Seventh SICOT/SIROT
Annual International Conference
combined with
Swedish Orthopaedic Association (SOF)
Annual meeting
30 August – 3 September 2010
Gothenburg – Sweden
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Cody Bünger,
SICOT President

Dear Members of SOF and SICOT, Delegates and Industrial Partners,

I wish you a warm welcome to the Seventh SICOT/SIROT Annual International Conference, a combined meeting with the Swedish Orthopaedic Association (SOF). We are joined by Japan as the SICOT Friendship Nation of 2010. This year, SICOT also celebrates its 81st anniversary. SICOT has more than 100 member countries and the purpose of this meeting is to unite our forces in promoting orthopaedics at both international and national levels. Nordic Orthopaedics, especially Swedish Orthopaedics, has been a trendsetter in orthopaedic science over the last three decades. SICOT is grateful to SOF for combining the worldwide orthopaedic community experience with the outstanding Swedish academic input. The collaboration with SOF has been carried out smoothly and successfully with mutual trust and confidence. We are looking forward to SOF’s particular contribution and the opportunity to meet the large proportion of other health care professionals who work with orthopaedic surgeons in daily practice. We have also tried to add a distinct flavour to the scientific programme with a focus on evidence based medicine. The success of this meeting is reflected in the record number of over 1,800 submitted abstracts.

Thanks to the hard work of the SICOT Conference Scientific Advisory Committee (CSAC) and SOF, the programme is of outstanding interest for both experienced surgeons and trainees. I would especially like to thank Prof Björn Rydevik, Conference President, Prof Olle Svensson, SOF President, and Dr Peter Nyberg, Chairman of the SOF Organising Committee, for their collaboration.

I wish you all an extraordinary and rewarding experience in beautiful Gothenburg, Sweden.

Cody Bünger
SICOT President
Dear Conference Delegates, Exhibitors and Sponsors

It is our pleasure and honour to welcome you all to the Seventh SICOT/ SIROT Annual International Conference combined with the Annual Meeting of the Swedish Orthopaedic Association (SOF) on 31 August – 3 September in Gothenburg.

The idea of combining the annual meetings of SICOT/SIROT and SOF came up a few years ago when it was decided that the Seventh SICOT/ SIROT Annual International Conference should be held in Gothenburg. We hope that this combined effort will provide all conference participants with an interesting exposure to a wide range of topics in orthopaedics. The programme committee, with both international and national representation, has worked hard to create a scientific programme which we think is of high quality and with something of interest for everyone.

We would like to thank all members of the Local Organising Committee at the Sahlgrenska University Hospital and the Sahlgrenska Academy, University of Gothenburg for their hard work. The enthusiasm and dedication by everyone on this committee has been instrumental in the planning of all aspects of the conference. We would also like to thank Professor Cody Bünger, President of SICOT, Professor Jochen Eulert, Secretary General of SICOT, Professor Maurice Hinsenkamp, President Elect of SICOT, the staff members of the SICOT office and the staff members of the SOF office for good collaboration.

Also, we would like to extend our appreciation to the conference exhibitors and sponsors for their valuable contributions to make the conference a high-quality scientific and educational event. The programme comprises more than 400 free papers, more than 500 posters, 26 symposia, 5 Plenary Lectures and a SICOT Presidential Lecture. Moreover, there is a comprehensive programme in Swedish for orthopaedic nurses, auxiliary nurses, orthopaedic theatre nurses, occupational therapists, physiotherapists and secretaries. The social programme comprises various events which we hope will be enjoyable.

We wish you all a warm welcome to Gothenburg and hope that you will enjoy what the conference has to offer.

Kind regards,

Björn Rydevik, Conference President; Olle Svensson, SOF President; Peter Nyberg, Chairman of the Local Organising Committee; Helena Brisby, Scientific Programme Coordinator; Jon Karlsson, Chairman, Department of Orthopaedics, Sahlgrenska Academy; Magnus Karlsson, Head, Department of Orthopaedics, Sahlgrenska University Hospital
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Committees

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Björn Rydevik
Jon Karlsson
Carina Lysell
Helena Brisby
Katarina Olander Eriksson
Ingrid Höglund-Karlsson
Annette Erichsen
Helén Sandström
Ethel Andersson
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Carl Ekholm
Rune Hedlund
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Eva-Marie Sehlstedt
Ulla Engvall
Peter Herberts

