawi, Sulaiman / Haddad, Fares / El-Husseiny, Moataz
EFORT13-5756	Sizing meniscus: Evaluation of direct anatomical method, indirect radiographic method and photographic method. Experimental study on 10 cadaveric knees	Marty, Francois / Favard, Luc / Rosset, Philippe / Berhouet, Julien
EFORT13-5892	Mode of administration of bupivacaine in knee arthroscopy with regard to post-operative pain relief: A randomised controlled trial	Alvand, Abtin / Holton, James / Jackson, William / Beard, David / Price, Andrew / Khan, Tanvir
EFORT13-5909	Successful return to high level sports following early surgical repair of complete sleeve avulsions of the adductor complex in combination with the rectus abdominis and pectineus: A rare injury	Jassim, Shivan / Liekens, Koen / Haddad, Fares / Benjamin-Laing, Harry
EFORT13-5943	Effect of hamstring muscle contraction on anterior laxity in anterior cruciate deficient knees In Vivo	Kumar, Ajeet / Boddu, Krishna
EFORT13-6001	The use of a mobile health platform to improve care after orthopedic procedures	Mehta, Vishal

Tribology

EFORT13-1433	Histomorphology of retrieved tissues from early revisions of highly crosslinked PE cups of THA	Rabenseifner, Lothar
EFORT13-2795	Does coronal plane malalignment in thin sequentially cross-linked tibial inserts degrade wear results?	Herrera, Lizeth / Sayeed, Siraj / Korduba, Laryssa / Essner, Aaron / Mont, Michael / Delanois, Ronald / Longaray, Jason
EFORT13-3949	Does laboratory testing corroborate clinical results? An evaluation of oxidized Zirconium and CoCr femoral components	Herrera, Lizeth / Essner, Aaron / Longaray, Jason / Kester, Mark / Bonutti, Peter
EFORT13-4174	The effect of alignment on polyethylene wear in unicompartment knee arthroplasty	Herrera, Lizeth / Blackwood, Clint / Korduba, Laryssa / Essner, Aaron / Loving, LaQuawn / Coon, Thomas
EFORT13-4448	The effect of tibial tray material on the wear performance of polyethylene	Herrera, Lizeth / Korduba, Laryssa / Essner, Aaron / Ngo, Chau / Loving, LaQuawn
EFORT13-5375	Revision of Metal-on-Metal articulations in Total Hip Arthroplasty - Clinical and radiological results	Knahr, Karl / Radakovits, Peter

Upper limb

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Hand and wrist		
EFORT13-1429	Comparative interphalangeal arthrodesis with acutrak® headless screw and K-wires: Efficacy and return to work evaluation	Silva, Cesar / Costa, Luis / Aido, Ricardo / Freitas, Daniel / Trigueiros, Miguel / Oliveira, Vânia
EFORT13-1612	Retrospective analysis of the short-term prognosis in trigger finger using sonographic A1 pulley thickness	Ishii, Yoshinori / Noguchi, Hideo / Takeda, Mitsuhiro / Sato, Junko
EFORT13-2017	Prevalence and distribution of sesamoid bones of the hand; a radiographic study in Turkish subjects	Guler, Ferhat / Turan, Adil / Canbora, Mehmet / Akalin, Serdar / Kose, Ozkan
EFORT13-2018	The prevalence of functional absence of flexor digitorum superficialis to the little finger: A study in Turkish population	Guler, Ferhat / Turan, Adil / Baz, Ali / Akalin, Sedar / Kose, Ozkan
EFORT13-2085	Multiple carpometacarpal fracture - dislocations with concomitant dislocation of the STT joint : A case report	Pekopoulos, Nikolaos / Gikas, Evaggelos / Avramidis, Grigorios / Giota, Angeliki
EFORT13-2334	Treatment of distal radioulnar joint disorders. Oue experience in the Sauvè-Kapandji procedure	Plasencia, Miguel Angel / Valmaña, José Maria / Martínez, María Angeles / Jimenez, Lydia / García, Marta / Vaquerizo, Victor
EFORT13-2392	Local anaesthetic and adrenaline for small upper limb procedures: A prospective case series of patient satisfaction	Barton, Simon / Wykes, Phil / Hodgson, Steve / Fischer, Ben / Spibey, James / Probert, Nick
EFORT13-2464	Percutaneous use of headless conic compression screw for the fixation of adult distal radius fractures	Sevencan, Adnan / Köse, Nusret / Inan, Ulukan / Göktürk, Erol / Turgut, Kemal
EFORT13-2710	Hand strength measurement is not useful in the diagnostic work-up of carpal fractures	Rhemrev, Steven / Beeres, Frank / Grootendorst, Diana / Drijkoningen, Tessa
EFORT13-3002	Are there any differences in various polyaxial locking systems?	Scheifl, Rebekka / Mehler, Dorothè / Hely, Hans / Rommens, Pol Maria / Mehling, Isabella
EFORT13-3010	Pyrocarbon interposition arthroplasty of the trapezometacarpal joint with the PyroDisc®: A retrospective study	Risto, Anton / Tägil, Magnus / Kopylov, Philippe / Abramo, Antonio
EFORT13-3056	Associated carpal bone fractures in distal radius fracture	Lim, Jae-Woo / Oh, Hyeong-Tak / Kim, Doo-Hyun / Heo, Youn-Moo / Kim, Sang-Bum
EFORT13-3247	Sarcoidosis of the wrist: A case report	Tuncer, Kutsi / Topal, Murat / Aydin, Ali
EFORT13-3390	Replantation and revascularization vs amputation	Neuhaus, Valentin / Becker, Stephanie / Ring, David / Mulders, Marjolein
EFORT13-3592	Importance of hand therapy and information technology in successful rehabilitation after flexor tendon repair in hands	Gillespie, Patrick / Ghani, Yaser
EFORT13-3640	Treating multiple Dupuytren's contractures with collagenase Clostridium histolyticum: Efficacy and safety of two concurrent injections	Coleman, Steven / Gilpin, David / Houston, Anthony / Kaufman, Gregory / Cohen, Brian / Jones, Nigel / Kaplan, F. Thomas
EFORT13-3649	Long-term follow-up after successful treatment of Dupuytren's contracture with collagenase Clostridium histolyticum: Patterns of recurrence 3 years later	Hentz, Vincent / Tursi, James / Kaufman, Gregory / Smith, Ted / Szczypa, Piotr / Gerber, Robert / Kaplan, F. Thomas
EFORT13-3682	A prospective randomised study of endoscopic vs limited-open technique in carpal tunnel syndrome	Corrales, Monica / Garcia-Bonet, Jordi / Pasarin, Alex / Bosch, Joan / Martínez-Catasús, Adriana



Upper limb

NR.	TITLE	AUTHORS
EFORT13-3765	Comparison of trapezectomy with tendon interposition and total joint replacement in patients with thumb carpometacarpal joint arthrosis	Wöhrlé, Heidrun / Schneider, Wolfgang / Chochole, Martin / Haller, Petra / Wilk, Matthias
EFORT13-3819	Variability in local pressures under digital tourniquets	McEachan, Jane / Anakwe, Raymond / Jenkins, Paul / Middleton, Scott
EFORT13-4001	The relationship of Dupuytren's disease with socioeconomic deprivation	McEachan, Jane / Watts, Adam / Jenkins, Paul / Middleton, Scott
EFORT13-4013	Long-term outcomes (more than 10 years follow-up) of the total arthroplasties in the treatment of trapezio-metacarpal osteoarthritis	Mayo, Agustin / Martín Ferrero, Miguel Ángel
EFORT13-4201	Long-term clinical results and MRI changes following tendon ball arthroplasty for advanced Kienböck's disease	Soccia, Ernesto / Sirignano, Cesare / Balato, Giovanni / Soldati, Alessandra / Mariconda, Massimo / Smeraglia, Francesco
EFORT13-4227	Fractures of the hook of hamate: Management of non-union by using the carpal tunnel approach. A case series of 7 consecutive patients	Tolat, Amit / Compson, Jonathan / McGovern, Paul
EFORT13-4353	Evaluation of radiologic and functional outcomes of perilunate fracture dislocation	Kara, Adnan / Celik, Haluk / Uzun, Metin / Sonmez, Mehmet / Ozturk, Irfan / Seker, Ali
EFORT13-4415	Functional outcome and re-operation rate after proximal interphalangeal joint arthroplasty comparing volar and dorsal surgical approaches: Case series	Khan, Muhammad / Chakrabarti, Indranil / Ibrahim, Mazin
EFORT13-4447	Long term results after volar plating of articular distal radius fractures	Ruckenstein, Paul / Kastner, Norbert / Glehr, Mathias / Sadoghi, Patrick / Bernhardt, Gerwin / Leithner, Andreas / Gruber, Gerald
EFORT13-4601	Nail bed reconstruction using a pediculate laminar flap after an en bloc resection of a glomus tumor	Lusà, Manel / Vidal Tarrasón, Nuria / Mir Bullo, Xavier / Lluch Bergada, Alejandro / Haddad, Sleiman / Esteban, Ignacio
EFORT13-4693	Clinical results after 4 corner arthodesis and complete carpus denervation, for the treatment of radiocarpal arthritis. A series of 19 patients.	Tolis, Kostas / Raptis, Konstantinos / Spyridonos, Sarantis / Antonopoulos, Dimitrios / Mavrogenis, Andreas / Marinakos, Panagiotis
EFORT13-4727	Use of collagen scaffold as an alternative to bone grafting in the treatment of scafoïd nonunion	Marina, Lucian / Cristescu, Ioan
EFORT13-4736	Diagnosis and anatomic reconstruction of recurrent dislocation of Extensor Carpis Ulnaris (ECU) in a professional athlete	Marinakos, Panagiotis / Spyridonos, Sarantis / Raptis, Konstantinos / Antonopoulos, Dimitrios / Souras, Nikolaos / Chatzis, Michail / Tolis, Kostas
EFORT13-4786	Diagnostic accuracy and usefulness of 3 Tesla MRI scan in assessment of scapholunate ligament injury and triangular fibrocartilage complex tears	Russell, Dougie / Bebbington, Andrew / Newington, David / Masud, Saqib
EFORT13-4867	Ten years experience with a pyrocarbon prosthesis replacing the proximal interphalangeal joint (PIP). A prospective clinical and radiographic follow-up	Gejjer, Mats / Kopylov, Philippe / Tägil, Magnus
EFORT13-4963	Evaluation of open palm technique in managing palmar skin defects following cord resection in Dupuytren's disease of the hand	Quolquela, Muhammad
EFORT13-5046	Upper extremity infection by Mycobacterium marinum in a tropical fish store worker	Gimeno, Dolores / Gutierrez-Argumosa, Gloria / López-Durán, Luis / Pérez-Ubeda, María José

Upper limb

NR.	TITLE	AUTHORS
EFORT13-5218	Partial fasciectomy for Dupuytren's contracture	Mavrogenis, Andreas / Tolis, Kostas / Raptis, Konstantinos / Chatzis, Michail / Spyridonos, Sarantis / Antonopoulos, Dimitrios
EFORT13-5253	Clinical outcome of excision arthroplasty for the management of Kienbock's disease: A case review.	Saha, Suman / Sorene, Elliot / Graf-Eltz, Stephanie / Boutong, Sara
EFORT13-5304	Predistracton of severe dupuytren contractures with a new joint protective fixator	Hoffmann, Frank / Baluch, Marius / Dombrovskij, Alexei / Gausepohl, Thomas
EFORT13-5373	Treatment of Dupuytren's contracture by means of injectable collagenase Clostridium histolyticum: 2 year results	Haller, Petra / Chochole, Martin / Wlk, Matthias
EFORT13-5454	Metacarpal reconstruction in gunshot wounds. Old and new tecnicques	Vintimilla, Jorge / Escudero, Juan
EFORT13-5604	Results of arthroscopic debridement of impinging dorsal synovitis for ulnar-sided wrist pain in the absence of triangular fibrocartilage - Complex tear	Bebbington, Andrew / Newington, David / Russell, Dougie / Masud, Saqib
EFORT13-5643	HbA1c in patients undergoing surgery for stenosing flexor tenosynovitis	Hayward, Annabel / Gibson, Suzy / Bradman, Hannah / Winter, Alison
EFORT13-5819	Relationship between the ligaments of the trapeziometacarpal joint, ligament laxity, and joint subluxation with the development of osteoarthritis: An anatomical study	Llusà, Manel / Morro, Rosa / Mustafa, Amer / Besalduch, Marina / Proubasta, Ignacio / Lamas, Claudia
Shoulder/elbow, arm/forearm		
EFORT13-1376	Single row versus double row arthroscopic repair in the treatment of rotator cuff tears: A prospective randomized clinical study	Aldea, Elisa / Martínez, Angel Antonio / Ripalda, Jorge / Herrera, Antonio / Carbonel, Ignacio
EFORT13-1517	Cuff fatty infiltration after proximal humeral fractures	Miquel, Joan / Corrales, Monica / Cassart, Elisa / Puig Verdié, Lluís / Torrens, Carlos / Solano, Albert / Santana, Fernando
EFORT13-1549	Mozaicplasty technique for treatment of reverse Hill-Sachs lesion	Senaran, Hakan / Acar, Mehmet / Aydin, Kerem / Ozbaydar, Mehmet / Altan, Egemen
EFORT13-1602	Complex first presentation of Mycobacterium tuberculosis following subacromial corticosteriod injection: A case report	Johnson-Lynn, Sarah / Cloke, Dave / Candal-Couto, Jaime / Harrison, William
EFORT13-1622	One-stage exchange in periprosthetic shoulder infection: A retrospective study of 35 cases	Neumann, J. / Gehrke, Thorsten / Kendoff, Daniel / Rueger, J. / Klatte, Till
EFORT13-1684	Is the type of surgical intervention important in the outcome of complex distal humerus fractures?	Bilsel, Kerem / Sayar, Safak / Erdil, Mehmet / Tuncay, Ibrahim / Acar, Mehmet / Tunçer, Nejat / Elmadag, Mehmet
EFORT13-1709	Are we giving our patients the cold shoulder? An audit of perioperative temperature management in patients undergoing arthroscopic shoulder surgery at the Nuffield Orthopaedic Centre, Oxford	Hamilton, Thomas / Benham, Stuart / Chantler, Jonathan / Rees, Jonathan / Garner, Amy
EFORT13-1712	Biomechanical evaluation of a new technique of coracoclavicular fixation for the treatment of acromioclavicular dislocations	Toro, Felipe / Fingerhuth, Maximilian / Vaisman, Alex
EFORT13-1723	Pulmonary embolism following isolated upper limb injury : A rare complication	Burke, Neil / Harrington, Paul / Raval, Pradyumna

Upper limb

NR.	TITLE	AUTHORS
EFORT13-1724	A less invasive treatment for lateral epicondylitis using radiofrequency coblation	Jeavons, Richard / Bayliss, Neil / Chambers, Simon
EFORT13-1727	Extremity muscle weakness and sensorimotor system acuity as risk factors of throwing shoulder injury	Tasaki, Atsushi / Kuroda, Eishi / Yamakawa, Akira
EFORT13-1868	Ultrasound for the detection of full thickness rotator cuff tears: the learning curve for an orthopaedic surgeon.	Ibrahim, Edward / Petrou, Charalambos / Iossifidis, Anestis
EFORT13-1881	Preferences of operative management fractures of the clavicle at young athletes	Kuksov, Vitaly F.
EFORT13-1888	Open arthrolysis by posttraumatic elbow-stiff: Difference between intraoperative mobility and long-term outcome	Papke, Yvonne / Marquass, Bastian / Josten, Christoph / Aydogan, Emrah
EFORT13-1927	Minimally invasive tension band wiring for the treatment of olecranon fractures	Otsuka, Takanobu / Fukuta, Makoto / Takada, Naoya / Kato, Kenji
EFORT13-1992	The treatment of complex proximal humeral fractures with hemiarthroplasty in elderly patients: Functional and radiological outcomes	Polat, Atilla / Köse, Özkan / Konukoglu, Levent / Görgeç, Mücahit / Canbora, Kerem
EFORT13-2183	Partial anterior interosseous nerve palsy: isolated neuropraxia of the branch to flexor pollicis longus after a closed radius fracture.	Dimri, Ravinder
EFORT13-2201	Arthroscopy or ultrasound in undergraduate anatomy education: A randomized cross-over controlled trial	Gradl, Gertraud / Pape, Hans-Christoph / Carow, Bennet / Rüsseler, Miriam / Hoffmann, Felix / Beckers, Stefan / Ghassemi, Alireza / Sönmez, Tolga / Pufe, Thomas / Knobe, Matthias
EFORT13-2257	Prospective study about Radial Shock Waves Therapy (RSWT) for lateral epicondylitis, apropos of 15 elbows	Laronde, Pascale / Wavreille, Guillaume / Fontaine, Christian
EFORT13-2305	Our experience in the elbow stiffness treatment using arthrodiastasis with an external fixator	Vaquero, Víctor / Plasencia, Miguel Angel / Pareja, José Antonio / Valmaña, José María / Martínez, María Angeles / Jimenez, Lydia / Garcia, Marta
EFORT13-2324	The short-term effect of acromioclavicular mobilization on shoulder rom in subacromial impingement syndrome	Isintas Arik, Meltem / Can, Filiz / Erdem, Emin Ulas
EFORT13-2413	Medium-term results of unlinked elbow arthroplasty for stiff elbows with rheumatoid arthritis	Namba, Jiro / Tsuboi, Hideki / Hirao, Makoto / Hashimoto, Jun / Yonenobu, Kazuo / Akita, Shosuke
EFORT13-2445	Copeland shoulder resurfacing arthroplasty: Mid-term results from an independent centre	Modi, Chetan / Drew, Stephen / Turner, Stephen / Hwang, Nicholas
EFORT13-2469	Results of surgical decompression of exertional compartment syndrome of the forearm in professional motorcycling racers	Vidal Tarrascón, Nuria / Lluch, Alex / Haddad, Sleiman;Llusà, Manel / Mir Bullo, Xavier / Font, Jordi / Barrera, Sergi
EFORT13-2476	The radiographic evaluation of a 2-pegged polyethylene glenoid component in shoulder replacement: Midterm-results of a multicentre study	Greiner, Stefan / Irlenbusch, Ulrich / Berth, Alexander
EFORT13-2511	Arthroscopic treatment results in stiff elbow	Tunali, Onur / Gülenç, Baris / Demirhan, Mehmet / Atalar, Ata / Salduz, Ahmet
EFORT13-2525	A multi-station shoulder joint wear simulator	Joyce, Tom / Li, Lisa / Johnson, Garth / Smith, Simon
EFORT13-2527	Scapulothoracic arthrodesis for treatment of winging scapula caused by facioscapulothoracic dystrophy	Tunali, Onur / Gülenç, Baris / Uysal, Özgür / Demirhan, Mehmet / Atalar, Ata / Salduz, Ahmet