Chairman & Finance Coordinator
SICOT Conference President
University of Gothenburg representative
Meeting Secretary
Scientific Programme Coordinator
Programme Book Coordinator
Orthopaedic Nurses/Auxiliary Nurses
Orthopaedic Theatre Nurses
Secretaries
Physiotherapists
Occupational Therapists
Epiphysen; bags
Art Ort
Premises; OSOS Coordinator
Social events
Website
Acta Orthopaedica
Sporting Activities
Instructional Courses
SOF Orthopaedic Examination
SOF Orthopaedic Examination
Catering; Orthopaedic Nurses/Auxiliary Nurses
Registration – lobby
SICOT National Delegate for Sweden

SICOT Conference
Scientific Advisory Committee

Maurice Hinsenkamp
Hashem Alkhatib
Wichien Laohacharoensombat
Keith Luk
Björn Rydevik
Chadwick F Smith
Tomas Trč

Chairman
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5458 cases, revision of the stem for any cause as the endpoint

Hallan G, Lie SA, Fanes E, Engesaeter LB, Vollset SE, Havlovik UJ
Medium- and long-term performance of 11,610 unremovable primary
temoral stems from the Norwegian arthroplasty register.
J Bone Joint Surg Br. 2007 Dec;89(12):1574-80

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Erica Arverud  Epiphysen Chairman

Exhibition

Arnold Persson, Traveko AB (Sweden)
Lina Salvati, Linsa Inc. (Canada)

The conference is arranged in collaboration with Congrex Sweden AB (www.congrex.com)
General Information

Conference Venue
Swedish Exhibition & Congress Centre (Svenska Mässan)
Mässans Gata/Korsvägen
SE-412 94 Gothenburg (Göteborg)
SWEDEN

Tel.: +46 31 708 80 00
Fax: +46 31 16 03 30
E-mail: infomaster@svenskamassan.se
Website: www.gcc.se

Registration Desk Opening Hours
Monday, 30 August          16.00–18.00
Tuesday, 31 August         08.00–16.30
Wednesday, 1 September    07.30–16.30
Thursday, 2 September     07.30–16.30
Friday, 3 September       07.30–12.00

The registration desk is located in the Foyer, Entrance No. 8.

Hotel and Tour Reservations
Please visit the hotel and tour reservation desk for information about hotels and tours in and around Gothenburg.
The official local agent for hotel and tour reservations is Congrex Sweden AB:
Fax: +46 31 708 60 25
E-mail: sicot.hotels@congrex.com
Badges

- Yellow Orthopaedic Surgeons and Researchers
- Lilac Secretaries
- Brown Occupational Therapists
- Orange Physiotherapists
- Light Blue Orthopaedic Nurses/Auxiliary Nurses
- Green Orthopaedic Theatre Nurses/Auxiliary Nurses

Secretariats

SICOT  Room R26
SOF    Room R10

European CME credits (ECMEC)

The ’SICOT aisbl’ is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net

The ’Seventh SICOT/SIROT Annual International Conference a combined meeting with the Swedish Orthopaedic Association (SOF)’ is designated for a maximum of XX hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Please contact the SICOT Conference Secretariat at congress@sicot.org if you need a CME certificate.

EACCME credits are recognized by the American Medical Association towards the Physician’s Recognition Award (PRA). To convert EACCME credit to AMA PRA category 1 credit, contact the AMA (www.ama-assn.org).
Floor Plan
- Swedish Exhibition & Congress Centre
City of Gothenburg

Brief history of Gothenburg (Göteborg)
Trade, shipping and international contacts have characterised Gothenburg ever since it was founded in 1621. In 1731, the Swedish East India Company began trading with the east. In the 19th century, Gothenburg became industrialised, largely due to the arrival of Scottish and English businessmen. Modern-day Gothenburg, with its wide boulevards, parks and stone buildings, was built towards the end of the 19th century. The shipyards grew large in the 20th century, but declined at the end of the 1970’s and are now transformed into residential areas and offices for people to enjoy the harbour atmosphere.

Money
Sweden’s currency is the krona. There are a hundred öre in one krona. Credit cards are accepted almost everywhere.
Cash machines (bankomat) are common and accept major credit and debit cards. They can be found in the main shopping centres, the airport and in main streets such as Kungsportsavenyn.
If you have bought an item in Sweden worth more than SEK 200, and you are flying out of the EU, you are eligible for a VAT refund. Present the goods (unused and with the price tags attached), your passport and ticket/boarding pass, Global Refund receipt and the shop receipt to customs at the airport. (www.globalrefund.com)

**Tipping**
Ten per cent of the restaurant bill or taxi fare is the usual and appreciated.

**Opening hours**
Attractions 09.00 or 10.00–17.00 or 18.00
Banks 09.30–15.30 Monday–Friday; large city branches 09.30–18.00
Shops 10.00–18.00 or 19.00 Monday–Friday, 10.00–16.00 Saturday; malls 12.00–16.00 Sunday

**Foreign exchange**
Forex is the largest foreign exchange company and is located at the airport, Kungsportsavenyn 22, the Central Station, Nordstan Shopping Centre and Kungsportsplatsen.

**Electricity**
Sweden uses 220V AC, 50Hz. Laptops from US using 110 V only will need a transformer.

**Travellers with disabilities**
Most hotels have good disabled facilities with top-end establishments providing access to all areas, including swimming pools and spa facilities. Public transports pose few problems but most trams often have one carriage which is low enough for wheel chairs.

**Tourist information**
Tourist information can be found in the following locations:
Main office: Kungsportsplatsen 2, +46 (0) 31 61 25 00, www.gothenburg.com
Branch office: Nordstan Shopping Centre, +46 (0) 31 61 25 00

**Emergency numbers**
To call an ambulance, the police or fire brigade, simply call 112.
Main police station: +46 (0) 31 114 14 (24 hours)

**Medical services**
*Emergency healthcare*
Capio Axess Akuten, Södra Allégatan 6, +46 (0) 31 425 00 50, www.capioaxessakuten.se
CityAkuten, Nordstadstorget 6, +46 (0) 31 10 10 10, www.cityakuten.se
Sahlgrenska University Hospital, +46 (0) 31 342 10 00, www.sahlgrenska.se
Emergency dental care
Tandvården Göteborg, Akut tandvården, Odinsgatan 10, +46 (0)31 80 78 00

Transportation
Taxi
We recommend that you use one of the following taxi companies:
Taxi Göteborg +46 (0) 31 65 00 00
VIP-taxi +46 (0) 31 27 16 11
Taxi Kurir +46 (0) 31 27 27 27

Tickets for trams and buses
There are several ways to buy tickets. In the area of Göteborg, Mölndal and Partille, you cannot buy tickets from the driver. Instead you need to buy your ticket from newsagents such as Pressbyrån, 7-Eleven or where the Västtrafik sign is displayed. You can also buy tickets by text message (if you have a SIM card for a Swedish mobile operator) and via credit card on board (one way).

If you are going to travel several times you can buy a short-term top-up card. This card enables you to travel wherever you want within specified areas, and as much as you want, within one or three 24-hour periods. They are valid on all Västtrafik vehicles, including all trains except the X2000. For more information on trams and buses please visit www.vasttrafik.se

Other Meetings

SICOT Meetings
SICOT General Assembly
Date Wednesday, 1 September
Time 17.45–18.45
Venue J1, Swedish Exhibition & Congress Centre
All SICOT members are invited to attend.

SOF Meetings (in Swedish)
Studierektorsmöte
Date Tuesday, 31 August
Time 09.00–12.00
Venue R4, Swedish Exhibition & Congress Centre
Contact Michael Ullman
Verksamhetschefsmöte
Date Tuesday, 31 August
Time 09.00–12.00
Venue Hjärtat, SU/Sahlgrenska
Contact Olle Svensson and Birgitta Lagerkvist

Chefssekreterarmöte
Date Wednesday, 1 September
Time 11.30–13.00
Venue R2, Swedish Exhibition & Congress Centre
Contact Helén Sandström

OSIS Årsmöte
Nätverksträff för sjuksköterskor
Date Wednesday, 1 September
Time 11.30–12.00
Venue E3, Swedish Exhibition & Congress Centre
Contact Ingrid Höglund Karlsson

SOF Årsmöte
Date Wednesday, 1 September
Time 17.45–18.45
Venue H1, Swedish Exhibition & Congress Centre
Contact Olle Svensson and Birgitta Lagerqvist
All SOF members are invited to attend

Epiphysen Årsmöte
Date Wednesday, 1 September
Time 19.00
Venue Restaurang Trägår’n
Contact Camilla Bergh

Acta Orthopaedica-lunch
Date Thursday, 2 September
Time 12.15–13.30
Venue J2, Swedish Exhibition & Congress Centre
Contact Johan Kärholm
För reviewers, författare och andra intresserade (föranmälan)
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Complications such as surgical site infection, dehiscence, or even hematoma and seroma may progress into problems for high-risk patients. The PREVANA™ INCISION MANAGEMENT SYSTEM is the first and only negative pressure product designed specifically for management of incisions at risk of post-operative complications. The Prevena™ System helps draw incision edges together and may reduce the likelihood of surgical site infection and dehiscence, while stimulating perfusion, and acting as a barrier to external infectious sources. For more information, visit www.kci-medical.com.