Upper limb

NR.	TITLE	AUTHORS
EFORT13-2699	The interrelationship between upper extremity skeletal muscle mass estimated by bio-electrical impedance analysis and muscle strength	Hawkes, David / Frostick, Simon / Alizadehkhayat, Omid
EFORT13-2713	Outcome of Copeland Shoulder Resurfacing Arthroplasty	Kyriakos, Alexandros / Singer, Mohamed / Frostick, Simon / Alizadehkhayat, Omid
EFORT13-2765	Our experience in complex triad elbow	Castillo Palacios, Andrés / Castán Bellido, Lidia / Corella Abenia, Eduardo / Gómez Vallejo, Jesús / Albareda Albareda, Jorge / Blanco Rubio, Nieves
EFORT13-2770	Clinical and radiological outcomes of the arthroscopic treatment of distal clavicle fracture with a minimum follow-up of 2 years	Moreau, Pierre-Emmanuel / Massin, Philippe / Boyer, Patrick / Vu Hoang, Duc / Dallaudière, Benjamin / Loriaut, Philippe
EFORT13-2792	Treatment of distal humerus fractures by locking plates LCP DHP in the elderly	Bonnomet, Francois / Adam, Philippe / Ehlinger, Matthieu / Ducrot, Guillaume
EFORT13-2793	MRI rotatorcuff pathology in swedish junior elite tennis players	Adolfsson, Anders / Jenner, Goran / Johansson, Fredrik / De Bri, Edin
EFORT13-2802	Diagnosis of elbow fracture patterns on radiographs: Inter-observer reliability	Guitton, Thierry / Ring, David / Doornberg, Job
EFORT13-2826	The comparison of whether arthroscopic treatment of partial and total thickness rotator cuff tears as successful as subacromial impingement syndrome	Basar, Betül / Inanmaz, Mustafa / Köroglu, Hasan / Köse, Kamil / Basar, Hakan
EFORT13-2828	'Easy Double Row' repair of isolated supraspinatus ruptures. A new surgical technique with clinical results and ultrasound follow-up of 78 cases	Collin, Philippe / Lädermann, Alexandre
EFORT13-2840	Focused Aspiration of Scar Tissue (FAST) for recalcitrant lateral elbow tendonopathy	Mohan, Chandra / Howe, Tet Sen / Lee, Brian / Chia, Shi-Lu / Yang, Zixian / Morrey, Bernard / Koh, Joyce
EFORT13-2843	Longterm results post arthroscopic treatment for recalcitrant lateral epicondylitis	Shih, Juitien
EFORT13-2906	Semi-quantitative assessment for inflammation of long head of the biceps in intertubercular groove using ultrasound	Imaizumi, Hikaru / Takahashi, Norimasa / Tokai, Morihito / Tanaka, Motoki / Kawai, Nobuaki / Sugaya, Hiroyuki / Yamaguchi, Momoko
EFORT13-2924	Improvement in quality of life after arthroscopic capsular release for frozen shoulder	Ramasamy, Vijayaraj / Thompson, Simon / Patel, Vipul / Dattani, Rupen
EFORT13-2940	Employment of Synthetic Patch with Augmentation of the long head of the biceps tendon in massive lesions of the rotator cuff: our technique applied to 60 patients	Vitali, Matteo
EFORT13-2958	Internal fixation with DiPhos H plate for the treatment of the proximal humeral fractures: early clinical experience	Cavaciocchi, Michele / Guerra, Enrico / Bettelli, Graziano / Marinelli, Alessandro / Fontana, Maurizio / Rotini, Roberto / Dalla Pria, Paolo
EFORT13-3145	Proximal humeral locking plates: A retrospective study of functional outcome using the Oxford Shoulder Score	Marsland, Daniel / Senior, Colin / Mumith, Aadil
EFORT13-3161	Long-term outcomes synovectomy and debridement of rheumatoid elbow	Makarov, Sergey / Amirjanova, Vera / Asin, Boris / Logunov, Andrey / Roskidaylo, Anastasiya
EFORT13-3201	Reverse shoulder arthroplasty: The Singapore General Hospital experience and a simple method of measuring change in the center of rotation	Lai, Kah-Weng / Lie, Denny / Chang, Paul / Ang, Chay You

Upper limb

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EFORT13-3239	Effects of the conservative therapy applied before arthroscopic subacromial decompression on the clinical outcome in patients with stage 2 shoulder impingement syndrome	Tuncer, Kutsi / Köse, Mehmet / Senocak, Eyüp / Yıldız, Vahit / Topal, Murat / Aydin, Ali
EFORT13-3270	Comparison of open Bankart repair versus modified Bristow operation for the treatment of traumatic recurrent anterior dislocation and capsular laxity of shoulder	Usta, Mustafa / Topal, Murat / Karsan, Orhan / Uymur, Erdem / Tuncer, Kutsi / Aydin, Ali
EFORT13-3371	Agreement between two strength devices used in the newly modified Constant score	Ban, Ilija / Kristensen, Morten
EFORT13-3399	Venous thromboembolic complications in shoulder & elbowsurgery	Smith, Christopher / Patel, Vipul / Dattani, Rupen
EFORT13-3476	The readability of upper limb outcome scores	Barnes, Matthew / Flynn, Jennifer
EFORT13-3512	Complications following internal fixation of proximal humerus fractures using a Philos Proximal Humeral Locking Plate	Casaletto, John / Kaye, Jeremy / Holland, Philip
EFORT13-3528	Saved or repairable trochlea as criteria for salvage of the elbow joint in patients with nonunions of the distal humerus	Rashkov, Mihail / Baltov, Asen / Markov, Marcho / Enchev, Dian
EFORT13-3690	The results of treatment of the isolated greater tubercle fractures of humerus	Coskun, Tamer / Erdem, Sevki / Demirtas, Abdullah / Canbora, Mehmet / Polat, Atilla / Bombaci, Hasan / Yanik, Hakan
EFORT13-3693	Locked anterior glenohumeral dislocation and the treatment of a large Hill-Sachs lesion. A case report.	Palomo, Carlos / Martín Mata, María José / Luque, Victor / Pérez, José Ignacio / Fernández, David / Martín, Elena
EFORT13-3702	The effect of ESWT on pain level and grip strength in patients with lateral epicondylitis: 3-month follow-up	Isintas Arik, Meltem / Can, Filiz / Erdem, Emin Ulas
EFORT13-3743	Strength of Hill-Sachs allograft reconstruction: A biomechanical comparison of two screw fixation techniques	Giles, Joshua / Athwal, George / Johnson, James / Degan, Ryan / Puskas, Gabor
EFORT13-3753	Aseptic loosening rate of the humeral stem in the Coonrad-Morrey total elbow arthroplasty. Does size matter?	Morrey, Bernard / Sánchez Sotelo, Joaquin / Puskas, Gabor
EFORT13-3797	The influence of rotator cuff pathology on functional outcome in total shoulder replacement	McCann, Philip / Sarangi, Partha / Tasker, Andrew / Ahearn, Nathanael
EFORT13-3814	Fixation of the major tubercle in proximal humeral fractures- Fiber-Wire or cerclage wire?	Mohr, Juliane / Bücking, Benjamin / Hauk, Carsten / Franz, Daniel / Zettl, Ralph / Ruchholtz, Steffen / Bockmann, Benjamin
EFORT13-3848	Arthroscopic reduction and fixation with percutaneous cannulated screw for Ideberg type III glenoid fractures: Report of three cases	Sola, Alejandro / Aso, Alberto / Herrera, Antonio / Garrido, Isaías
EFORT13-3932	Non-unions of the humeral head. A surgical protocol	Solemou Soler, Xavier / Huguet Boqueras, Jordi / Yuguero, Mariano / Torner Pifarré, Pere / Valls-Mellado, Marc
EFORT13-3959	Is there a correlation between glenohumeral iatrogenic stiffness and sternoclavicular joint instability?	Verderosa, Vincenzo / Marcialis, Valentina / Pisanu, Francesco / Santandrea, Alessandro
EFORT13-3976	Modular radial head arthroplasty in comminuted radial head fractures	Avila, Arturo / Navarro, Evelio / Fekete, Andras / Blanco, Eduardo / Rodríguez-Chacón, Luis

Upper limb

NR.	TITLE	AUTHORS
EFORT13-4017	Comparative study of hemiarthroplasty and internal fixation for three part proximal humeral fractures in elderly patients	Papadopoulos, Anestis / Eftychiakos, Nikolaos / Saloupis, Panagiotis / Paraskevopoulos, Georgios / Gkikas, Georgios / Tsakonas, Nikolaos / Koukos, Anastasios / Grigoriadis, George
EFORT13-4134	Measurement of exact glenoid bone defect in anterior shoulder instability patients	Ozbaydar, Mehmet / Tonbul, Murat / Senaran, Hakan / Aydin, Kerem / Acar, Mehmet / Altan, Egemen
EFORT13-4158	Arthroscopic facia lata patch graft procedure for irreparable massive rotator cuff tear with modified Mason-Allen technique	Sato, Katsumi / Himori, Ko / Tanaka, Minoru
EFORT13-4207	Dynamic loosening evaluation of prosthetic glenoids	La Barbara, John / Sander, Jeffery / Scholl, Laura / Schmidig, Gregg / Thakore, Mayur
EFORT13-4223	Clinical results after early surgical repair of the medial collateral ligament or the lateral collateral ligament or combined repair in posttraumatic elbow instability	Dehlinger, Friedrich / Hollinger, Boris / Franke, Stephanie
EFORT13-4408	Five-year experience with the reverse shoulder replacement Lima SMR	Sosna, Antonin / Fulin, Petr / Jahoda, David / Pokorný, David
EFORT13-4531	Diagnostic value of clinical tests for subscapularis tendon tears	Däxle, Manuel / Cakir, Balkan / Reichel, Heiko / Kappe, Thomas
EFORT13-4555	Improving the consent process for shoulder replacement using internet based videos	Thyagarajan, David / Sechrest, Randal / Wallace, Angus / Rushton, Paul
EFORT13-4567	Early outcomes of scapular dyskinesis and scapular positioning in patients undergoing rotator cuff repair	Citaker, Seyit / Kafa, Nihan / Kanatli, Ulunay / Bölükbaşı, Selçuk / Çelik, Bülent / Basar, Selda
EFORT13-4604	Free vascularized fibular autograft as a treatment for large forearm bone defects	Lluch Bergada, Alex / Vidal Tarrascón, Nuria / Llusà, Manel / Mir Bullo, Xavier / Amat Mateu, Carles / Hernández Martínez, Alejandro / Haddad, Sleiman / Esteban, Ignacio
EFORT13-4611	Results in capitellum fractures treated by open reduction and internal fixation	Castillo Palacios, Andrés / Torres Campos, Antonio / Castán Bellido, Lidia / Albareda Albareda, Jorge / Blanco Rubio, Nieves
EFORT13-4667	Intermediate to long term survival of the Delta III and Delta Xtend reverse shoulder arthroplasty: 3-12 year results	Hexel, Michael / Wurnig, Christian / Pokorny-Olsen, Alexandra
EFORT13-4751	Shoulder MR arthrography: How often is it really justified?	Velkes, Steven / Glaser, Ernesto / Levy, Jacob / Shemesh, Shai / Kosashvili, Yona / Yaari, Lee / Sidon, Eliezer
EFORT13-4792	Results of O-K Morrey debridement arthroplasty for osteoarthritis of the elbow	Boesch, Michael / Boesch, Martina / Tolat, Amit / Mohanlal, Paraskumar
EFORT13-4826	Controversial treatment of proximal humerus fractures in older adults	Blanco, Nieves / Rodriguez, Luis / Lambán, Noemi / López Baisson, Alfonso / Castán Bellido, Lidia
EFORT13-4951	Anatomy of the humeral insertion of the supraspinatus: A possible explanation of the degenerative changes	Hoffmeyer, Pierre / Gagey, Olivier / Abrassart, Sophie
EFORT13-4974	Tension band wiring for medial & lateral columns in internal fixation of low supra-condylar distal humeral fractures in adults	Quolquela, Muhammad
EFORT13-5007	Arthroscopic reduction-stabilization of greater tuberosity fractures: A case series	Ballas, Efsthathios / Moschonas, Spiridon / Stavropoulos, Nikolaos / Tsikouris, Dimitrios / Tsikouris, George / Karamanis, Eirinaios
EFORT13-5057	The role of the arthroscopic suprascapular nerve release in elite overhead athletes with shoulder pathology	Moschonas, Spiridon / Tsikouris, Dimitrios / Plessas, Spiridon / Tsikouris, George / Karamanis, Eirinaios

Upper limb

NR.	TITLE	AUTHORS
EFORT13-5095	The effect of subscapularis tenotomy on internal rotation strength after open capsulorrhaphy for recurrent anterior shoulder dislocation	De Carli, Angelo / Vadalà, Antonio / Fabbri, Mattia / Ciompi, Alessandro / Lanzetti, Riccardo / Ferretti, Andrea / Iorio, Carlo
EFORT13-5171	Trauma or tumor: Giant Cell Tumor (GCT) of distal biceps tendon, an unusual cause of elbow pain: A case report	Matthews, Timmothy / Fawi, Hassan
EFORT13-5237	The TightRope™ system in Rockwood III acromioclavicular joint luxation: A radiographic follow up	Dienstknecht, Thomas / Pishnamaz, Miguel / Kobbe, Philipp / Pape, Hans-Christoph / Weber, Christian / Horst, Klemens
EFORT13-5336	Mechanical distraction for the treatment of posttraumatic stiffness of the elbow in 100 adult patients: Long- term follow-up in a unique prospective cohort	Pennig, Dietmar / Mader, Konrad
EFORT13-5382	Platelet Rich Plasma (PRP) for the treatment of lateral elbow epicondylitis: Prospective analysis of 40 cases	Unyó Sallent, Carme / Abad Marsal, Ester / Soler Romagosa, Francesc / Sales Ortega, Josep / Casanova Canals, Xavier
EFORT13-5497	Early results of primary elbow hemiarthroplasty for distal humerus fractures in elderly patients	Srinivasan, Suresh / Banerjee, Samik / Patel, Vipul / Little, Nick / Ramasamy, Vijayaraj
EFORT13-5531	Is the Minimally Invasive Plate Osteosynthesis (MIPO) by anterior approach the optimal choice in distal humeral shaft fractures ?	Petreus, Tudor / Asaftei, Razvan / Puha, Bogdan Florin / Berea, Grigore / Botez, Paul / Sirbu, Paul Dan
EFORT13-5635	Post operative analgesia and patients satisfaction following shoulder surgery: A review of current practice	Donaldson, O. / Goel, V. / Pritchard, M. / Hoddinott, C. / Narendra, Rath
EFORT13-5638	Analgesic provision for patients undergoing day case arthroscopic shoulder surgery in a district general hospital	Cheng, Kenneth / Wallace, David / Bailey, Oliver / Winter, Alison / Hayward, Annabel
EFORT13-5642	Shoulder hemi-resurfacing arthroplasty: Outcome study of 55 consecutive patients	Kailash, Kailash / Mahalingam, Senthilkumar / Haines, John / Raza, Ali
EFORT13-5811	The incidence and fate of ulnar nerve injury, in elbow dislocations and fracture dislocations. Does this parameter compromise the overall results?	Alexandris, Athanasios / Korpakakis, John / Triantis, Petros / Andritsos, George / Ntinopoulos, Charalampos
EFORT13-5831	Long-term results of radial head excision in isolated radial head fracture – 10 years of follow-up	Miranda, António / Neto, Artur / Leal, Fernando / Resende, Vera / Frada, Ricardo
EFORT13-5881	Fixation of the medial epicondyle fracture – Positioning the patient	Hunter, James / Ubayasiri, Nicola
EFORT13-5915	Locking intramedullary nails and locking plates in the treatment of 3- and 4- part proximal humeral fractures: A randomized trial	Ciais, Grégoire / Thomazeau, Hervé / Mylle, Guy / Massin, Philippe / Hutten, Denis / Boyer, Patrick
EFORT13-5954	A new Global Ratings Scale for assessing performance on a Virtual Reality shoulder arthroscopy simulator	Cobb, Justin / Gupte, Chim / Bayona, Sofia / Bello, Fernando / Emery, Roger / Akhtar, Kash
EFORT13-5967	Fixation of distal clavical fractures: A comparison of hook versus locking plate fixation	Babatolu, Hadiza / Hartley, Richard / Bailey, Lucy
EFORT13-6005	Total elbow arthroplasty in comminuted distal humeral fractures in elderly osteoporotic patients	Chatterjee, Buddhadeb

Spine

NR.	TITLE	AUTHORS
Spine (incl. trauma)		
EFORT13-1144	Unusual complication of lumbar spine surgery: Pneumoencephalus	Herrera Pérez, Mario / Cortés García, Pedro / Deniz Rodríguez, Bernabé / Andarcia Bañuelos, César
EFORT13-1159	Which cement amount is necessary for a stable height restoration with the new radiofrequency kyphoplasty in vertebral compression fractures?	Delank, Karl / Röllinghoff, Marc
EFORT13-1182	Influence of number of reoperations and reoperation cause on the post-revision patient results	Eysel, Peer / Röder, Christoph / Aghayev, Emin / Sobottke, Rolf
EFORT13-1189	Suspected spondylodiscitis and the value of 18F- FDG PET/CT imaging in the diagnostic work up	Seifen, Tanja / Rettenbacher, Lukas / Holzmannhofer, Joerg / McCoy, Marc / Pirich, Christian / Thaler, Christoph
EFORT13-1204	C-1 laminoplasty for cervical myelopathy associated with chronic atlanto-axial subluxation	Murakami, Koji / Baba, Shoji / Ikuta, Ko
EFORT13-1238	Enbloc Resection of Primary Osteosarcoma of the Cervical Spine: a case report	Zacherl, Max / Friesenbichler, Jörg / Sadoghi, Patrick / Schröttner, Heribert / Leithner, Andreas / Weger, Christian
EFORT13-1382	Risk factors for heterotopic ossification in patients with spinal cord injury: A case-control study of 264 patients	Bertling, Maren / Meindl, Renate / Schildhauer, Thomas / Suero, Eduardo / Citak, Mustafa / Godry, Holger
EFORT13-1404	Effect of the position of a dynamic interspinous implant on the biomechanics	Lehner, Stefan
EFORT13-1456	Is Pffirman classification predictive of results after lumbar disc herniation surgery?	Marull Serra, Lluís / Muñoz Gómez, Juan José / Froufe Siota, Miguel Angel / Masvidal Sanz, Didac
EFORT13-1505	Efficacy of preservation of the semispinalis cervicis attaching to the C2 spinous process and the C2-3 complex in cervical laminoplasty	Ikuta, Ko / Baba, Shoji / Murakami, Koji
EFORT13-1704	A comparison of patient satisfaction following administration of spinal injections by a Consultant Orthopaedic Spinal Surgeon and Advanced Spinal Practitioners. Is there a significant difference in patient experience and outcome?	Mustaq, Jad / Muralikuttan, K. P. / Khan, Yasmeen / Jones, Alice
EFORT13-1850	Percutaneous pedicle screw fixation for stabilisation of neuromuscular scoliosis: A feasibility study	Kruyt, Moyo / van Gaalen, Steven / Kersten, Roel / Öner, F.
EFORT13-1890	Cauda equina syndrome. Results of early treatment	Marull Serra, Lluís / Vañó, Anna
EFORT13-1922	Case series on gait analysis in patients with lumbar back and radicular pain before and after spinal surgery	Lam, Khai Sing / Shortland, Adam / Yeoh, Clarence
EFORT13-1961	Outcomes after instrumented posterolateral spine surgery complicated by deep wound infection. Analysis of variables and fusion rates	Ortega, José Antonio / Rodríguez-Solera, José Miguel / Cerván, Ana María / Guerado Parra, Enrique / Andrés, Pablo
EFORT13-1968	Expression of vitamin D receptor (VDR) responsive genes in paravertebral muscles of juvenile and adolescent idiopathic scoliosis	Szota, Justyna / Mazurek, Urszula / Bozek, Marek / Nowak, Roman / Wrotniak, Maciej
EFORT13-1990	Systematic review of the global spine surgery database landscape	Ihara, Zenichi / Vertuani, Simona / Gannedahl, Mia / Miltenburger, Carolin
EFORT13-2170	Cost-effectiveness of Balloon Kyphoplasty versus conservative treatment in patients with symptomatic vertebral compression fractures	Nikolopoulos, Dimitrios / Tsilikas, Stauros / Margariti, Rodanthi / Safos, George / Papagiannopoulos, George / Sergides, Neoptolemos