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Sporting Events

It is not possible to register on site for the golf and tennis events. For more detailed information about the sporting events, please contact Jan Lidström at: jan.lidstrom@vgregion.se

**Golf**

- **Date**: Monday, 30 August
- **Time**: 09.00
- **Venue**: Kungsbacka Golf Club www.kungsbackagk.se
- **Fee**: EUR 60 (excluding 25% VAT – green fee and practice balls included)

Transport by bus leaving at 08.00 will be provided from the Swedish Exhibition & Congress Centre (about 20-30 minutes transportation time).

**Tennis**

- **Date**: Tuesday, 31 August
- **Time**: 10.00-12.00
- **Venue**: Göteborgs Lawn Tennis Club (GLTK)
- **Fee**: EUR 10 (excluding 25% VAT)

Please note that the maximum number of participants for the tennis tournament is 32.

**Charity Run – 8 km**

- **Date**: Wednesday, 1 September
- **Time**: 16.00
- **Venue**: Skatås recreational area
- **Fee**: EUR 10 (excluding 25% VAT)

The meeting place is by the entrance of the Swedish Exhibition & Congress Centre at 15.00 for transport by bus to Skatås (about 10–15 minutes transportation time).
Every five seconds, someone, somewhere in the world is helped by a Medtronic product.

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Social Programme

The following events are not included in the conference registration fee (except the Closing Ceremony). If you wish to attend any of these events, please register at the registration desk.

Opening Ceremony & Welcome Reception

Date Tuesday, 31 August
Time 18.00
Venue Congress Hall, Swedish Exhibition & Congress Centre
Fee EUR 10 (excluding 25 % VAT)
Dress code Business attire or casual

The Opening Ceremony will include entertainment by the Gothenburg University Men’s Choir and the Cre8 Dance Company as well as welcome speeches. The Welcome Reception will be hosted by the City of Gothenburg and the Region Västra Götaland.

Fun Night

Date Wednesday, 1 September
Time 19.00
Venue Restaurang Trädgår'n www.profilrestauranger.se/tradgarn/
Fee EUR 25 (excluding 25 % VAT)
Dress code Casual

Join us for a casual evening which will be held in a garden located in a pleasant restaurant area in central Gothenburg. The evening will include a buffet meal and entertainment, and it will enable conference participants from around the world to get to know each other in a relaxed environment.

Presidents’ Dinner

Date Thursday, 2 September
Time 19.00
Venue Congress Hall, Swedish Exhibition & Congress Centre
Fee EUR 60 (excluding 25 % VAT)
Dress code Jacket and tie or tuxedo

The Presidents’ Dinner will be hosted by the SICOT President, Cody Bünger, the SOF President, Olle Svensson, and the Conference President, Björn Rydevik. The dinner will include top-class entertainment by the world’s number one ABBA tribute band, Waterloo, followed by dancing. Take a chance on ABBA, The Music! This event promises to be an unforgettable evening for everyone. Don’t miss it!
The next big SPLASH!

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ART ORT 2010

Welcome to a fantastic Orthopaedic Art Exhibition. Our orthopaedic coworkers with an artistic talent are showing us their work.

This will take place in the lobby at Svenska Mässan Tuesday 31st of August 2010 at 1700 outside the Congress Hall. Enjoy, admire, mingle and talk to the painters and sculptors presenting their work.

Vote for the best piece of art. Voting paper is found in the congress-bag and at the exhibition. Put your vote in the box at the exhibition.