Winner of the Jacques Duparc Award

Spine

NR.	TITLE	AUTHORS
EFORT13-2222	Outcome of two-level cervical corpectomy and fusion using meshed cages and plates in elderly patients	Kozyrev, Stanislav / Kozyrev, Oleksandr / Barysh, Oleksandr / Korzh, Mykola
EFORT13-2278	En bloc open door laminoplasty for lumbar spinal canal tumors: Analysis of 7cases	Ikenoue, Sumio / Takase, Kan / Hashimoto, Eiko / Mimura, Masaya / Shimbo, Jun / Enomoto, Takahiro / Sameda, Hiroaki
EFORT13-2325	Surgery for the L _{2/3} lateral lumbar disc herniation with L2 radiculopathy	Nishimura, Yukimasa
EFORT13-2362	Spinal cord concussion: A study of twenty-four patients	Kryl, Jan / Vyskocil, Tomáš / Nesnidal, Petr / Stulik, Jan / Barna, Michal
EFORT13-2582	Misdiagnosed C6/C7 dislocation with minimal neurologic deficit	Lesic, Aleksandar / Bumbasirevic, Marko / Zagorac, Slavisa
EFORT13-2622	The effects of minimally invasive transforaminal lumbar interbody fusion based on Cloward concept to the back muscle	Murata, Hideaki / Muramatsu, Koichi / Tanaka, Kenichiro / Watanabe, Hiroki / Kato, Makoto / Kondo, Mikihiro / Hachiya, Yudo
EFORT13-2651	Prospective, multi-center observational study of radiofrequency kyphoplasty, a novel vertebral augmentation system	Bayer-Helms, H. / Böwe, C. / Hartwig, E. / Höhn, W. / Jerosch, J. / Jöllenbeck, B. / Maestretti, G. / Vogler, W. / Röllinghoff, Marc / Kurth, Andreas
EFORT13-2661	Treatment of malignant spine lesions using a targeted radiofrequency ablation and subsequent controlled radiofrequency kyphoplasty – A novel device	Georgy, Bassem / Coldwell, Douglas / Brook, Allan / Jennings, Jack / Proschek, Dirk / Kafchitsas, Konstantinos / Kurth, Andreas
EFORT13-2707	0-arm 3D navigation in difficult cases in spine surgery	Corchado, Carolina / Martin, José / Pescador, Daniel / MiRamóntes, Pablo / Ollero, Lourdes / Blanco, Juan / Borrego, David / Borobio, German / De Cabo, Alfonso / Cano, Carlos / Rendon, Diego / Pescador, David
EFORT13-2733	A study of the RIB-vertebra angle in patients with idiopathic scoliosis undergoing surgical correction with segmental pedicle screw systems	Soultanis, Konstantinos / Stavropoulos, Nikolaos / Papagelopoulos, Panagiotis / Grivas, Theodoros / Starantzis, Konstantinos
EFORT13-2767	Catheter infection as a risk factor of spondylodiscitis in patients on maintenance hemodialysis	Rodríguez-Solera, José Miguel / Ortega, José Antonio / Guerado Parra, Enrique / Cerván, Ana María
EFORT13-2873	Multidisciplinary rehabilitation in chronic lumbar pain : Long-term effect on work status	Norberg, Iohn / Norberg, Michael
EFORT13-2897	Surgical outcome of anterior reconstruction surgery with VATS for thoracolumbar burst fractures	Takeuchi, Kazuhiro / Nakahara, Shinnosuke / Satou, Toru / Shiota, Naofumi / Yoshida, Masahiro / Yamada, Kazuki
EFORT13-2911	Morbidity of scoliosis in Kazakhstan	Anashev, Talgat
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EFORT13-2986	Accuracy of pedicle screw insertion: A prospective study by using cannulated and not cannulated transpedicular screws	Gamez Moreno, Davinia / Delgado, Jorge Alexander / Fuentes Salguero, Luis / Ruiz Arranz, José Luis
EFORT13-2999	Do we know our nerve roots?	Mahadevan, Devendra / Eastley, Nicholas / Braybrooke, Jason / Bryson, David
EFORT13-3030	The efficacy of prophylactic vertebroplasty for adjacent vertebral body after percutaneous vertebroplasty of osteoporotic compression fracture	Heo, Youn-Moo / Lim, Jae-Woo / Oh, Hyeong-Tak / Kim, Doo-Hyun / Kim, Sang-Bum

Spine

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EFORT13-3094	Recapping T-saw laminoplasty for intradural extramedullary spinal cord tumor	Ikuta, Ko / Murakami, Koji / Baba, Shoji
EFORT13-3169	Cost-effective analysis of anterior cervical fusion with a porous tantalum implant	Fernández Fairen, Mariano / Hernández Vaquero, Daniel / Murcia, Antonio / Menzie, Ann / Torres, Ana
EFORT13-3187	The effect of high heel on spinal sagittal alignment	Kim, Sang-Bum / Lim, Jae-Woo / Hong, Chang-Hwa
EFORT13-3290	Low back pain amongst the Greek general population. An analysis according to physical and sociodemographic characteristics	Koutsogiannis, Constantinos / Fousekis, Konstantinos / Gioftsos, George / Gliatis, John / Lampropoulou, Sofia / Oldham, Jacqueline / Tsepis, Elias / Billis, Evdokia
EFORT13-3308	Low back pain amongst the general population in Greece: Quality of life, disability and psychosocial profile	Fousekis, Konstantinos / Koutsogiannis, Constantinos / Moutzouri, Maria / Matzaroglou, Charalampos / Papandreou, Maria / McCarthy, Christopher / Tsepis, Elias / Billis, Evdokia
EFORT13-3332	Bracing for spinal deformity in children affected by osteogenesis imperfecta	Fraschini, Paolo / Teli, Marco
EFORT13-3362	Long result in sagittal plane evolution in thoracolumbar spine fractures without neurologic deficit treated through arthrodesis and posterior instrumentation alone	Miranda, M. T. / Lorente, A. / Montero, I. / Rojas, C. / Fernández, M. A. / Muñoz-Ledesma, J. L. / Bernáldez, María José / Lorente, Rafael
EFORT13-3529	The outcome from epidural injection as a predictor for success from surgical intervention in the treatment of lumbar spine stenosis	Santhapuri, Sunil / Anjarwalla, Naffis / Chan, Oliver
EFORT13-3530	Long term results in patients suffering from adolescence idiopathic scoliosis treated with a partially wearing modified Boston brace	Potoupnis, Michael / Pellios, Stavros / Papavasiliou, Kyriakos / Kapetanou, Artemis / Kenanidis, Eustathios / Kapetanios, Georgios
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EFORT13-3717	Outcome of anterior decompression and stabilization with cage & bone graft in caries spine: An experience of 850 cases at Ghurki Hospital	Aziz, Amer
EFORT13-3871	Variability in selective nerve root block technique for lumbosacral radiculopathy	Newey, Martyn / Spiteri, Veronique / Eastley, Nicholas
EFORT13-3877	Our results in surgical treatment of adolescent idiopathic scoliosis	Aydin, Serkan / Tüzüner, Mert / Özerdemoglu, Remzi / Aslan, Ahmet
EFORT13-3894	Does the chronicity of leg pain affect the outcome from selective nerve root blocks?	James, Stuart / Brooks, Francis
EFORT13-3908	Infection of a spondylolytic vertebra in a child	Rodríguez Montserrat, David / Ubierna Garcés, María Teresa / Iborra, Miquel / Cavanilles, José María / Bernal Vargas, Juan
EFORT13-3917	Pelvic incidence and lumbar spine instability correlations in patients with chronic low back pain	Golbakhsh, Mohammadreza / Attar, Majid / Hassanmirzaei, Bahar
EFORT13-3967	A previously undescribed failure of the VEPTR device	Sian, Parmjit / Gardner, Adrian / Spilsbury, Jonathan / Marks, David / Smith, Gemma
EFORT13-4003	Primary solitary amyloidoma of the sacrum	Benneker, Lorin / Keel, Marius / Banz, Yara / Klenke, Frank / Wirtz, Christian

Spine

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EFORT13-4004	Percutaneous Balloon Kyphoplasty for treatment of osteoporotic vertebral fractures. Our experience	Eftychiakos, Nikolaos / Saloupis, Panagiotis / Chatzipetrou, Thomas / Papadopoulos, Anestis / Christakis, Nikolaos / Koukos, Anastasios / Grigoriadis, George
EFORT13-4393	Quantitive measurement of rats myofascial low back pain using CatWalk gait analysis system	Ohtori, Seiji / Miyagi, Masayuki / Ishikawa, Tetsuhiro / Kamoda, Hiroto / Eguchi, Yawara / Suzuki, Miyako / Sakuma, Yoshihiro / Oikawa, Yasuhiro / Takaso, Masashi / Takahashi, Kazuhisa / Inoue, Gen
EFORT13-4443	Vertebroplasty – high viscosity cement versus low viscosity cement	Biuk, Egon / Zelic, Zoran / Jovanovic, Savo / Spigel, Djusika / Zulj, Boris / Rapan, Saša
EFORT13-4464	An unhappy triad of spine: Association of scoliosis, astrocytoma and syringomyelia in a 12 years old girl	Erdem, Mehmet / Sever, Cem / Malkoc, Melih / Tezer, Mehmet / Cift, Hakan
EFORT13-4479	Is yoga an effective treatment in the management of patients with chronic low back pain compared with other care modalities?	Marks, Avi / Hill, Christopher
EFORT13-4561	Investigation of radiation exposure to the patients during MIS- PLIF	Aihara, Takato / Ouchi, Juntarou / Hatakeyama, Kenji
EFORT13-4614	Topographical relationship aorta – Dorsal spine	Brotat Rodríguez, María / Noriega González, David César / Plata García, María / García Flórez, Luis / Toribio Calvo, Borja / García Medrano, Belén
EFORT13-4744	Radiation exposure in scoliosis surgery – Is it a concern?	Crawford, John / McArthur, Nicholas
EFORT13-4997	Study of sagittal balance during growth	Jouve, Jean-Luc / Bollini, Gérard / Peltier, Emilie
EFORT13-5012	Copenhagen syndrome: A radiological and functional review	Gibson, Alexander / Iliadis, Alexios / Mansouri, Reza
EFORT13-5096	Activ C cervical disc replacement for myelopathy	Cadman, Susan / Chitgopkar, Shashank / Canavan, Lisa / O'Malley, Michael / Shackelford, Ian / McGonagle, Lorcan
EFORT13-5122	A study on low back pain in young athletes and their examination findings	Aihara, Takato / Ouchi, Juntarou / Urushibara, Makoto / Hatakeyama, Kenji
EFORT13-5163	Risk factors for L5/S1 intervertebral disc height narrowing after lumbar intertransverse floating fusion surgery	Ohtori, Seiji / Kamoda, Hiroto / Ishikawa, Tetsuhiro / Miyagi, Masayuki / Suzuki, Miyako / Sakuma, Yoshihiro / Oikawa, Yasuhiro / Takaso, Masashi / Takahashi, Kazuhisa / Inoue, Gen
EFORT13-5181	Kümmell's disease : Avascular osteonecrosis of vertebral body leading to a delayed vertebral compression fracture and pseudarthrosis	Kafchitsas, Konstantinos / Habermann, Bjoern / Panagiotopoulos, Elias / Samoladas, Efthimios / Georgiou, Christos / Matzaroglou, Charalampos
EFORT13-5259	Bilateral laminotomy through unilateral approach for the treatment of degenerative lumbar spinal stenosis – A prospective study	Varanda, Pedro / Cibrão-Coutinho, Paulo / Silva, Luis / Rodrigues, Luis / da Silva, Manuel / Frada, Tiago
EFORT13-5505	Rare case of sacral intraosseous lipohaemangioma: A case report	Lakshmanan, Palaniappan / Raza, Ali / Islam, Mueedul
EFORT13-5527	Degenerative spondylolisthesis: A 5- to 10-year follow-up of prospective cohort study of 79 patients treated by minimally invasive posterior lumbar interbody fusion using hollow modular anchorage screws and pedicle screw fixation	Shepperd, J. / Fawzy, E. / Müller, M. / Lyle, Shirley

Spine

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EFORT13-5672	Enterococcus faecalis as a cause of spondylodiscitis	Plata García, María / Cortés Villar, Jesús Manuel / García Flórez, Luis / Brotat Rodríguez, María / García Medrano, Belén / Díaz Díaz, Juan / Martínez Ibeas, Marina
EFORT13-5718	Predictability of the curve in idiopathic scoliosis: Progression related to genes?	Pernstich, Sabrina / Krepler, Petra / Grohs, Josef
EFORT13-5798	How safe is minimally invasive spine surgery for the surgeon? A prospective In Vivo radiation exposure study	Aichmair, Alexander / Zeldin, Roseann / Schneider, Robert / Holodny, Ed / Lebl, Darren / Hughes, Alexander / Sama, Andrew / Fantini, Gary / Nguyen, Joseph / Cammisa, Frank / Girardi, Federico / Taher, Fadi
EFORT13-5870	Multilevel Anterior Cervical Vertebrectomy with instrumentation: Results from a single centre	Dabasias, Hitesh / Harvey, Jason / Marsland, Daniel / Glaysier, James / Jennings, Cara / Ramakrishna, Sushmith
EFORT13-5895	Osteoradionecrosis of the upper cervical spine mimicking metastasis and a new technique of upper cervical spine biopsy: A case report	Lakshmanan, Palaniappan / Raza, Ali
EFORT13-5961	Clinical outcome of Balloon Kyphoplasty in the treatment of vertebral fractures	Fagan, Daniel / Raza, Ali
EFORT13-5994	Neck pain and stroke: Should it be ignored? Beware of neck pain in suspected stroke! Cervical epidural abscess mimicking as stroke. Report of two cases	Gakhar, Harinder / Bommireddy, Rajendranadh / Sigamoney, Kohila

Lower limb

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EFORT13-1083	Effect of platelet-rich plasma on a novel surgical treatment for cartilage reconstruction in the ankle joint: A prospective randomized study	Süzer, Ferzan / Thermann, Hajo
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EFORT13-1143	Clinical results in tibiotalar arthrodesis: A comparative study of historical cohort	Herrera Pérez, Mario / Andarcia Bañuelos, Cesar
EFORT13-1162	A modified one-stage technique for the treatment of brachymetatarsia	Yeoman, Thomas / Roberts, Sam / Pillai, Anand / Brown, Michael
EFORT13-1244	peroneal palsy as a complication of developmental hip dysplasia surgery	Topal, Murat / Köse, Mehmet / Ipteç, Murat / Aydın, Ali
EFORT13-1268	Biomechanical properties of bioresorbable F-u-HA/PLLA screws in a medial malleolar fracture model – Comparison with wire fixation	Otsuka, Takanobu / Fukuta, Makoto / Takada, Naoya
EFORT13-1295	Pre and postoperative analysis of force reactions of the foot in hallux valgus surgery	Budica, Cristian / Petcu, Daniel / Panait, Gheorghe / Cristea, Stefan / Groseanu, Florin

Lower limb

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EFORT13-1541	A Multi-segment model study to evaluate the sagittal plane blockade in patients with Functional Hallux Limitus (FHL): Results after endoscopic tenolysis of the Flexor Hallucis Longus at the retrotalar pulley.	Diehl, Stefan / Boulos, Kareem / Aminian, Kamiar / Rouhani, Hossein / Vallotton, Jaques / Tzioupis, Chris
EFORT13-1593	Five year results with a new bioreplaceable implant for MTP joints (RegJoint)	Hassel, Kathryn / Mai, Burkhard / Mai, Sabine
EFORT13-1748	CR-EQUIPEMENTS™ SACH Foot versus Otto BOCK™ SACH Foot - A prospective double blind study assessing patient's satisfaction	Carmona, Gorki / Sagawa, Yoshi / Lenoir, Jean / Armand, Stephane / Turcot, Katia / Lacraz, Alain
EFORT13-1856	The importance of angle of fracture and the effects of results of the fixation methods in the treatment of isolated fractures of medial malleols	Polat, Atilla / Canbora, Mehmet / Demiroz, Serdar / Erdem,Sevki / Yanik, Hakan
EFORT13-1904	Subtalar arthrodesis with interposition of allograft bone for arthritic rigid pes plano-valgus	Castaman, Enrico / Borici, Neritan
EFORT13-1980	Side to side tenorrhaphy. Biomechanical evaluation for common suture configurations	Ortiz, Cristian / Wagner, Pablo / Guzman, Rodrigo / Mococain, Pablo / Ahumada, Ximena / Olid, Arturo / Arellano, Sergio / Wagner, Emilio
EFORT13-2091	A comparison of platelet-rich plasma and steroid injection in the treatment of plantar fasciitis	Gürler, Deniz / Inkaya, Erkan / Bülbül, Murat / Say, Ferhat
EFORT13-2277	Biofilm formation on percutaneous Kirschner wires - Influence of material properties on recurrence rates after correction of foot deformities	Gersbach, Silke / Graf, Susanne / Ilchmann, Thomas / Hintermann, Beat / Knupp, Markus / Clauss, Martin
EFORT13-2599	Brachymetatarsia – lengthening with mini external fixator and percutaneous osteotomy: Case report	Marinheiro, Júlio / Ferreira, Nuno / Martins, Rui / Martins, Sandra
EFORT13-2832	Arthroscopic triple fusion performed via a lateral two portal technique. A cadaveric study to evaluate safety and efficacy	Amirfeyz, Rouin / McKenzie, Jamie / Gosling, Oliver / Winson, Ian / Hughes, Adrian
EFORT13-2869	Comparison between preoperative magnetic resonance imaging and arthroscopic findings in osteochondral lesion of the talus	Tsuchiya, Akihiro / Kanisawa, Izumi / Takahashi, Kenji / Akada, Takanori
EFORT13-3068	The practice of unnecessary X-rays in elective practice - hindfoot and ankle arthrodesis	Allen, Patricia / Ghosh, Arijit
EFORT13-3088	Minimally invasive Achilles tendon repair (a novel technique)	Özsoy, Mehmet / Özsoy, Arzu / Yücel, Mehmet / Dinçel, Veysel / Aydoğan, Nevres / Cengiz, Bertan / Aksekili, Mehmet Atif Erol
EFORT13-3125	The use of Iliac crest vs DBX grafting in foot and ankle patients	Molloy, Andrew / Selvan, David
EFORT13-3192	Miniinvasive percutaneous Achilles suture gives very low complication rate in a big study group	Burnev, Martin / Raykov, Dimitar
EFORT13-3224	Macrodystrophia lipomatosa: A rare bilateral case diagnosed in adulthood	Livingstone, Julian / Ray, Pinak / Gillott, Elizabeth
EFORT13-3232	Lateral instability of the ankle and posterior ankle impingement syndrome: A report of 9 patients	Aikawa, Jun / Iwase, Dai / Minatani, Atsushi / Naruse, Koji / Urabe, Ken / Uchida, Kentaro / Kenmoku, Tomonori / Inoue, Gen / Watanabe, Eichiro / Takaso, Masashi / Sekiguchi, Hiroyuki / Takano, Shotaro / Yoshihira, Tetsuo / Higashiyama, Reiji
EFORT13-3304	Distal tibiofibular diastasis treatment with ANK nailing; clinical outcomes at ten years	Tuzuner, Tolga / Kara, Ayhan / Gurbuz, Hakan / Kahraman, Sinan / Ceylan, Hasan

Lower limb

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EFORT13-3310	Bone Marrow-Derived Cells transplantation in orthopedic diseases: what's clinically real?	Buda, Roberto / Donati, Davide Maria / Cavallo, Marco / Parma, Alessandro / Vannini, Francesca / Frisoni, Tommaso / Cevolani, Luca / Giannini, Sandro / Ruffilli, Alberto
EFORT13-3446	Incidence of steroid-associated osteonecrosis of the talus: A prospective MRI study	Nakamura, Junichi / Kishida, Shunji / Takahashi, Kazuhisa / Shigemura, Tomonori
EFORT13-3554	The use of prophylactic antibiotics in forefoot surgery	Guduri, Venugopal / Dennehy, Tracey / Trevett, Mike / Gandhi, Maulik
EFORT13-3635	Biomechanical study comparing unreamed and reamed intramedullary nailing in distal tibia fractures – Are there advantages by angular stable interlocking?	Hoffmann, Stefanie / Bühren, Volker / Augat, Peter / Högel, Florian
EFORT13-3673	Suture fixation of Akin osteotomy: Results of a prospective study of 125 patients	Malik, Ahmad / Nattfogel, Emma / Mann, Bhupinder / Charalambides, Charalambos / Saad, Ali
EFORT13-3712	Prospective computed-tomography analysis of osteochondral defects following ankle fracture	Beerekamp, Suzan / Maas, Mario / Luitse, Jan / Van Dijk, Niek / Goslings, J. Carel / Nosewicz, Tomasz
EFORT13-3840	Multidisciplinary approach to diabetic foot ulcers: A 10 year audit trail	Paisey, Richard / Davis, James / Fine, Nicola
EFORT13-3904	Thromboprophylaxis in patients with lower limb casts; implications of NICE guidelines	Roland, Walker / Nzeako, Obi
EFORT13-3933	The early functional outcome of Mau osteotomy for the correction of moderate-severe Hallux Valgus	Tillu, Abhay / Ahmed, Usman / Malik, Shahbaz / Thangarajah, Tanujan
EFORT13-4045	How to manage complex pilon fractures with posterior or anterior fragment; a two-choice strategy	Touloupakis, Georgios / Sodano, Luca / Attala, Dario / Gurzi, Michele Dario / Di Giorgio, Luigi / Theodorakis, Emmanouil
EFORT13-4066	First metatarsophalangeal joint (MTPJ) replacement using a ceramic implant: A long term clinical outcome study	Walker, Christopher / Sirikonda, Siva / Nagy, Mathias
EFORT13-4075	Endoscopic procedure of partial release and synovectomy for plantar fasciitis	Ishii, Yoshinori / Takeda, Mitsuhiro / Sato, Junko / Noguchi, Hideo
EFORT13-4084	Simultaneous two lesions in ankle: Pigmented villonodular synovitis and subperiosteal osteoid osteoma in talar neck – A case report	Armagan, Raffi / Sezer, Hasan Basri / Eren, Tugrul / Seker, Ali
EFORT13-4280	Intraoperative imaging in Hallux Valgus surgery	Molloy, Andrew / Holland, Philip
EFORT13-4367	Correlation of quality of life (SF-36) with "classic" parameters (AOFAS and X-ray) after hallux valgus surgery	Sánchez, Juan / Guirro Castellnou, Pau / Piñol Jurado, Ignasi / Rigol, Pau / Puig, Lluís / Zabala, Santiago / Gines-Cespedosa, Alberto
EFORT13-4463	Treatment of neglected Achilles tendon ruptures with gastrocnemius flaps: Long-term follow up results	Armagan, Raffi / Kara, Adnan / Oc, Yunus / Varol, Ali / Ozturk, Irfan / Sezer, Hasan Basri / Seker, Ali
EFORT13-4556	Haemostasis with TachoSil during surgery of chronic leg and foot ulcers in patients under anticoagulant therapy	Gruber, Gerald / Glehr, Mathias / Mischinger, Hans-Jörg / Bernhardt, Gerwin
EFORT13-4578	Functional evaluation of three different surgical solutions for ankle arthrosis: Arthrodesis, total ankle replacement and osteochondral allograft transplantation. Five years follow up	Berti, Lisa / Mancini, Lara / Leardini, Alberto / Giannini, Sandro / Cenni, Francesco / Belvedere, Claudio / Lullini, Giada
EFORT13-4852	A study into the quality of internet resources for Hallux Valgus	Ghosh, Arijit

Lower limb

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EFORT13-4936	Calcaneus varus as a complication of tibiototalcalcaneal nailing arthrodesis in early destructive diabetic neuropathy	Morro, Rosa / Haddad, Sleiman / Guerra, Ernesto / Maled, Iñaki / Busquets, Rosa / Cáceres Palou, Enric / Barastegui, David
EFORT13-4965	First metatarsophalangeal arthrodesis with a new intramedullary system: Early results	Morell Luque, Juan Manuel / López Pérez, Vicente / Castillo García, Félix / Escudero González, Óscar / Martínez Andrade, Cristóbal / Castro Álvarez, M. Concepción
EFORT13-5006	Talar body fractures – pantalar involvement / subluxation / dislocation: Modification of Müller AO / OTA classification	Clewer, Glenn / Dayanandam, Bharani / Kumar, Rakesh Kumar / Williams, Lisa / Karras, Kyriakos / Prasad, Kodali
EFORT13-5098	Peroneal nerve palsy treatment by tendon transposition	Radlovic, Vladimir / Rakic, Ivan / Jaramaz Ducic, Tatjana / Radlovic, Jelena / Bukva, Bojan / Abramovic, Dusan / Vidosavljevic, Marko / Brdar, Radivoj / Ducic, Sinisa
EFORT13-5365	Incidence of wound complications/infection in foot and ankle surgery – A prospective study	Mackie, Alasdair / Kazi, Zeeshan / Shah, Kalpesh
EFORT13-5379	Peroneal impingement syndrome by enchondroma	García Medrano, Belén / León Andriño, Alejandro / Martín Ferrero, Miguel Ángel / Brotat Rodríguez, María
EFORT13-5425	Intermittent pneumatic compression therapy reduces the risk for deep vein thrombosis after lower limb surgery	Latifi, Ali / Labruto, Fausto / Bring, Daniel / Nilsson, Gunnar / Ackermann, Paul / Arverud, Erica
EFORT13-5456	Doppler ultrasonography of the Achilles tendon post exercise: An observational study	Carne, Andrew / Solan, Matthew / Patel, Nimesh
EFORT13-5486	Surgical management of haemophilia-associated ankle arthropathy – open and arthroscopic ankle arthrodesis outcomes	Rose, Barry / Taylor, James / Jones, Ioan / Back, Diane / Wong, Fabian / Fahy, Aodhnaid
EFORT13-5537	The occurrence of venous thromboembolism following the application of below knee plasters	Garrett, Simon / Ward, Peter / Asp, Rebecka
EFORT13-5540	Critical evaluation of outcome scales to assess the results of lateral ankle ligament repair	Buerer, Y. / Chopra, Swati / Winkler, M. / Crevoisier, Xavier / Burn, Alexandre
EFORT13-5639	Tourniquet use in ankle arthroscopy: Time for a re-think	Cullen, Nick / Singh, Dishan / Goldberg, Andy / Sharma, Aadhar / Hasan, Kamrul
EFORT13-5655	Intraoperative reduction of distal tibiofibular joint : Are we doing enough ?	Lee, Noel / Karski, Mike / Alva, Avinash
EFORT13-5735	1st metatarsophalangeal arthrodesis – comparing different methods of joint surface preparation	Allen, Patricia / Ghosh, Arijit
EFORT13-5760	Tarso-metatarsal joint injections for osteoarthritis: Results of a minimum 5 year follow-up	Pasapula, Chandra / Cro, Suzie / Singh, Dishan / Hasan, Kamrul
EFORT13-5766	The use of extracorporeal shock wave therapy for refractory plantar fasciitis	Patel, Amit / Thomason, Katharine / Chapman, Colin / Johnson, Benjamin / Marquis, Christopher / Ribee, Helen
EFORT13-5813	Revision surgery after cheilectomy of the big toe MTPJ	Kazi, Zeeshan / Mackie, Alasdair / Shah, Kalpesh

Hip

EFORT13-1031	The use of tantalum in hip prosthesis: Our experience	Evola, Roberto / Costarella, Luciano / Pavone, Vito / Pietropaolo, Alessandro / Sessa, Andrea / Sessa, Giuseppe / Papotto, Giacomo
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Lower limb

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EFORT13-1073	The impact of proximal femoral morphology on failure strength with the Birmingham mid-head resection	Waddell, James / Morison, Zachary / Kuzyk, Paul / Sellan, Michael / Olsen, Michael / Schemitsch, Emil
EFORT13-1074	Total Hip Arthroplasty following failure of core decompression and tantalum rod insertion for femoral head avascular necrosis	Waddell, James / Wolek, Ryan / Lewis, Peter / McKee, Michael / Olsen, Michael / Schemitsch, Emil
EFORT13-1169	Does the modified Harris Hip Score reflect patient satisfaction after hip arthroscopy?	Jayasekera, Narlaka / Villar, Richard / Aprato, Alessandro
EFORT13-1178	Cementless bipolar hemiarthroplasty using a rectangular crosssection stem for Type A2 or above intertrochanteric fractures	Cho, Hong Man / Sim, Ju Hyun
EFORT13-1195	Tranexamic acid for reduction of blood loss during Total Hip Arthroplasty	Dohmae, Yoichiro / Ito, Tomoyuki / Suzuki, Hayato / Suda, Ken / Miyasaka, Dai / Endo, Naoto / Imai, Norio
EFORT13-1200	Clinical and radiological study of three models of uncemented cup in primary Total Hip Arthroplasty	López-Durán, Luis / Moro, Enrique / Manrique, Elena / Cardoso, Zulema
EFORT13-1229	The natural history of asymptomatic osteonecrosis of the femoral head	Kwon, Daekyu / Kang, Joon-Soon
EFORT13-1289	Predicting long-term outcome in cemented Total Hip Arthroplasty: Determining prognosis by early radiological findings	Otsuka, Hiromi / Morishima, Takkan / Sato, Keiji / Hirose, Shiro
EFORT13-1292	Minimum 20-year follow-up of Harris-Galante porous type 1 total hip arthroplasty to treat osteoarthritis due to hip dysplasia	Lee, Tae-Hyun / Tsukeoka, Tadashi / Suzuki, Masahiko / Tsuneizumi, Yoshikazu
EFORT13-1299	The dislocating hip replacement – Revision with a dual mobility cup	Kappel, Andreas / Hansen, Flemming / Sondergaard, Jorgen / Krarup, Niels / Jakobsen, Thomas
EFORT13-1331	Mechanical proximal stem failure in non-cemented modular hip revision prostheses – Fact or fiction?	Efe, Turgay / Roessler, Philip / Schmitt, Jan
EFORT13-1352	Sciatic nerve palsy secondary to a Metal-on-Metal pseudotumour: A case report and review of current literature	Welck, Matthew / Hart, Alister / Cannon, Stephen / Skinner, John / Aston, William / Bhamra, Jagmeet
EFORT13-1374	Is there an argument for routine blood transfusion following cephalo-medullary nailing of extra capsular femoral neck fractures?	Remani, Mohan / Patel, Shelain / Fazal, M Ali / Bagley, Caroline
EFORT13-1386	The use of sound analysis to guide femoral reaming in uncemented Total Hip Arthroplasty: A new concept	Elsibaei, Anas / Jackson, Bob / Rice, John / Riordan, Dan / Abdulkarim, Ali
EFORT13-1416	Frequency and evaluation of acetabular cartilage and labral damage associated with displaced femoral neck fracture	Katano, Hiroshi / Inoue, Ryo / Akaishi, Koichi
EFORT13-1428	Migration measurement of a new anatomical adapted hip prostheses, Merotan.a 3 to 24 month	Rabenseifner, Lothar
EFORT13-1434	Our experience with constrained acetabular components for the unstable hip following Total Hip Arthroplasty	Ros, Ernest / Serra, Ramón / Cami, Joan / Vives, Ramón / Bonjorn, Marta / Figueras, Guillem
EFORT13-1458	Jumbo cup causes hip Center elevation in revision THA	Nwankwo, Chima / Ries, Michael / Heffernan, Christopher / Dong, Nick

Lower limb

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EFORT13-1476	Accuracy of cup positioning in hip resurfacing among high-volume hip surgeons	Reito, Aleksii / Puolakka, Timo / Pajamäki, Jorma / Eskelinen, Antti / Jamsa, Pyry
EFORT13-1495	Highly cross-linked polyethylene in Total Hip Arthroplasty for osteonecrosis of the femoral head	Min, Byung-Woo / Hyub, Sakong / Kwon, Yongwook / Lee, Kyungjae
EFORT13-1512	Favorable results of primary Total Hip Arthroplasty with acetabular impaction bone grafting for large segmental bone defects of dysplastic hips	Matsushita, Naoya / Morita, Daigo / Iwase, Toshiki
EFORT13-1516	Long-term results of non-cross-linked polyethylene liner in Total Hip Arthroplasty	Mishima, Hajime / Sugaya, Hisashi / Wada, Hiroshi / Yoshizawa, Tomohiro / Kawamura, Haruo / Sakane, Masataka / Nishino, Tomofumi
EFORT13-1525	Three dimensional analysis of acetabular coverage using a plain antero-posterior radiograph	Hanada, Mitsuru / Suzuki, Daisuke / Matsuyama, Yukihiro / Hoshino, Hironobu / Togawa, Daisuke / Koyama, Hiroshi
EFORT13-1573	Reactions of bone tissue around the Zweymuller stem – Mid-term results	Markuszewski, Jacek / Wierusz-Kozłowska, Malgorzata / Lapaj, Lukasz / Kokoszka, Pawel
EFORT13-1589	Small size trabecular metal cups used in hip replacements in hip dysplasia	López Marco, José / Herrera, Antonio / Mateo, Jesús / Ripalda, Jorge / Badiola, Jara / Panisello, Juan
EFORT13-1599	Medialization of hip rotation center after total arthroplasty in patients with dysplasia of the hip joint	Markuszewski, Jacek / Wierusz-Kozłowska, Malgorzata / Lapaj, Lukasz / Kokoszka, Pawel
EFORT13-1609	Arthroscopic treatment of osteoid osteoma with femoroacetabular impingement : A case report	Uchida, Soshi / Furuko, Tsuyoshi / Mochizuki, Yoshihito / Omori, Go / Ariumi, Akihiro
EFORT13-1697	Decreasing incidence of hip replacements for rheumatoid arthritis	Honkanen, Pirjo / Eskelinen, Antti / Huhtala, Heini / Remes, Ville / Skyttä, Eerik
EFORT13-1707	Cementless femoral reconstruction in revision Total Hip Arthroplasty: A comparison between modular and interlocking stems	Fujii, Hideki / Kawaguchi, Yasuhiko / Ueno, Yutaka / Kato, Tsutomu / Hayama, Tetsuo / Udaka, Jun / Inagaki, Naoya / Sugiyama, Hajime / Marumo, Keishi / Otani, Takuya
EFORT13-1718	A three-year clinical experience with treatment of unstable fractures of the proximal femur using minimally invasive surgical technique	Kastelov, Roumen / Yordanov, Tsvetoslav / Bonchev, Byser
EFORT13-1729	Use of an abductor brace does not prevent recurrent dislocation after primary THA	Richard, Jean-Cristophe / Lübbecke, Anne / Hoffmeyer, Pierre / Peter, Robin / Miozzari, Hermes
EFORT13-1751	Debunking myths about fast track total hip replacement, keep it simple stupid: Analysis of 366 consecutive cases	Olsson, Marianne / Maansson, Lukas
EFORT13-1754	Comparison of cement mantle techniques on the cement-bone interface in THA with triple tapered polished stem: Cement mantle technique vs line-to-line technique	Iida, Satoshi / Minato, Izumi / Tanabe, Yuji / Funayama, Naoki / Kai, Shin / Ohashi, Hirotsugu
EFORT13-1774	Risk factors for cardiovascular complications following hip surgery	Rhee, Shin-Jae / Lee, H. / Cho, H. / Lee, J. / Suh, Kuentak
EFORT13-1777	Differences between the two methods measuring version of the acetabular component from plain radiographs	Lee, J. / Seong, Y. / Shin, W. / Suh, Kuentak
EFORT13-1785	Usefulness of hip arthroscopy in hip Sequelae of Legg-Calve-Perthes	Kim, Pil-Sung / Jeon, Yoo-Sun / Hwang, Deuk-Soo
EFORT13-1786	Periprosthetic mass after Total Hip Replacement	Kim, Pil-Sung / Jeon, Yoo-Sun / Hwang, Deuk-Soo

Lower limb

NR.	TITLE	AUTHORS
EFORT13-1793	A study to compare the reliability of two templating methods for Total Hip Arthroplasty	Paniker, Jayanth / Thonse, Raghuram / Blucher, Nicola
EFORT13-1813	On-table leg length assessment for Total Hip Arthroplasty: How accurate are we?	Sahnan, Kapil / Dixon, John / Mendes da Costa, Thomas / Mitra, Aavek
EFORT13-1838	The ecoguided infiltrations with ialuronic acid in the treatment of hip arthritis	D'Arienzo, Antonio / D'Arienzo, Michele / Sanfilippo, Antonino
EFORT13-1884	Herniation pit at anterior superior femoral head neck junction is correlated with arthroscopic finding	Ariumi, Akihiro / Uchida, Soshi / Mochizuki, Yoshihito
EFORT13-1892	Metaphyseal short stem in total hip arthroplasty	Illobre, José / Salgado, Oscar / Gordo, Christian / Morales De Cano, Jaime
EFORT13-1912	Preliminary results of the use of conservative GTSs–Biomet stem in hip replacement	López, Carolina / Canosas, Jordi / Gordo, Christian / Morales De Cano, Jaime
EFORT13-1913	Vascular injury prevention in hip revision using the arteriography in acetabular defects Praposky type III	De la Torre, Miguel / Illobre, José / Morales De Cano, Jaime
EFORT13-1974	First experiences in bicon cup in early revisions	Zappa, Marco Antonio / Bonacina, Paolo
EFORT13-2020	Revision surgery after total joint arthroplasty: A complication–based analysis of European Arthroplasty Registers	Liebensteiner, Michael / Agreiter, Mark / Leithner, Andreas / Böhler, Nikolaus / Labek, Gerold / Sadoghi, Patrick
EFORT13-2059	What causes the decreased dislocation rate of larger femoral heads in total hip arthroplasty? Range of motion, jump distance or stability due to atmospheric pressure? An experimental study	KaBebaum, Eric / Rauch, Hannes / Richter, Klaus / Farag, Mohamed / von Salis-Soglio, Georg / Prietzel, Torsten
EFORT13-2109	How to treat the complex unstable intertrochanteric fractures in elderly patients: DHS or Arthroplasty?	Ghayem Hassankhani, Ebrahim
EFORT13-2116	Mid-term results of a short stemmed prosthesis: The collum femoris preserving Total Hip Replacement	Hutt, Jonathan / Gill, Ian / Harb, Ziad / Kashif, Fadhil / Miller, John / Dodd, Matthew
EFORT13-2123	Clinical review of the results in revision of the acetabular component after THR - A 7-years follow-up study	Opris, Remus / Voicu, Bogdan / Bataga, Simona / Vilcelean, Marius / Denes, Marton / Gulian, Andrei / Solyom, Arpad / Ivanescu, Adrian / Tiberiu, Bataga
EFORT13-2146	Fracture of a chromium-cobalt femoral head after revision total hip arthroplasty due to fracture of a ceramic femoral head	Alpoim, Bruno / Rodrigues, Maria / Sá, Pedro / Oliveira, Carolina / Rodrigues, Francisco / Marques, Pedro
EFORT13-2154	Total Hip Replacement in sickle cell disease	Awogbade, Moji / Kavarthapu, Venu / Li, P. L. / Somasundaram, Karthik
EFORT13-2187	Long term remodeling of an anatomic stem. A ten year follow-up densitometry study	Aguilar, Andrés / Mateo, Jesús / Ripalda, Jorge / Herrera, Antonio / López-Marco, José / Panisello, Juan
EFORT13-2242	95% Survivorship at 2 to 4 years in severe acetabular bone defects with impacted bone allografts and trabecular metal cups	Ali, Julian / Comba, Fernando / Zanotti, Gerardo / Piccaluga, Francisco / Buttarò, Martin
EFORT13-2250	Precision of implant placement in two different approaches for THA. Anterolateral supine vs mini-posterior approach	Yamamura, Mitsuyoshi / Akiyama, Keisuke / Owaki, Hajime / Fuji, Takeshi / Nakata, Katsuya
EFORT13-2261	Hip arthroplasty after failed nailing of proximal femoral fractures	Kirjasuo, Karri / Koivisto, Mari / Virolainen, Petri / Junnila, Mika / Seppänen, Matti / Äärimaa, Ville / Isotalo, Kari / Mäkelä, Keijo / Mokka, Jari



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Lower limb

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EFORT13-2263	Has body composition any effect on THA-scheduled patients' assessment of their own hip problems? - A preoperative cross-sectional study	Laurson, Jens / Mechlenburg, Inger / Søballe, Kjeld / Lijensøe, Anette
EFORT13-2319	The influence of the range of porous surface in tapered wedge stem on the initial fixation	Maeno, Sumihiko / Nakamura, Takuya
EFORT13-2433	Effect of highly cross-linked and conventional polyethylene in total hip arthroplasty for dysplastic hip patients; minimum 7 year prospective randomized multicenter comparison	Matsubara, Masaaki / Iwaki, Hiroyoshi / Ohashi, Hirotsugu / Mashima, Naohiko / Hirakawa, Kazuo
EFORT13-2436	Radiographic and functional outcome after total hip arthroplasty (THA) in dysplastic hips due to the placement of acetabular component	Jumtins, Andris / Zebolds, Silvestris
EFORT13-2468	Increase in fat free mass following strength training in patients diagnosed with hip osteoarthritis scheduled for Total Hip Arthroplasty - A randomized explorative trial	Zerah, Bo / Mejdahl, Steen / Overgaard, Søren / Holsgaard-Larsen, Anders / Hermann, Andreas
EFORT13-2474	CT evaluation of imageless navigation system and ultrasound-based navigation system in Total Hip Arthroplasty	Mitsugi, Naoto / Mochida, Yuichi / Aratake, Masato / Ota, Hirohiko / Shinohara, Kentaro / Taki, Naoya
EFORT13-2487	In Vivo kinematics after hip resurfacing arthroplasty	Kabata, Tamon / Maeda, Toru / Iwai, Shintaro / Kuroda, Kazunari / Fujita, Kenji / Kawashima, Hiroki / Sanada, Shigeru / Tsuchiya, Hiroyuki / Kajino, Yoshitomo
EFORT13-2514	Comparison of evaluation methods to determine intraoperative impaction energy associated with Total Hip Arthroplasty	Schmidig, Gregg / Scholl, Laura / Thakore, Mayur
EFORT13-2521	Articulatio coxae morphological X-ray findings in professional soccer players and their significance	Tsuchiya, Akihiro / Kanisawa, Izumi / Takhashi, Kenji / Sakai, Hiroki / Fukui, Yuka / Ogura, Takahiro / Akada, Takanori / Fukuda, Hideaki / Nagamine, Tomonori
EFORT13-2523	An experimental study on scarring in resection arthroplasty of the hip	Aguilló, José Luis / Coscujuela-Maña, Antonio / Portabella, Federico
EFORT13-2538	Cementless Total Hip Arthroplasty with new bioactive coated femoral prosthesis. A minimum 2-year follow-up study in Japanese	Mishima, Hajime / Sugaya, Hisashi / Nishino, Tomofumi / Sakane, Masataka / Wada, Hiroshi
EFORT13-2541	Learning curve improves outcome in impaction bone grafting in femoral revision surgery	Cruz-Pardos, Ana / Cordero-Ampuero, José / Garcia-Cimbrello, Eduardo / Garcia-Rey, Eduardo
EFORT13-2548	Outcomes following neck of femure fractures in inpatients	Merker, Louise / Docker, Charles / Sarmah, Panchali
EFORT13-2558	Our experiences with dual mobility acetabular cup	Lapoša, Andrej / Kavcic, Gregor / Bedencic, Klemen
EFORT13-2574	Proximal femoral primary bone lymphoma - A case report	Popescu, Mihai Viorel / Cismasiu, Razvan-Silviu
EFORT13-2604	Proximal strain distribution in a simulated hip joint: A preliminary study	Packianather, Michael / O'Doherty, Daphne / Shahid, Mohammad / Ghosh, Koushik / Robati, Shibby
EFORT13-2629	Prospective comparative study on hip function in two different approaches for minimally invasive THA - Anterolateral supine versus mini-posterior approach	Nagafuchi, Teruyoshi / Yamamura, Mitsuyoshi / Akiyama, Keisuke / Owaki, Hajime / Fuji, Takeshi / Nakata, Katsuya

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EFORT13-2658	Total Hip Arthroplasty using a cementless dual-mobility cup in primary and revision surgery. Evaluation at mean follow-up of 5 years with gait analysis	Fischer, Jean-François / Aminian, Kamiar / Martin, Estelle / Jolles-Haeberli, Brigitte / Acker, Antoine
EFORT13-2662	Activity monitoring as clinical outcome measure in total joint arthroplasty patients and healthy controls	Grimm, B. / Lipperts, M. / van Groenewold, J. / Heyligers, I. / Senden, R.
EFORT13-2684	Strontium ranelate may improve mild forms of osteoarthritis in postmenopausal women with osteoporosis	Cirstoiu, Catalin / Circota, Gheorghe / Popescu, Dan / Razvan, Ene
EFORT13-2701	High prevalence of ceramic fracture in third generation of Alumina on Alumina THA	Kim, Hyung-Sub / Kim, Shin-Yoon / Baek, Seung-Gil
EFORT13-2706	Assessment of aligning the cup with the transverse acetabular ligament in Total Hip Arthroplasty	Kabata, Tamon / Maeda, Toru / Kajino, Yoshitomo / Iwai, Shintaro / Kuroda, Kazunari / Tsuchiya, Hiroyuki / Fujita, Kenji
EFORT13-2709	Effect of the femoral head size on revision risk for dislocation after total hip arthroplasty. A population-based analysis of 42,379 primary Total Hip Arthroplasties from the Finnish Arthroplasty Register	Junnila, Mika / Virolainen, Petri / Remes, Ville / Pulkkinen, Pekka / Eskelinen, Antti / Vahlberg, Tero / Mäkelä, Keijo / Kostensalo, Inari
EFORT13-2753	Effect of femoral stem material and taper geometry on strength of head-stem taper junctions	Scholl, Laura / Schmidig, Gregg / Heffernan, Christopher / Thakore, Mayur / Nevelos, Jim / Raja, Lokesh Kumar
EFORT13-2766	Lymphocytic reactions in revised Metal-on-Metal hip arthroplasties	Revell, Matthew / Sumathi, Vaiyapuri / Pynsent, Paul / Revell, Peter / Matharu, Gulraj
EFORT13-2771	Outcome following revision of Metal-on-Metal hip replacements for suspected adverse reactions to metal debris	Revell, Matthew / Sumathi, Vaiyapuri / Pynsent, Paul / Revell, Peter / Matharu, Gulraj
EFORT13-2777	Fourteen-year follow-up of Birmingham hip resurfacing arthroplasty in patients under 50 years	Treacy, Ronan / Pynsent, William / McBryde, Callum / Pynsent, Paul / Matharu, Gulraj
EFORT13-2801	Acute failure of constrained total hip modular arthroplasty after renal cell tumor	Ezquerria, Laura / Blanco, Nieves / Castillo, Andrés / Torres, Antonio / Seral Garcia, Belén / Albareda, Jorge / Corella, Eduardo
EFORT13-2841	Is second generation Metal-on-Metal primary Total Hip Arthroplasty with a 28mm head a worthy option?	Choi, Il-Yong / Kim, Yee-Suk / Kim, Young-Ho / Hwang, Kyu-Tae
EFORT13-2858	The outcome of revised resurfacing arthroplasty	Cashman, Kara / Liu, Yen / Davidson, David / Ryan, Philip / Graves, Stephen / De Steiger, Richard
EFORT13-2902	Progress of Stress Shielding after Cementless Total Hip Arthroplasty with Versys Fiber Metal Taper Stem -Minimum 5-Year Follow-Up-	Hasegawa, Masahiro / Yoshida, Kakunosin / Wakabayashi, Hiroki / Matsui, Yuriyo / Sudo, Akihiro / Miyamoto, Noriki
EFORT13-2903	Trunnion fretting and corrosion is there a resolution?	Morton, Leona / Fox, Andy / Housden, Jonathan / Collins, Simon / Kinbrum, Amy
EFORT13-2923	In Vitro primary and secondary stability measurement of a conservative hip stem	Ignatius, Anita / Reichel, Heiko / Duerselen, Lutz / Bieger, Ralf
EFORT13-2935	Revision of total hip arthroplasty using hydroxy apatite for massive bone defect of acetabulum	Tsuji, Soichi
EFORT13-2939	Application of intraoperative motor-evoked potential monitoring in Total Hip Arthroplasty	Hasegawa, Masahiro / Wakabayashi, Hiroki / Miyamoto, Noriki / Sudo, Akihiro / Matsui, Yuriyo
EFORT13-2956	New generation dual mobility cup: Results in Spain - 135 Total Hip Replacements with a mean follow-up of 32 months	Meroño, Antonio / Murcia, Antonio / Torres, Ana



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EFORT13-2975	The influence of dual mobility cup design on dislocation in common sizes of THR	Macintyre, James / Markel, David / Mont, Michael / Nevelos, James / Heffernan, Christopher
EFORT13-2980	Bone mineral density after implantation of a femoral neck hip prosthesis – A prospective 5 year follow-up	Decking, Ralf / Souffrant, Robert / Bader, Rainer / Steens, Wolfram
EFORT13-2990	Girdlestone resection arthroplasty as final solution	Delimar, Domagoj / Aljinovic, Ana / Bicanic, Goran / Barbaric, Katarina
EFORT13-3011	The use of polymerase chain reaction to diagnose infection in presumed rapidly destructive coxarthrosis	Rajakulendran, Karthig / Ahad, Nurul / Khalfaoui, Mahdi
EFORT13-3012	Long-term results of Total Hip Arthroplasty for osteonecrosis of the femoral head in systemic lupus erythematosus	Kishida, Shunji / Takahashi, Kazuhisa / Harada, Yoshitada / Shigemura, Tomonori
EFORT13-3049	What effect does arthroplasty have on anxiety and depression? – An assessment of 95 patients pre and post operatively	Kozdryk, Jakub / Waites, Matthew / Quraishi, Sohail / Ribee, Helen
EFORT13-3080	Minimum 5-year results of modular Metal-on-Metal Total Hip Arthroplasty	Hasegawa, Masahiro / Miyamoto, Noriki / Sudo, Akihiro / Yoshida, Kakunoshin / Wakabayashi, Hiroki
EFORT13-3127	Radiographic Measurement to Restore Femoral Head Center in Hip Arthroplasty	Pinsornsak, Piya
EFORT13-3174	NbN plasma immersion ion implantation on Co-Cr alloy reduce wear rate of polyethylene – Pilot study	Kim, Yong-Sik / Kwon, Soon-Yong / Sun, Doo-Hoon / Lee, Hyun-Jin / Lim, Young-Wook
EFORT13-3184	Evaluation of the flexion contracture of the hip joint with osteoarthritis	Takubo, Ryota / Horigome, Youji / Endo, Naoto / Miyasaka, Dai / Suzuki, Hayato / Shibuya, Yohei
EFORT13-3190	Natural history of labral tear in adults	Cho, Yoon Je
EFORT13-3191	Anterior iliopsoas impingement after Total Hip Arthroplasty using acetabular cups with elevated rim	Cho, Yoon Je
EFORT13-3253	Intraoperative radiography to avoid incomplete seating of Trident acetabular system ceramic liners	Kabata, Tamon / Maeda, Toru / Kajino, Yoshitomo / Kuroda, Kazunari / Fujita, Kenji / Tsuchiya, Hiroyuki / Iwai, Shintaro
EFORT13-3321	The fixation manner of Zweymüller prosthesis in the canal evaluated by CT images	Ochiai, Shunsuke / Kamikawa, Koya
EFORT13-3329	Conversion of arthrodesis to Total Hip Arthroplasty: Complications, results, and prognostic factors of 21 consecutive cases	Chana, Francisco / Rojo Manaute, José / Ríos-Luna, Antonio / Sobron, Borja / Benito, Felipe / Vaquero, Javier / Villanueva Martínez, Manuel
EFORT13-3342	Preoperative scoring for rational surgical strategy of one or two-stage revision Total Hip Arthroplasty	Iida, Hirokazu / Nakamura, Tomohisa / Okamoto, Naofumi / Wada, Takahiko / Oe, Kenichi
EFORT13-3347	A novel method for accurate and reproducible functional cup positioning in Total Hip Replacement	Ranawat, Amar / Ranawat, Chitranjan / Meftah, Morteza
EFORT13-3348	Clinical and radiographic results 10 years follow up. Total Hip Replacement in supine position using direct lateral approach	Buttaro, Martin / Piccaluga, Francisco / Godoy, Daniel
EFORT13-3351	Total Hip Replacement in independent elderly patients. Minimun 5 years follow up	Buttaro, Martin / Piccaluga, Francisco / Jauregui, Ricardo / Kaplan, Roberto / Godoy, Daniel

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EFORT13-3355	Treatment of femoral neck fractures with bioresorbable screws (Osteotrans®): Case report and biomechanical study	Takada, Naoya / Otsuka, Takanobu / Fukuta, Makoto
EFORT13-3357	Total Hip Arthroplasty using cementless stems – Does the design of the stem have an effect on the radiological outcome?	Ohishi, Hiroataka / Masaki, Kishiya / Ishibashi, Yasuyuki / Nakamura, Yoshihide
EFORT13-3368	Total Hip Arthroplasty with subtrochanteric shortening osteotomy for Crowe grade 4 using direct anterior approach	Shiratsuchi, Hideaki / Kaneyama, Ryutaku / Miura, Yoko / Tamaki, Tatsuya / Oinuma, Kazuhiro
EFORT13-3410	Tranexamic acid and enhanced recovery pathways for Total Hip & Knee Replacement	Middleton, Robert / Craig, James / Hartley, Richard / Lloyd, John / Singh, Shiv / Gardner, Edward
EFORT13-3436	Two-stage revision protocol in periprosthetic infection following Total Hip Arthroplasty. Our experience	Babis, George / Pantos, Panagiotis / Sakellariou, Vasileios / Stavropoulos, Nikolaos / Papagelopoulos, Panagiotis
EFORT13-3444	Total Hip Arthroplasty after acetabular fractures	Mangupli, Martin / Bruno, Pablo / Bustos, Damian / Gutiérrez Olivera, Natalia / Malvarez, Alejandro / Ruchelli, Luis / Salcedo, Leandro / Jabif, Alberto / Allende, Bartolome / Fernández Savoy, Ignacio
EFORT13-3457	Conversion to Total Hip Replacement Arthroplasty after arthroscopic treatment of pyogenic arthritis of hip	Cho, Hun Sik / Yoo, Hyun Seong / Cho, Young-Ho
EFORT13-3467	Inter-tester reliability of the hand-held dynamometer and the leg extensor power rig applied on patients after Total Hip Arthroplasty	Mechlenburg, Inger / Søballe, Kjeld / Petersen, Mette / Mikkelsen, Lone
EFORT13-3479	A cementless Total Hip Arthroplasty implant with bioactive titanium porous-coating by alkaline and heat treatment: Ten year results and study on retrieved implants	Kaneuji, Ayumi / Matsuda, Shuichi / Akiyama, Haruhiko
EFORT13-3483	Anatomical relationship between the hip joint and the pelvic floor	Shiratsuchi, Hideaki / Oinuma, Kazuhiro / Iida, Satoshi / Akita, Keiichi / Tamaki, Tatsuya
EFORT13-3491	Acetabular revision total hip arthroplasty involving impaction allografting with mixture of hydroxyapatite granule	Shinada, Yoshiyuki / Kawamoto, Taisei / Suzuki, Chiho / Miyamoto, Shuichi / Iida, Satoshi
EFORT13-3492	Digital tomosynthesis effectively confirms biological fixation of cementless Total Hip Arthroplasty	Maeda, Toru / Kajino, Yoshitomo / Iwai, Shintaro / Kuroda, Kazunari / Fujita, Kenji / Tsuchiya, Hiroyuki / Kabata, Tamon
EFORT13-3504	Eleven-year results of Total Hip Arthroplasty in patients with secondary osteoarthritis due to slipped capital femoral epiphysis	Schoof, Benjamin / Kendoff, Daniel / Haasper, Carl / Gehrke, Thorsten / Gebauer, Matthias / Citak, Mustafa
EFORT13-3507	Surgical site infection in hip fractures : Arthroplasty vs intramedullary nail	Cruz, Encarnación / Guerado Parra, Enrique / Cano, Juan Ramón
EFORT13-3595	Trends in patient physical activity before and after primary THA	Zimmermann, Dorith / Roussos, Constantinos / Bonvin, Alexis / Peter, Robin / Hoffmeyer, Pierre / Lübbecke, Anne
EFORT13-3618	Lateral mesh can be insufficient to avoid cup loosening in large segmental defects using impaction bone grafting in acetabular revision surgery	Madero, Rosario / Cruz-Pardos, Ana / García-Rey, Eduardo / García-Cimbrelo, Eduardo
EFORT13-3667	Does the surgical approach affect the patient-reported outcomes following Total Hip Replacement?	Kärrholm, Johan / Garellick, Göran / Wretenberg, Per / Rolfson, Ola / Lindgren, Viktor
EFORT13-3700	Protusio acetabuli secondary to neurofibromatosis	Wong, Amanda / Patel, Shilen / Sabboubeh, Adel / Bruce, Andrew / Abouel-Enin, Sherif



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Lower limb

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EFORT13-3703	The effect of topical application of tranexamic acid in Total Hip Arthroplasty through the direct anterior approach. A prospective, double blind, placebo-controlled clinical trial	Van Elst, Colette / Vanbiervliet, Jens / Simon, Jean-Pierre / Corten, Kristoff
EFORT13-3750	Use of robotic technology in cam femoroacetabular impingement corrective surgery	Tan, Wei Liang / Sunnar, Jaskaranjit / Aqil, Adeel / Harris, Simon / Cobb, Justin / Masjedi, Milad
EFORT13-3796	Short-term results of Total Hip Arthroplasty with Synergy Select II RF stem, developed for Japanese patients	Mishima, Hajime / Nishino, Tomofumi / Wada, Hiroshi / Sugaya, Hisashi / Watanabe, Yasuhiko / Kawamura, Haruo / Sakane, Masataka / Yoshizawa, Tomohiro
EFORT13-3803	Accuracy of CT-based computer navigation system for total hip arthroplasty in Crowe grade IV dislocated hips	Maeda, Toru / Kajino, Yoshitomo / Iwai, Shintaro / Kuroda, Kazunari / Fujita, Kenji / Tsuchiya, Hiroyuki / Kabata, Tamon
EFORT13-3809	Radiographic evidence of cam-type femoroacetabular impingement in young patients with end-stage hip osteoarthritis	Morison, Zack / Kuzyk, Paul / Sellan, Michael / Waddell, James
EFORT13-3849	Results of cemented or cementless intra-operative straight hip stem selection	Strecker, Wolf / Urschel, Christian
EFORT13-3852	The effect of chronic kidney disease on total hip arthroplasty: An evaluation of perioperative morbidity and implant longevity	Inacio, Maria / Namba, Robert / Miric, Alexander
EFORT13-3878	Alternative RSA methods for calculating wear when Tantalum cups are used	Wang, Joanne / Bragdon, Charles / Kärrholm, Johan / Malchau, Henrik / Goldvasser, Dov
EFORT13-3880	Sports activities after Total Hip Arthroplasty	Tamaki, Tatsuya / Oinuma, Kazuhiro / Shiratsuchi, Hideaki / Kaneyama, Ryutaku / Fukuda, Hideaki
EFORT13-3882	Sports and activity levels after surgical hip dislocation for the treatment of femoroacetabular impingement	Schaer, Michael / Miozzari, Hermes / Noetzli, Hubert / Naal, Florian
EFORT13-3929	Long-to-medium term follow up of polished tri-tapered stem for Cement-in-Cement revision hip arthroplasty	Lawrence, T. / Young, J. / Vallamshetla, V. P. / Lyle, Shirley
EFORT13-3935	Diagnose of loosened hip-implants with the use of extracorporeal shockwaves: A vibratory technique	Jaeger, Sebastian / Bitsch, Rudi / Rupp, Rüdiger / Kretzer, Jan / Rieger, Johannes
EFORT13-3944	A local reference frame for the proximal femur	Cobb, Justin / Masjedi, Milad / Tay, Charison
EFORT13-3979	Clinical coding and payment by results in hip fractures; does documentation by clinicians matter and alter the "Tariff"?	Mitsiou, Konstantinos / Tilson, Richard / Nanjayan, Shashi / McCretton, Thomas / Tambe, Amol
EFORT13-4061	Experiences made using the MIS anterolateral approach when dealing with isolated acetabular cup revision	Maansson, Lukas / Brun, Ole-Christian
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EFORT13-2570	Unicompartmental knee arthroplasty	Kavcic, Gregor / Bedencic, Klemen
EFORT13-2598	Novel virtual surgery method for the development of patient-specific finite element models to assess post-TKR bone remodeling	Taff, Clarence / Larson, Brad / Schmidt, Walter / Spalazzi, Jeffrey
EFORT13-2640	Comparison of SPECT/CT findings and histology of subchondral bone and articular cartilage in severe osteoarthritic knees	Han, Hyuk-Soo / Kang, Seung-Baik
EFORT13-2645	Comparison of anterior and posterior reference technique on the femoral posterior condylar offset and knee flexion after TKA	Han, Hyuk-Soo / Kang, Seung-Baik
EFORT13-2754	Using metaphyseal sleeves in revision surgery of the knee	Castillo Palacios, Andrés / Torres Campos, Antonio / Estella Nonay, Ruben / Ezquerro Herrando, Laura / Seral García, Belén / Albareda Albareda, Jorge / Blanco Rubio, Nieves
EFORT13-2781	Sloped tibial insert reduces excessive contact stress caused by PCL over-tightness in CR TKA	Angibaud, Laurent / Gao, Bo
EFORT13-2798	Wound outcomes comparing the usage of drains vs no drains in total knee arthroplasty	Chan, Oliver / Moiz, Malik / Guo, Shigong
EFORT13-2823	Total Knee Arthroplasty in patients over 80 years compared with a younger group . Results and complications	Moreno García, Alonso / Pelaz Berdullas, Leire / Leal Helming, José / Bello Prats, Santiago / Valverde Villar, Ana María
EFORT13-2891	The effect of biplane medial opening wedge high tibial osteotomy on patellofemoral joint indices	Lee, Suk-Ha / Nathawat, Kuldeep / Jeon, Seung-Hyub / Yang, Jae-Hyuk / Oh, Kwang-Jun
EFORT13-3028	Influence of femoral block on quadriceps strength recovery (QSR) after Total Knee Replacement	Angers, Michèle / Vachon, Jessica / Belzile, Etienne / Bédard, Luc / Pelet, Stéphane
EFORT13-3154	The contribution of the configuration of the osteotomy in the stability of the valgus high tibial osteotomy used for the correction of the varus knee: A biomechanical study	Politis, Aggelos / Xenakis, Theodoros / Stavlas, Panagiotis
EFORT13-3173	Is local administration of tranexamic acid effective in reducing blood loss and transfusion requirements following Total Knee Arthroplasty in the absence of surgical drains?	El Shafie, Sherif / Kidd, Alexander / Twyman, Roy / Craik, Johnathan
EFORT13-3206	The accuracy of femoral component rotation in navigation-assisted Total Knee Arthroplasty using a measured resection technique	Jung, Ho-Joong / Song, Kwang-Sup / Lee, Jae-Sung / Kim, Jae-Yoon / Yang, Jae Jun / Lee, Han-Jun
EFORT13-3218	Can a posterior condylar cartilage thickness affect the femoral component rotation and patello-femoral alignment in TKAs?	Jung, Ho-Joong / Lee, Jae-Sung / Kim, Seong-Hwan / Jung, Hyung-Suk / Lee, Han-Jun
EFORT13-3223	Postoperative complications of anterior cruciate ligament reconstruction surgery in a series of 1269 patients	Adam, Athanasios / Papastergiou, Stergios / Koukoulas, Nikolaos / Papadopoulos, Alexandros / Lola, Despina / Konstantinidis, Georgios
EFORT13-3275	Do long leg supine CT scanograms correlate with weight-bearing full length radiographs to measure lower limb coronal alignment?	Hassaballa, Mohammed / Robinson, James / Porteous, Andrew / Murray, James / Gbejuade, Herbert



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EFORT13-3323	Anterior knee pain in young adults: Tibial tuberosity Trochlear groove distance, Lateral Trochlear Index and patella height measurement have little diagnostic value	Ashraff, T. / Raj, D. / Patel, Vishal
EFORT13-3343	Syngeneic, minor mismatched, and major mismatched transplantation of synovial mesenchymal stem cells in a rat massive meniscal defect model at 2,4 and 8 weeks	Sekiya, Ichiro / Horie, Masafumi / Koga, Hideyuki / Ozeki, Nobutake / Tsuji, Kunikazu / Yoshiya, Shinichi / Muneta, Takeshi / Okuno, Makiko
EFORT13-3346	Open wedge high tibial osteotomy using biplanar retrotubercular osteotomy in medial compartment gonarthrosis : Comparison of Aescula plate and Tomofix plate	Park, Jong-Soo / Cheon, Sang-Ho / Kim, Jun-Young / Kyung, Hee-Soo
EFORT13-3396	Outcomes of rotating hinge knee in revision arthroplasty - Analysis of 108 cases with mean follow up of 4 years	Taylor, Lee / Rao, Biyyam
EFORT13-3497	Primary Total Knee Arthroplasty in patients with Parkinson's disease: A case controlled comparative study of short to medium term outcomes	Cochrane, Lynda / Singer, Brian / Tinning, Craig
EFORT13-3523	Swelling after Anterior Cruciate Ligament reconstruction	Haddad, Fares / Patel, Rahul / Thacker, Michael / Paton, Bruce
EFORT13-3564	A prospective study comparing early results of TKR using custom made form fitting cutting blocks with a standard technique	Morizzi, Rosa / Nabavi, Arash / Philibert, Stephanie
EFORT13-3566	Concomitant administration of indirect factor Xa inhibitor in patients with inhibitors of fibrinolysis use following Total Knee Arthroplasty : A prospective randomized controlled trial	Kim, Kang-Il / Lee, Sang-Hak / Lee, Seung-Hyuk / Kang, Dong-Geun
EFORT13-3627	Hemicap- and Unicap – miniprosthesis and Hemicap patellofemoral (PF) - and PF-xl (Wave) – miniprosthesis	Laursen, Jens
EFORT13-3641	Surgical options and radiological reconstruction in cemented Total Knee Replacement	Rodríguez-Merchán, Emérito / Ortega-Andreu, Miguel / García-Rey, Eduardo / Fernández-Fernández, Ricardo
EFORT13-3665	Post operative knee society scores following Oxford unicompartmental knee replacement in a District General Hospital: A single surgeon series of 100 cases	Roy, Stuart / Harding, Richard
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EFORT13-3711	The accuracy of component alignment in custom cutting blocks TKA : A comparative study in 80 cases	Wangwittayakul, Visit / Khuangsirikul, Saradej / Foojareonyos, Trakul / Chotanaphuti, Thanainit
EFORT13-3714	Targeted preoperative autologous blood donation in Total Knee Arthroplasty: The hospital for special surgery blood preservation center experience	Bou Monsef, Jad / Buckup, Johannes / Marx, Robert / Ranawat, Amar / Mayman, David / Boettner, Friedrich
EFORT13-3795	Nanohydroxyapatite promotes healing process in open wedge high tibial osteotomy: A CT study	Mazza, Daniele / Bolle, Gabriele / Redler, Andrea / Conteduca, Fabio / Argento, Giuseppe / Cristiano, Lara / Iorio, Raffaele / Pagnottelli, Marco / Ferretti, Andrea / Di Sette, Priscilla
EFORT13-3800	Influence of cementation technique on blood loss after Total Knee Arthroplasty	Musser, Ewald / Kastner, Norbert / Gruber, Gerald / Friesenbichler, Jörg / Leithner, Andreas / Sadoghi, Patrick

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EFORT13-3802	Epidemiology and surgical technique of Total Knee Arthroplasty: A comparative analysis using worldwide knee arthroplasty registers	Friesenbichler, Jörg / Kastner, Norbert / Leithner, Andreas / Sadoghi, Patrick / Vielgut, Ines
EFORT13-3812	PRP for osteoarthritis knee pain: Is it worth for patient?	Rodríguez Gómez, Luciano / Barastegui, David / Celaya Reoyo, Gorka / Diaz Ferreira, Eugenio / Ramírez Ruiz, Guillermo / Joshi, Nayana
EFORT13-3867	Computer-assisted surgery as indication of choice: Total Knee Arthroplasty in case of retained hardware or extra-articular deformity	Ben Ayad, Rida / Amendola, Luca / Fosco, Matteo / Tigani, Domenico
EFORT13-3876	Knee osteoarthritis in patients with poliomyelitis managed with rotating-hinged prosthesis	Ben Ayad, Rida / Amendola, Luca / Fosco, Matteo / Tigani, Domenico
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EFORT13-3907	The effect of early progressive resistance training for patients after unicompartmental knee arthroplasty	Bogh, Søren / Søballe, Kjeld / Odgaard, Anders / Sørensen, Henrik / Mechlenburg, Inger / Jørgensen, Peter Bo
EFORT13-3951	Perfect gap making system in Total Knee Arthroplasty: Resolution of the component gap problem	Shiratsuchi, Hideaki / Oinuma, Kazuhiro / Miura, Yoko / Tamaki, Tatsuya / Kaneyama, Ryutaku
EFORT13-3982	Fatigue fracture of the femoral component of a total knee prosthesis: A rare cause for knee pain	Sarraf, Khaled / Abdul-Jabar, Hani / Singer, G / Shah G. / Wharton, Rupert
EFORT13-3988	Anatomical single femoral tunnel anterior cruciate ligament reconstruction is just enough	Mojtahed Jaber, Fereidoon
EFORT13-4065	Oxford unicompartmental knee replacement: 10 to 20 year follow-up study from an independent centre	Keys, Graham / Nagy, Mathias
EFORT13-4183	New approach to ensure proper medio-lateral balance with varus contracture of knee	Tanaka, Yasuhiro
EFORT13-4196	Femoral rotation in Total Knee Arthroplasty: A comparison of patient individualized jigs and gap balancing	Jaeger, Sebastian / Rieger, Johannes / Fitz, Wolfgang / Bitsch, Rudi
EFORT13-4206	The novel use of tantalum acetabular augments in severe bone loss during revision knee arthroplasty	Mayahi, Reza / Price, Andrew / Whitwell, Duncan / Jackson, William / Erturan, Gurhan
EFORT13-4250	Bone defect in revision knee arthroplasty	Trsek, Denis / Medancic, Nenad / Haspl, Miroslav
EFORT13-4258	Outcome of secondary patellar resurfacing	Dudhniwala, Gaffar / Davies, Andrew / El Sayad, Mouhamed
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EFORT13-4369	A rare case of Total Knee Arthroplasty infected with Serratia marcescens	McNicholas, Michael / Odak, Saurabh / Mahmoud, Samer
EFORT13-4374	Rate of bacterial resistance after using antibiotic loaded cement in total knee arthroplasty	Leal Blanquet, Joan / Hinarejos Gómez, Pedro / Pelfort López, Xavier / Montserrat Ramón, Ferran / Puig Verdíé, Lluís / Guirro Castellnou, Pau

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EFORT13-4519	Medial patellofemoral ligament reconstruction for the recurrent patella dislocation with a tibialis anterior allograft	Kim, Nam Ki / Yoo, Jae Doo
EFORT13-4540	Modified adductor sling technique of the medial patellofemoral ligament reconstruction in skeletally immature patients	Kim, Nam Ki / Yoo, Jae Doo
EFORT13-4549	Pathologic tibia tubercle - Trochlea groove distance (TT-TG) – It is not always the tibia tubercle	Scheurecker, Georg / Höglér, Richard / Labey, Luc / Innocenti, Bernardo / Hofmann, Siegfried / Seitlinger, Gerd
EFORT13-4587	What are the Greek physiotherapists' views on rehabilitation practice of patients undergoing total knee replacement? A cross-country survey	Gliatis, John / Billis, Evdokia / Tsepis, Elias / Gleeson, Nigel / Moutzouri, Maria
EFORT13-4599	Risk factors for a post-operative neutrally aligned total knee arthroplasty developing fixed flexion: A two year follow up	Chong, Hwei-Chi / Chin, Pak-Lin / Chia, Shi-Lu / Tay, Darren / Lo, Ngai-Nung / Yeo, Seng-Jin / Silva, Amila
EFORT13-4616	Does femoral back wall failure affect the functional results of arthroscopic anterior cruciate ligament surgery?	Erdil, Mehmet / Bilsel, Kerem / Tuncay, Ibrahim / Acar, Mehmet / Yel, Mustafa / Tunçer, Nejat / Elmadag, Mehmet
EFORT13-4660	Arthroscopic lysis of adhesions for the stiff TKA: Overall results and reliability of gravity flexion as a prognostic indicator of ultimate knee flexion	Post, Zachary / Orozco, Fabio / Tjoumakaris, Fotios / Younger, Victoria / Ong, Alvin
EFORT13-4690	Activity participation in young Total Knee Arthroplasty patients	Orozco, Fabio / Delasotta, Lawrence / Younger, Victoria / Ong, Alvin / Post, Zachary
EFORT13-4701	Patellar impingement on tibial polyethylene: Is it a problem in modern posterior stabilized total knee arthroplasty?	Ong, Alvin / Hwang, Seung-Hyun / Ahn, Hye-Sun / Lee, Su-Chan / Jung, Kwang-Am / Hwang, Byoung-Yoon
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EFORT13-4718	The prevalence of cognitive dysfunction and predisposing factors in patients undergoing total knee arthroplasty	Joo, Jong-Hwan / Jung, Kwang-Am / Lee, Su-Chan / Ong, Alvin / Ahn, Hye-Sun / Hwang, Byoung-Yoon
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EFORT13-4758	Bone morphology risk factors for ACL rupture in athletes: Radiographic method to be considered in pre-participation screening	Fernandes, Margarida / Pereira, Rogério / Monteiro, Alberto / Oliveira, Joaquim / Reis, Rui / Espregueira-Mendes, João / Pereira, Hélder
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EFORT13-4870	Total Knee Arthroplasty can be safe in the super morbidly obese	Orozco, Fabio / Callinan, Sarah / Huang, Ronald / Bercik, Michael / Younger, Victoria / Ong, Alvin / Post, Zachary
EFORT13-4888	The evaluation of posterior condylar offset and knee flexion in TKA with the femoral posterior pre-cut technique	Kaneyama, Ryutaku / Fukuda, Hideaki
EFORT13-5022	Two level Femur Osteotomy in adult with osteogenesis imperfecta and osteoarthritis knee - 3 year follow up	Green, Timothy / Srinivasan, Suresh
EFORT13-5056	One-year persistence of knee pain in adolescents between 12 and 15 years	Baird, William / Olesen, Jens / Roos, Ewa / Christensen, Birgitte / Rathleff, Michael / Rasmussen, Sten / Rathleff, Camilla

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EFORT13-5069	Preventive peroneal neurolysis for RA-associated severe knee deformity	Ojima, Tomohiro
EFORT13-5125	Successful outcome following microfracture of the patellofemoral joint with unrestricted ROM rehabilitation	Martin, David / Asopa, Vipin
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EFORT13-5302	Systemic effects of polymethylmethacrylate in Total Knee Arthroplasty. A prospective case control study	Cheng, Kenneth / Giebaly, Dia Eldean
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EFORT13-5508	Effects of obesity on functional performance in patients with Total Knee Arthroplasty	Basar, Selda / Özer, Hamza / Selek, Hakan / Çitaker, Seyit / Kafa, Baris / Kafa, Nihan
EFORT13-5549	Goniometric measurements of extension in Total Knee Arthroplasty patients: In different body positions	Basar, Selda / Özer, Hamza / Selek, Hakan / Çitaker, Seyit / Kafa, Baris / Kafa, Nihan
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EFORT13-5588	Cell regeneration after two years in a meniscal implant Actifit®	Pelfort López, Xavier / Torres-Claramunt, Raul / Gil González, Sergi / Martínez Díaz, Santos / Leal Blanquet, Joan / Hinarejos Gómez, Pedro / Puig Verdí, Lluís / Sánchez-Soler, Juan Francisco
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EFORT13-5621	Semimembranosus tendonitis caused by extruded cement following a medial uni-compartmental knee replacement	Knapp, Thomas / Taggart, Tom / Radcliffe, Graham / Loughenbury, Peter
EFORT13-5646	Does malrotation of components correlate with patient dissatisfaction following secondary patella resurfacing?	Harvey, Adrian / Bhattee, Ghias / Govindaswamy, Raj / Fiddian, Nick / Pope, Andy / Moonot, Pradeep
EFORT13-5684	Which preoperative factors predict postoperative early stage functional level after Total Knee Arthroplasty?	Özer, Hamza / Selek, Hakan / Basar, Selda / Çitaker, Seyit / Kafa, Nihan
EFORT13-5705	The use of the Oxford partial knee replacement in the elderly population; A knee for life?	Jha, Shilpa / Edmondson, Mark / Miles, Kim / East, Debra / Apthorp, Hugh / Goddard, Richard / Butler-Manuel, Adrian / Davidson, Jerome

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EFORT13-5764	The natural course of spontaneous osteonecrosis of the knee (SPONK). A knee survival analysis of 40 untreated patients diagnosed in 1983-1990	Geijer, Mats / Jureus, Jan / Tägil, Magnus
EFORT13-5808	Is perceived pain while imagining the activity reliable?	Basar, Selda / Kafa, Nihan / Selek, Hakan / Çitaker, Seyit / Özer, Hamza
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EFORT13-5912	The survival rate of patellofemoral replacement and Total Knee Replacement used to treat severe isolated patellofemoral arthritis. A systematic review of the english literature	Parsons, Nicholas / Fernández, Miguel / Costa, Matthew / Odumenya, Michelle
EFORT13-5952	Radiological outcomes of the Bereiter trochleoplasty	Dhillon, Manpreet / Spalding, Tim / Thompson, Peter / Hutchinson, Charles / Odumenya, Michelle
EFORT13-6003	Clinical outcome of posterolateral corner reconstruction in multiligament injured knee: A Prospective study	Acharya, Kiran / Rao, Sripathi / Pandey, Vivek

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EFORT13-1201	Elbow dislocation with ipsilateral transverse midshaft radius and ulnar fractures: Report of a rare case and literature review	Ray, Pinak / Ferris, Barry / Gillott, Elizabeth
EFORT13-1273	Locked volar plate vs K-wires and external fixation in distal radius articular fractures	Nanescu, Ciprian / Dumitrescu, Mihnea / Tanase, Florin / Radulescu, Sorin / Dumitru, Costin
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EFORT13-2082	Peripheral Hospital experience of unstable distal radius fracture management	Farhan, Munthir / Panezai, Jamil / Ali, Imran
EFORT13-2171	Percutaneous plating for comminuted midshaft fractures of the clavicle: A surgical technique to aid the reduction with the nail-assistance	Oh, Chang-Wug / Oh, Jong-Keon / Yoon, Jong-Pil / Kim, Joon-Woo / Na, Sang-Bong / Kyung, Hee-Soo / Lee, Hyun-Joo
EFORT13-2315	Bilateral shoulder dislocation – 2 clinical cases	Alves, António / Pon, Jorge / Sequeiros, Jorge / Alves, Sandra
EFORT13-2453	New mini-invasive posterior approach for humerus plating	Mohamed, Mohamed Ali Ahmed

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EFORT13-2529	Surgical treatment (ORIF) vs conservative management of distal radius fractures in elderly patients. Preliminary report	Rodríguez-Merchán, E. Carlos / Rubio Suárez, Juan Carlos / Zamora, Eduardo
EFORT13-2673	Proximal humeral fractures - Clinical results and complications	Correia de Jesus, Marcos / Martins, Samuel / Monteiro, Jacinto / Sarmento, Marco
EFORT13-2809	External fixation in intraarticular distal radius fractures: Short term results	Ezquerro, Laura / Blanco, Nieves / Castillo, Andrés / Torres, Antonio / Seral García, Belén / Albareda, Jorge / Corella, Eduardo
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EFORT13-3060	Retrospective comparison of external fixation versus volar locked plate in the treatment of unstable intraarticular distal radius fractures	Kurt, Cengizhan / Coskunol, Erhan / Kumbaraci, Mert / Karapinar, Levent / Kucuk, Levent
EFORT13-3077	A comparison of anatomic locking plate fixation and tension band wiring in the treatment of olecranon fractures	Erdil, Mehmet / Bilsel, Kerem / Tunçer, Nejat / Çayır, Tahsin / Tuncay, Ibrahim / Polat, Gökhan / Elmadag, Nuh
EFORT13-3079	Distal humerus fracture, treated with double plate parallel osteosynthes in elderly osteoporotic patients	García Alonso, Manuel / Alonso García, Noelia / Pérez Bermejo, Diego / Aguado Maestro, Ignacio / Cebrián Rodríguez, Elisa / Herreros López, Ramón / Aguado Hernández, Hector / García García, Javier
EFORT13-3091	Proximal humerus fracture treatment with locking plate MIS	Aguado Hernández, Héctor / García Alonso, Manuel / Alonso García, Noelia / Pérez Bermejo, Diego / Aguado Maestro, Ignacio / Cebrián Rodríguez, Elisa / Herreros López, Ramón / Álvarez García, Verónica / García García, Javier
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EFORT13-3242	Intramedullary clavicle Rod fixation: The Doncaster experience	Qureishi, Ford / Ali, Imran
EFORT13-3298	Removal of metalwork following open reduction and internal fixation of olecranon fractures	McKenna, Rosaleen / Rymaszewski, Lech / Campton, Luke / Mahmood, Fahd
EFORT13-3417	Fluoroscopy in trauma surgery: Assessing adequacy and evaluating the risk	Sinnott, Matthew / Lovell, Martin / Street, Elliot
EFORT13-3763	Lesser arc wrist injuries: surgical management and outcomes	Margetic, Petra / Malovic, Mario / Uremovic, Melita / Pavic, Roman

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EFORT13-3874	Evaluation of bridge plate osteosynthesis for complex periarticular fractures in the hand and wrist	Power, Dominic / Kritiotis, Constantinos / Tan, Simon / Simpson, Claire / Lawson-Smith, Matthew
EFORT13-3901	Review of Philos plate fixation in proximal humerus fractures	King, Amanda / Yewlett, Alun / Williams, Rhys / Brooks, Francis
EFORT13-3978	Loss of reduction of distal radius fractures treated by external fixation: A study of 59 cases	Farah, Zeina / Nassar, Lara / Schuind, Frédéric / Farah, Nassif
EFORT13-4025	A prospective study of the quality of hand trauma referrals made to a tertiary UK hand trauma centre	Tare, Makarand / Mussa, Mohamed
EFORT13-4086	Greater arc wrist injuries: Operative management and outcomes	Magetic, Petra / Malovic, Mario / Uremovic, Melita / Pavic, Roman
EFORT13-4221	Epidemiology of humerus shaft fractures	Austin, Luke / Tjoumakaris, Fotios / Bercik, Michael / Ong, Alvin
EFORT13-4428	Distal radial fractures. A comparison of the results of a non bridging external fixation, a bridging external fixation and a ORIF technique	Theodorakis, Emmanouil / Laurenti, Filippo / Potestio, Domenico
EFORT13-4429	Arthroscopic stabilization for acromioclavicular dislocation by a loop technique	Brotat Rodríguez, María / Yagüe Solís, Fernando / Beltrán de Heredia Rentería, Pablo / Rodríguez-Monsalve Milano, Fiona / León Andrino, Alejandro / García Medrano, Belén
EFORT13-4514	Posterior elbow dislocation associated rear radial ipsilateral shaft fracture. A rare combination	García Albea, Raquel / Jiménez Gómez, Francisco / Sánchez Martos, Maximilian
EFORT13-4547	Minimally invasive plate osteosynthesis of humeral shaft fractures with a helical plate	Kwon, Hyuknam / Lee, Thae-hun / Moon, Jungyu
EFORT13-4733	Reduction in radiation exposure with the mini C-arm in upper limb surgery	Bawale, Rajesh / Yousofi, Thamina / Singh, Bijayendra / Berber, Onur
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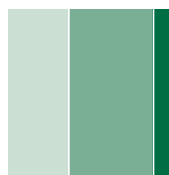
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INDUSTRY SYMPOSIA				
Session Title	Organisers/Moderators	Society	Room	Time
5 June 2013				
The osteoporotic tsunami: Trends in geriatric fracture prevention and fixation	Blauth, Michael	● DePuy Synthes & Eli Lilly	Florence	13.00-14.30
Cement Session - Contemporary Techniques Modern infection management in Joint Arthroplasty	Townsend, R.	● Biomet	Munich	13.00-14.30
Open tibia fractures: Reducing the frequency of revisions	Alt, Volker	● Medtronic	Nice	13.00-14.30
Treatment of high energy injuries - Key priorities for intervention	Nayagam, Selvadurai	● Orthofix	Vienna	13.00-14.30
Journey "Normal is Exceptional"	Victor, Jan	● Smith & Nephew	Madrid	13.00-14.30
Periprosthetic fractures solutions - a result of 10 years NCB evolution		● Zimmer GmbH	Lisbon	13.00-14.30
Balancing evidence and innovation in THA	Gie, Graham	● Stryker	Helsinki	13.00-14.30
6 June 2013				
Optimys® short stem - First clinical results	Pfeil, Joachim / Siebert, Werner	● Mathys	Helsinki	12.30-14.00
Simplifying your hip revision practice	Haddad, Fares / Tözün, Ismail Remzi	● Smith & Nephew	Barcelona	12.30-14.00
Patient's needs & Health Economics. Do short stem philosophies have a positive impact?	Jerosch, Jörg / Ullmark, Gösta	● Limacorporate	Vienna	12.30-14.00
Experience that counts... Insights from the use of rivaroxaban in routine clinical practice	Turpie, Alexander / Haas, Sylvia	● Bayer Healthcare	Lisbon	12.30-14.00
Practical guidance and real-world experience with novel oral anticoagulants: Optimizing use in orthopaedic practice	Eriksson, Bengt	● Boehringer Ingelheim	Florence	12.30-14.00
Revision Hip - Infection & Complication		● Zimmer GmbH	Munich	12.30-14.00
Knee Session - Innovative Solutions with Multiple Options for Success: Proven Technologies Meets Future Patient Solutions		● Biomet	Madrid	12.30-14.00
Dual mobility: A 35 years french experience		● Groupe Lepine	Nice	12.30-14.00

7 June 2013

Hip Session - Exception and 2U – Always Ready to Go: The World's first Primary Hip Single Use Instrumentation Platform		● Biomet	Madrid	12.30-14.00
Incisional negative pressure wound therapy: When to use it, how to use it?	Giannini, Sandro	● Smith & Nephew	Vienna	12.30-14.00
Ealy intervention + innovation in Knee & Shoulder Arthroplasty	Ilker, Cetin	● Zimmer GmbH	Lisbon	12.30-14.00
The MACI® implant – Setting new standards in cartilage repair	Bozkurt, Murat	● Sanofi	Florence	12.30-14.00

13:00 – 14:30

Biomet



Hip

INDUSTRY
SYMPOSIA
13.00-14.30

CEMENT SESSION – CONTEMPORARY REVISION TECHNIQUES:
MODERN INFECTION MANAGEMENT IN JOINT ARTHROPLASTY

Room Munich

Diagnostics and Treatment of Infection from a Microbiologist's Perspective
Speaker: Townsend, R. (United Kingdom)

Solutions in Infection Treatment: One-Stage vs. Two-Stage Treatment,
Speaker: Romanò, Carlo Luca (Italy)

Two-Stage Revision Treatment Using NEW Modular Hip Spacers, Stage One Select
Speaker: Romanò, Carlo Luca (Italy)

Infection Treatment in Knee Arthroplasty
Speaker: Bozkurt, Murat (Turkey)

Stryker



Hip

INDUSTRY
SYMPOSIA
13.00-14.30

BALANCING EVIDENCE AND INNOVATION IN THA
Moderator: Gie, Graham (United Kingdom)

Room Helsinki

Speaker: Gie, Graham (United Kingdom)

Speaker: Howell, Jonathan (United Kingdom)

Zimmer GmbH



Polytrauma/Pelvis

INDUSTRY
SYMPOSIA
13.00-14.30

PERIPROSTHETIC FRACTURES SOLUTIONS – A RESULT OF 10 YEARS
NCB EVOLUTION

Room Lisbon

Welcome and introduction

Concept of Evolution of the NCB Technology
Speaker: Biberthaler, Peter

Minimally Invasive Periprosthetic Fractures treatment around the knee
Speaker: Ruchholz, Steffen

Management of PP hip fractures
Speaker: Flécher, Xavier

13:00 - 14:30

DePuy Synthes & Eli Lilly



Osteoporosis

INDUSTRY SYMPOSIA THE OSTEOPOROTIC TSUNAMI: TRENDS IN GERIATRIC FRACTURE PREVENTION AND FIXATION Room Florence

13.00-14.30 Moderator: Blauth, Michael (Austria)

The holistic care approach for osteoporotic fracture patients in 2013 - The orthopaedics point of view
Speaker: Mayr, Edgar (Germany)

Medical treatment in osteoporosis. Treatment algorithm for osteoporosis
Speaker: Blauth, Michael (Austria)

Medtronic



Trauma lower limb

INDUSTRY SYMPOSIA OPEN TIBIA FRACTURES: REDUCING THE FREQUENCY OF REVISIONS Room Nice

13.00-14.30

Clinical rationale of using rhBMP-2 in open tibia fracture management
Speaker: Alt, Volker (Germany)

Orthofix



Trauma lower limb

INDUSTRY SYMPOSIA TREATMENT OF HIGH ENERGY INJURIES – KEY PRIORITIES FOR INTERVENTION Room Vienna

13.00-14.30 Moderator: Nayagam, Selvadurai (United Kingdom)

Pelvis: Case scenarios
Speaker: Templeman, David C. (United States)

Open tibial injuries: Case scenarios
Speaker: Gordon, Wade T. (United States)

Smith & Nephew



Sports / Knee soft-tissue

INDUSTRY SYMPOSIA JOURNEY "NORMAL IS EXCEPTIONAL" Room Madrid

13.00-14.30 Moderator: Victor, Jan (Belgium)

Welcome
Speaker: Victor, Jan (Belgium)

Why is Smith&Nephew launching a new journey knee?
Speaker: Tarry, Simon (United Kingdom)

My personal vision around the future of TKR
Speaker: Victor, Jan (Belgium)

Journey II CR – Replicating kinematics while preserving ligaments
Speaker: Franz, Alois (Germany)

12:30 – 14:00

Zimmer GmbH



Hip

INDUSTRY SYMPOSIA 12.30-14.00	REVISION HIP – INFECTION & COMPLICATION	Room Munich
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Welcome and introduction

How to diagnose infection?

Speaker: Gherk, Thorsten (Germany)

Massive bone loss deficiencies in femoral revisions

Speaker: Mantkelow, Andrew (United Kingdom)

Massive bone loss deficiencies in acetabular revisions

Speaker: Flécher, Xavier (France)

Smith & Nephew



Hip

INDUSTRY SYMPOSIA 12.30-14.00	SIMPLIFYING YOUR HIP REVISION PRACTICE Moderators: Haddad, Fares (United Kingdom), Tözün, Ismail Remzi (Turkey)	Room Barcelona
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Introducing Redapt: The solution for unmet needs in femoral revision

Speaker: Haddad, Fares (United Kingdom)

Polarcup, a versatile solution in hip revision surgery

Speaker: Fiquet, Arnaud (France)

Verilast: Don't neglect the bearing

Speaker: Davis, Edward (United Kingdom)

Dealing with bone defects in revision surgery with structure

Speaker: Parratte, Sébastien (United States)

Complex cases in revision THR

Speaker: Tözün, Ismail Remzi (Turkey)

Case study discussion: What would you do?

Mathys



Hip

INDUSTRY SYMPOSIA 12.30-14.00	OPTIMYS® SHORT STEM – FIRST CLINICAL RESULTS Moderators: Pfeil, Joachim (Germany), Siebert, Werner (Germany)	Room Helsinki
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Optimys® design & biomechanics

Speaker: Siebert, Werner (Germany)

Preoperative planning of Optimys®

Speaker: Rehbein, Philipp (Germany)

Reconstruction of the center rotation and offset with a newly designed anatomic, bone sparing short stem in Total Hip Arthroplasty. Preliminary data of 162 patients.

Speaker: Helmy, Naeder (Switzerland)

Industry Symposia

Thursday 6 June

12:30 – 14:00

2-year results of a cementless short stem
Speaker: Mai, Sabine (Germany)

Simultaneous hip replacement – A prospective clinical study of 54 patients using Optimys® short stem
Speaker: Pfeil, Joachim (Germany)

Bayer HealthCare



General Orthopaedics / complications / basic science / technology

INDUSTRY SYMPOSIA EXPERIENCE THAT COUNTS... INSIGHTS FROM THE USE OF RIVAROXABAN IN ROUTINE CLINICAL PRACTICE Room Lisbon

12.30–14.00 Moderators: Turpie, Alexander (Canada), Haas, Sylvia (Germany)

Welcome and introduction
Speaker: Turpie, Alexander (Canada)

Experience from XAMOS: What can we learn about thromboprophylaxis and anaesthesia?
Speaker: Haas, Sylvia (Germany)

Experience from XAMOS: What can we learn about thromboprophylaxis after fractures?
Speaker: Lassen, Michael Rud (Denmark)

Sharing experience... Discussing aspects of practical use of the new oral anticoagulants
Speaker: Turpie, Alexander (Canada)

Reflections and conclusions
Speaker: Haas, Sylvia (Germany)

Boehringer Ingelheim



General Orthopaedics / complications / basic science / technology

INDUSTRY SYMPOSIA PRACTICAL GUIDANCE AND REAL-WORLD EXPERIENCE WITH NOVEL ORAL ANTICOAGULANTS: OPTIMIZING USE IN ORTHOPAEDIC PRACTICE Room Florence

12.30–14.00 Moderator: Eriksson, Bengt (Sweden)

Introduction and welcome
Speaker: Eriksson, Bengt (Sweden)

Safeguarding against primary VTE: How can we optimise the use of NOACS in clinical practice?
Speaker: Rosencher, Nadia (France)

Peri-procedural protection with dabigatran etexilate: Managing anticoagulation across multiple indications
Speaker: Kyrle, Paul (Austria)

Groupe Lepine

Hip
INDUSTRY SYMPOSIA DUAL MOBILITY: A 35 YEARS FRENCH EXPERIENCE Room Nice

12.30–14.00

The key to ensure primary stability
Speaker: Hernigou, Philippe (France)

Dislocation : The main adverse event in THA
Speaker: Prudhon, Jean Lous (France)

Dual mobility : History, concept & clinical outcomes
Speaker: Ferreira, André (France)

Industry Symposia

Thursday 6 June

12:30 – 14:00

Quattro VPS : The answer you need
Speaker: Aslanian, Thierry (France)

A Colombian experience
Speaker: Perez Torres, Javier (Colombia)

Limacorporate



Hip

INDUSTRY SYMPOSIA	PATIENT'S NEEDS & HEALTH ECONOMICS. DO SHORT STEM PHILOSOPHIES HAVE A POSITIVE IMPACT?	Room Vienna
12.30-14.00	Moderators: Jerosch, Jörg (Germany), Ullmark, Gösta (Sweden)	
	Evolving hip patient demographics related to Health Economics. Does early intervention result in real advantages? Speaker: Smith, Evert (United Kingdom)	
	Total Hip Arthroplasty in younger patients. What are the key factors for fast recovery; implant or approach? Speaker: Michel, Markus (Switzerland)	
	Short stems in the modern patient. Which philosophy and when to use it? Speaker: Falez, Francesco (Italy)	
	MINIMA system. Answering to the modern trends in Total Hip Arthroplasty Speaker: Zagra, Luigi Massimo (Italy)	

Biomet



Knee osseous

INDUSTRY SYMPOSIA	KNEE SESSION – INNOVATIVE SOLUTIONS WITH MULTIPLE OPTIONS FOR SUCCESS: PROVEN TECHNOLOGIES MEETS FUTURE PATIENT SOLUTIONS	Room Madrid
12.15-13.45		
	Perfect Surgery Without Pain. Management Leads to Unhappy Patients Speaker: Thienpont, Emmanuel (Belgium)	
	The Facts After Our First 1000 Cementless Oxford Implantations Speaker: Murray, David (United Kingdom)	
	Current Treatment Options in the Oxford Speaker: Dodd, Christopher (United Kingdom)	
	State of the Art in Revision Knee Surgery Using Patient Specific Guides Speaker: Kort, N. (Netherlands)	

12:30 – 14:00

Zimmer GmbH



Polytrauma/Pelvis

INDUSTRY SYMPOSIA **EARLY INTERVENTION & INNOVATION IN KNEE AND SHOULDER ARTHROPLASTY** Room Lisbon
12.30-14.00 Moderator: Ilker, Cetin

Welcome and Introduction

State of the art in partial knee arthroplasty (ZUK + PFJ)
 Speaker: London, Nick (United Kingdom)

New approaches in unicompartmental knee arthroplasty (PSI)

Bone preserving and early intervention in shoulder arthroplasty
 Speaker: Parratte, Sebastien (France)

SANOFI



General Orthopaedics / complications / basic science / technology

INDUSTRY SYMPOSIA **THE MACI® IMPLANT – SETTING NEW STANDARDS IN CARTILAGE REPAIR** Room Florence
12.30-14.00 Moderator: Bozkurt, Murat (Turkey)

Evolving clinical and regulatory standards in cartilage repair
 Speaker: Bozkurt, Murat (Turkey)

Results of SUMMIT: MACI® implant vs microfracture, a prospective reandomised controlled study
 Speaker: Price, Andrew (United Kingdom)

Evolving standards in the manufacturing of cell-based therapies
 Speaker: Duguay, Steohen (United States)

Smith & Nephew



Trauma lower limb

INDUSTRY SYMPOSIA **INCISIONAL NEGATIVE PRESSURE WOUND THERAPY: WHEN TO USE IT, HOW TO USE IT?** Room Vienna
12.30-14.00 Moderator: Giannini, Sandro (Italy)

The use of NPWT on surgical incisions: An emerging indication
 Speaker: Giannini, Sandro (Italy)

Current thoughts on the mechanism of action of NPWT in surgical incisions: The role of seroma and haematoma reduction, wound healing acceleration and oedema reduction
 Speaker: Brem, Mathias (Germany)

Negative pressure wound therapy for incisional wounds following revision hip and knee arthroplasty – A better way of achieving predictable wound healing?
 Speaker: Karlakki, Sudheer (United Kingdom)

Industry Symposia Friday 7 June

12:30 - 14:00

Biomet



Hip

INDUSTRY
SYMPOSIA

HIP SESSION - EXCEPTION AND 2U - ALWAYS READY TO GO:
THE WORLD'S FIRST PRIMARY HIP SINGLE USE INSTRUMENTATION PLATFORM

Room Madrid

12.30-14.00

Welcome and Introduction

Speaker: Peersman, G. (Belgium)

Why Exception - Design Rationale

Speaker: Lantuejoul, J-P (France)

Why a Disposable Instrument System?

Speaker: TBC

Early Clinical Experience,

Speaker: Peersman, G. (Belgium)

Exhibitors List

EXHIBITOR NAME	SPACE CODE	EXHIBITOR NAME	SPACE CODE	EXHIBITOR NAME	SPACE CODE	EXHIBITOR NAME	SPACE CODE
7S MEDICAL AG	A38	EUROCOATING/SURFACE DYNAMICS	A69	MEDTRONIC	B23/24	- SBOT	A88A
AAP IMPLANTATE AG	A37	EUROPEAN HIP SOCIETY - EHS	A82	MEDTRONIC KANGHUI MEDICAL	A43	SOFCOT	A78A
ACF MEDIKAL ÜRÜNLER MAKINA		EUROS	C06	MERETE MEDICAL GMBH	C43A	SONOMA ORTHOPEDIC	
SAN. TIC. LTD. STI.	A53	EUROSPINE	A78B	MIKAI	A11	PRODUCTS, INC	C45B
ACUMED	A39	EVOLUTIS	A61	MOBELIFE	C07	SPINAL NEWS	A86
ADLER ORTHO SRL	A56/57	EWMA EUROPEAN WOUND		MUSCULOSKELETAL		SPRINGER-VERLAG GMBH	A33
AKRUS	A30	MANAGEMENT ASSOCIATION	A81	TRANSPLANT FOUNDATION	B02	STANMORE IMPLANTS	C26
AMERICAN ACADEMY OF		EXACTECH	B25	NEWCLIP TECHNICS	C08	STEMCUP MEDICAL	
ORTHOPAEDIC SURGEONS - AAOS	A79	EXTREMITY MEDICAL LLC	A17	NORM MEDICAL PRODUCTS/		PRODUCTS AG	A70
AMPLITUDE	C24A	F. COLOMBO SRL	C15B	OTIMED	C46A	STRYKER SA	C21-23
ANTEIS S.A.	A64	FIDIA FARMACEUTICI S.P.A.	A46	NORMED MEDIZIN-TECHNIK GMBH	C41	SURGIVAL	A22
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B. BRAUN AESCULAP	B16	FX SOLUTIONS	A65	OLYMPUS BIOTECH		APPARATUS CO. LTD	A27
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C2F IMPLANTS	A41	INION	B26	PLANMED OY	A71B	INNOVATION GMBH	A52
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CERAMTEC GMBH	B07/08	INTERNATIONAL CARTILAGE		RUDOLF MEDICAL	C14	MANUFACTURING CO., LTD.	A62
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CHM SP. ZO.O.	C11	INTRAUMA	C05B	SANATMETAL LTD.	C32-35	TORNIER	A51B
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EFORT	B03/04	MDT INT'L SA	C47	SICOT	A33D	ZIMMER GMBH	B18/19
ELECTRO MEDICAL SYSTEMS	A24	MEDACTA INTERNATIONAL	B01	SLAOT-FEDERATION	A88B		
ELİT METALURJİ	C02B	MEDARTIS	A68	SMITH & NEPHEW			
EORS (EUROPEAN ORTHOPAEDIC		MEDECINS SANS FRONTIERES	A90	ORTHOPAEDICS AG	C10		
RESEARCH SOCIETY)	A77B	MEDGAL SP. ZO.O.	C03B	SOCIEDADE BRASILEIRA			
EOS IMAGING	B06	MEDICALEX	C13	DE ORTOPEDIA E TRAUMATOLOGIA			

Exhibition Floor Plan

Level B5

A



Exhibition Floor Plan

Level B5

B



Level B5

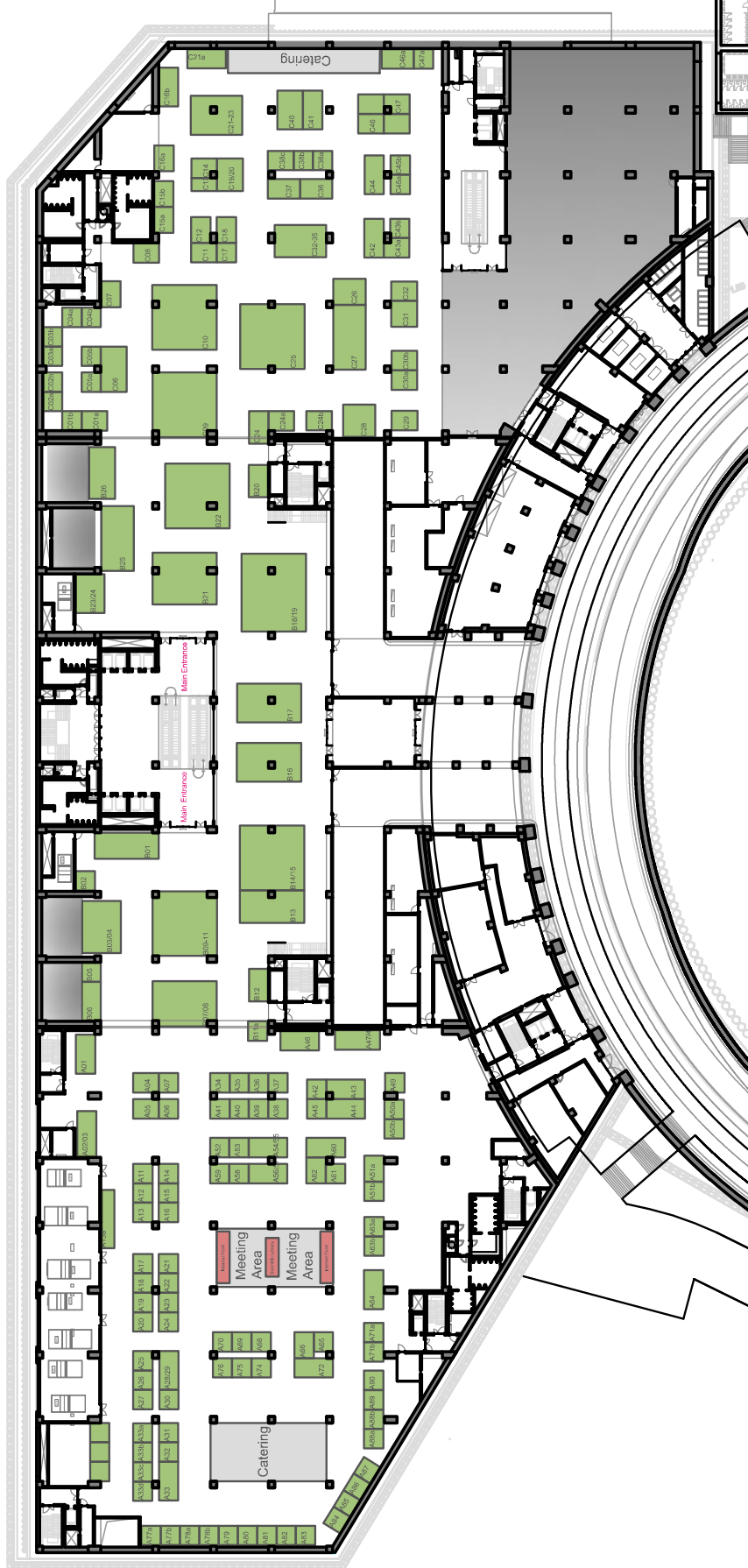
C



Level B5

Overview A, B, C

Exhibition Floor Plan



General Congress Information



Congress venue	Location	Istanbul Congress Center Taşkışla - ICC
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	Fax	+41 (21) 343 4411
	E-mail	event@efort.org
	Internet	www.efort.org
Registration desk and slide preview centre opening hours	Tuesday, 04 June	from 14.00 to 18.00
	Wednesday, 05 June	from 07.00 to 18.00
	Thursday, 06 June	from 07.00 to 18.00
	Friday, 07 June	from 07.00 to 18.00
	Saturday, 08 June	from 07.00 to 12.00
Registration fee for participants includes	Admission to scientific sessions and industry symposia Congress bag with Congress documents Opening / Award Ceremony and Welcome Reception European CME credits Certificate of attendance	
Registration fee for participants in the CRC includes	Admission to the full-day CRC course on 6 June (approx. 08.00 – 17.00) Admission to the industry exhibition (day of CRC course only) Lunch package European CME credits Certificate of attendance Participants with a CRC ticket are not granted access to other scientific sessions running on the same day. More details at: www.efort.org/istanbul2013/CRC	
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Registration fee does not include	Lunch and refreshments Hotel costs Optional tours
Abstracts	The abstracts are available on EFORTnet, the new Orthopaedics Et Traumatology Community Platform. www.efort.org
Badges	<p>All participants and accompanying persons will receive a name badge at the registration desk in the foyer of the ICC Istanbul. The badge is the official conference ID and should be worn at all times in order to gain entry to the meeting rooms and exhibition halls. A participant badge grants entry to the various elements of the scientific programme. Admission to the Congress will not be allowed without badge identification. Vouchers for courses and workshops that have been booked in advance will be handed out with the registration material.</p> <p>Each participant is asked to check when they receive their congress materials that all of the vouchers for the services they have booked are present. Later objections will not be accepted. These vouchers allow the participant to attend courses and workshops that have been booked and paid for in addition to the registration fee. Only participants who have registered for the Congress or paid for a day ticket may participate in courses or workshops.</p> <p>Please note that lost or forgotten vouchers will not be refunded. A day pass will be issued for EUR 20 if a badge is forgotten. Lost badges will be reissued for a handling and production fee of EUR 30.</p> <p>Your badge will feature a barcode containing your full address and e-mail. It is your decision whether or not you wish to disclose these details to exhibitors via barcode scanner.</p>
Bank services	<p>Banking hours: Monday-Friday 09.00 to 12.30 and 13.30 to 17.30.</p> <p>All banks are closed at weekends and on public holidays. Banks at airports, ports and shopping malls are generally open longer. There are plenty of currency exchange offices and banks at which to change your money into Turkish lira (TRY). There are also some places which accept EUR or USD for shopping. We nonetheless recommend that you change your money into TRY.</p> <p>EUR 1 = TRY 2.34 (April 2013) USD 1 = TRY 1.80 (April 2013)</p>
Certificate of attendance	All registered attendees, whether they register in advance or on site, will receive a certificate of attendance with their congress material. The certificate will be available for download on the EFORTnet platform after the Congress.
Certificate of European CME credits	The certificate of European CME credits will automatically be available online for download. Full Congress attendance entitles the participant to 21 European CME Credits (ECMECs).
Climate	The average temperature in June is around 25°C (73.4°F).

Cloakroom and storage	A cloakroom and luggage deposit located at the main entrance will be available during the official Congress schedule. The congress centre and the organisers are not responsible for any items lost or left behind.
Congress app	Download the Congress programme to your mobile device (iPhone , Android). You will be able to view the day-by-day programme, select sessions and create your own agenda. Just download the "EFORT 2013" app from the Apple App Store or Android App Market.
Congress registration	Registration is only valid if the complete fee and charges for other services have been paid in full. Registration on site is possible during the entire Congress within registration desk opening hours. Only credit cards and cash payment will be accepted for on-site registration. Valid proof of status must be presented on site when registering at lower rates.
Congress language	The language spoken in Turkey is Turkish. English is the official language of the meeting. There will be no translation.
Currency & credit cards	The currency in Turkey is the Turkish Lira, TRY. A currency conversion tool can be found online at www.oanda.com . Commonly-accepted credit cards in hotels, restaurants and shops are Visa and MasterCard. Restaurants and shops generally display signs indicating which cards they accept.
Electricity	The normal electric current in Turkey is 220 V AC / 50 Hz. Two-pin plugs and sockets are used so travellers using other systems should bring in their own adapters or transformers for electrical appliances such as hairdryers and shavers.
First aid	A first aid room is available at the congress centre. Please ask any staff member for help in case of need, or call: <ul style="list-style-type: none">• Fire: 110• Police: 155• Ambulance: 112• Coastguard: 158
Food and refreshments	Lunch and refreshments are not included in the registration fee. You can buy lunch and refreshments in several catering areas within the industry exhibition on level B5.
Industry exhibition	The industry exhibition is open to pharmaceutical companies, manufacturers of medical and surgical equipment and software, and scientific publishers. The industry exhibition is located at the Istanbul Congress Center on level B5 and will be open from 5 June to 7 June 2013, according to the session timetable.

General Congress Information

Industry exhibition opening hours	Wednesday, 5 June from 09.00 to 17.30 Thursday, 6 June from 09.00 to 17.30 Friday, 7 June from 09.00 to 16.00
Insurance	The organisers are not responsible for individual medical, travel or personal insurance. Participants and accompanying persons should arrange their own cover.
Internet connections	Workstations with an internet connection will be available during the Congress opening hours. Participants are kindly requested to limit internet usage to five minutes to allow as many participants as possible to use this service.
Liability disclaimer	The organisers cannot be held liable for any hindrance or disruption of Congress proceedings arising from political, social or economic events or any other unforeseen incidents beyond their control. The organisers will accept no liability for any personal injuries sustained or for loss or damage to property belonging to Congress participants, either during or as a result of the Congress or during any and all tours and events. With their registration, participants agree to be bound by these conditions.
Lost and found	For lost and found items, please refer to the cloakroom on site.
Speaker preview Centre in the Tophane Hall	All session rooms are equipped with computer projection. Speakers are asked to hand in their presentations for a media check at least three hours before their speech. Speakers giving presentations in the first time slot in the morning are asked to hand in their slides the day before. The Tophane Hall is located on Level B1.
Speaker preview Centre opening hours	Tuesday, 4 June from 14.00 to 18.00 Wednesday, 5 June from 07.00 to 18.00 Thursday, 6 June from 07.00 to 18.00 Friday, 7 June from 07.00 to 18.00 Saturday, 8 June from 07.00 to 11.00
Message board	There will be a message board close to the registration desk where participants can leave messages.
Mobile phones	Mobile phones are strictly prohibited during all scientific sessions.
No-smoking policy	Smoking is strictly prohibited during all meetings and sessions and in exhibition halls at all times.
Posters	Scientific posters will be displayed in the exhibition area on the mezzanine level. Posters may be set up according to the schedule that has been communicated to you prior to the congress. For questions please ask the poster help desk in the poster area. Posters should be removed on Saturday, 8 June between 10.00 and 12.00 (latest). Posters not removed at this time will be discarded.
Prayer Room	A prayer room is at your disposition on Level B3 in room Bayan Mescid.

General Congress Information

Registration on site

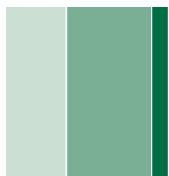
Shopping hours

The registration and information desks will be located in the main entrance hall.

Shops are open between 10.00 and 18.00 on weekdays and weekends. Shops in the city centre have extended opening hours. The main shopping streets in the centre of Istanbul are Nisantasi, Bagdat Street, and Istiklal Street. There are also numerous shopping malls all around the city that are open between 10.00 - 22.00 every day.

Time zone

Istanbul is in the Eastern European time zone (EET), which is three hours ahead of Greenwich Mean Time during summer time.

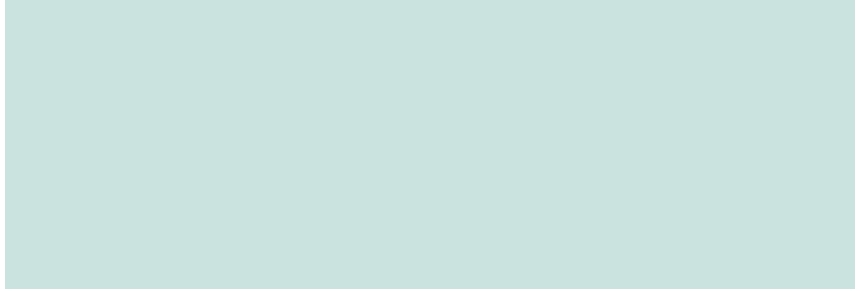


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About Istanbul



Located in the centre of the old world, this exotic city is famous for its historical monuments and scenic views. It is the only city in the world which spreads over two continents – Asia and Europe – which are separated by the narrow strait of the Bosphorus.

With a population of around 13 million, Istanbul is the third most crowded city in the world after Mumbai and Mexico. This historic city is situated on a peninsula flanked on three sides by the Sea of Marmara, the Bosphorus and the Golden Horn. The European side of Istanbul is known as Thrace, and the Asian side Anatolia. The city has 39 districts making up the metropolitan municipality.



Istanbul is adorned with the masterpieces of Turkish art, the great mosques of the sultans that crown the hills. The city presents an exquisite, majestic and serene silhouette from all directions. The Golden Horn, which is a very secure natural harbour, has played a significant role in the development of the city.

Even if you spend only a short time in Istanbul, you can still see much of its great heritage. Although renowned for its mystery and history, Istanbul is also a rapidly modernising city with a prime location – one foot in Europe and one in the Middle East. Thus Istanbul retains its fascinating differences and contradictions. Mosques coexist with churches, and remains from the Roman Empire still stand alongside ancient Hittite and Neolithic sites.



Its variety is one of Istanbul's greatest attractions. The ancient mosques, palaces, museums and bazaars reflect the city's diverse history. The thriving shopping area of Taksim buzzes with life and entertainment. And the quiet beauty of the Istanbul Strait, Princes' Islands and parks bring a touch of peace to the otherwise chaotic metropolis.

Useful link: www.visitistanbul.org

Travel information



Istanbul

Istanbul has a good public transportation network of buses, trams and underground trains. The congress venue is located in the heart of the city's business and cultural centre, allowing delegates easy access to municipal, domestic and international transportation networks.

Congress venue

Location	Istanbul Congress Center – ICC
Address	Taşkışla Street, Harbiye 34367, Istanbul/ Turkey
Phone	+90 212 373 99 00
Fax	+90 212 373 99 43
Internet	www.iccistanbul.com

Taxis

In Istanbul, taxis are yellow and are very easy to obtain either by stopping those on the streets, or by requesting one through the hotel/congress centre concierges. The meter in the car applies and charges are in TRY. Please note that credit cards cannot yet be used in all taxis.

Public transport

Public transport in Istanbul is efficient, convenient and safe, with its broad choice of options, but it can be very difficult to navigate if you do not know the language. We therefore suggest you use taxis, as they are very economically priced compared with most European cities.

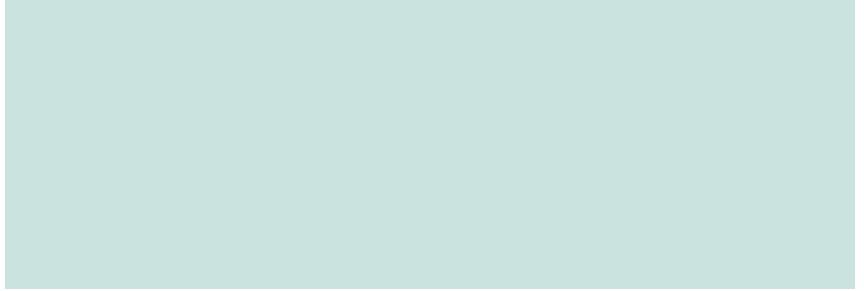
Travel to the Istanbul Congress Center

The Istanbul Congress Center is located close to the city-centre Taksim Square in the Harbiye area, and benefits from excellent transport connections.

- 23 km / 14.3 miles from Ataturk International Airport (30 minutes by taxi)
- 5 km / 3 miles from the main Sirkeci railway station, which is the terminal for the Orient Express
- 100 m from the Harbiye bus stop on the Taksim-Sisli line
- 500 m from Taksim metro station, which is linked to the city's new underground system

How to get to the airports

Istanbul has two airports: One on the European side (Ataturk Airport) and one on the Asian side (Sabiha Gökçen Airport). Both can be used but distance-wise (airport to congress centre), we would recommend Ataturk.



Istanbul Ataturk Airport

Istanbul Ataturk Airport is located 24 km southeast of Istanbul. You can use airport buses (Havas), regular buses, taxis or the underground metro system to get into the city.

- **Airport buses:**

There are buses every hour to and from Taksim for TRY 10 (EUR 4.50 as at 15 Feb 2012).

- **Bus:**

There is direct 96 T-bus connection from Istanbul Ataturk Airport to Istanbul city centre. The journey from the airport to the central station takes about 40 minutes. The bus leaves Istanbul Ataturk Airport every 50 minutes.

- **Taxi:**

The journey will cost approximately TRY 35 to TRY 45 depending on the route the driver takes, and will last about 45 minutes. Please make sure that you agree the fare with the taxi driver before you start the journey

- **Underground/metro:**

There is an underground station at the airport. The trip to the city centre involves changing twice and costs approx. TRY 5.

Sabiha Gökçen International Airport

Sabiha Gökçen International Airport is located on the Asian coast of Istanbul, 50 km southeast of the city centre.

- **Airport buses:**

There are buses every 30 minutes to and from Taksim (central Istanbul) for TRY 13.

- **Bus:**

Buses (IETT) depart from Sabiha Gökçen Airport (SAW) to central Istanbul.

- **Taxi:**

Taxis are available outside the terminal. Fares are approximately TRY 65 – TRY 80 to the centre of Istanbul.

Istanbul – City Map