The winning artist will be announced at the President´s dinner. There will be a price to the artist and there will also be a lottery among the voters.
### Exhibitors

#### Industry Symposia

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<th>Title</th>
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<td>Biomet</td>
<td>Signature; Patient Specific instrumentation in TKA</td>
<td>1 September</td>
<td>J1, Swedish Exhibition &amp; Congress Centre</td>
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<td><em>Emmanuel Thienpont, Cliniques Universitaires Saint-Luc, Brussels (Belgium)</em></td>
<td>12.15–13.30</td>
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<td>KCI</td>
<td>What is the value of negative pressure (wound) technology in orthopaedic surgery? Are there new developments?</td>
<td>1 September</td>
<td>F3, Swedish Exhibition &amp; Congress Centre</td>
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<td><em>Wim Fleischmann (Netherlands)</em></td>
<td>12.15–13.30</td>
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<td>Medtronic</td>
<td>Bone Grafting Options: From Ceramics to BMP's</td>
<td>2 September</td>
<td>F6, Swedish Exhibition &amp; Congress Centre</td>
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<td><em>James Stannard, Chief of Orthopaedics at the University of Missouri (United States)</em></td>
<td>12.15–13.30</td>
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### Contact Information

For information about the exhibition, please contact:

Lina Salvati
Linsa Inc. (Canada)
Tel.: +1 514 924 3476
E-mail: lsalvati@linsa.ca
Skype: ripley9423

Arnold Persson
Traveko (Sweden)
Tel.: +46 70 577 35 79
E-mail: arnold.persson@traveko.se
Website: www.traveko.se
We thank our exhibitors

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Aspen Medical Products
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Bauerfeind Nordic
Baxter Medical
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Biomet Orthopaedics
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Bristol Myers Squibb
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Brainlab Sales
Bäringen
Ceram Tec
Conformis
Convatec
Dardel Medical/Neoligaments
De Puy, Johnson&Johnson
DJO Nordic
EFORT
E.M.S.
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Fii
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Groupe Lepine
Hartmann-ScandiCare
Heraeus Medical
Huntleigh
I.T.S + Spectromed
JHInova/Albrecht
Karl Storz Endoskope
KCI
LCA Pharmaceutical
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Link Sweden
Maquet Nordic
Mediband
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Mediplast
Medi
Medirum
Medtronic
MSD
MTF
Mölnlycke Health Care
Neoligaments
Nordic Medical Supply
NordiCare
Nordic Drugs
Nova Life Medical
Orthop. Quality Registries (OQR)
OctopusLimedic
Ortotech
Osmedic
Ossano Scandinavia
Pfizer
PO Medica
Qualisys
Ratiopharm
RSA Biomedical
Sawbones Europe
Scand. Customized Prosthesis
Scanflex Medical
Sectra Imtec
Serf-Dedienne Sante
Siemens
Smith & Nephew
Solann
Solco Biomedical
SOF 2011 Karlskrona
Spenshult
Stryker
Studentlitteratur
Swemacimaging
Swedish Operating Theatre M.
Swemac Orthopaedics
Synthes
Toul Meditech
TriMed International
Wisepress
Zimmer Sweden
Össur Nordic
Awards

SOF Awards 2010
The award winners will be announced on Wednesday, 1 September at 17:45 during the SOF annual meeting.

- Sir John Charnley Award – SEK 55 000
  Sponsored by DePuy, a Johnson & Johnson Company
- Anatomica Research Award – SEK 20 000
- Link Sweden Hip Award – SEK 30 000
- SOF Studiestipendium – SEK 30 000
- Best orthopaedic thesis 2009 – SEK 100 000

Last day for application was 30 June.
Information regarding these awards can be found on the website www.ortopedi.se

SICOT Awards
SICOT President, Cody Bünger, will present all award winners with their certificates during the Closing Ceremony on Friday, 3 September. Award winners must attend the Closing Ceremony to receive their prizes.

Australian SICOT Award – Funded by the SICOT Australian section
Awarded since 2004 at each SICOT Annual International Conference and Triennial World Congress to young surgeons, the prize of AUD 3,000 is aimed to help cover the travel and accommodation expenses of a young deserving surgeon who otherwise would not be able to attend the SICOT meeting. The award is administered by the Young Surgeons Committee. Candidates must be members of SICOT under 40 years of age and must have submitted an abstract for the Conference.

Henri Bensahel Award – Sponsored by the Conference
This Award was established in 2009 in memory of Henri Bensahel, Professor of Paediatric Orthopaedics and a Founding Member of IFPOS (International Federation of Paediatric Orthopaedic Societies). The prize is EUR 500, which will be awarded at the Closing Ceremony to the best oral presentation in Paediatrics.

Lester Lowe SICOT Awards – Funded by the SICOT Foundation
Two prizes of up to USD 1,000 each and a diploma are awarded at the Closing Ceremony to trainees who are under 35 and members of SICOT. The purpose is to allow them to attend a SICOT Annual International Conference.
Perforated Screws
Augmentation for improved anchoring and shear stability in osteoporotic bone.


Dual Core & Double Lead
Optimal bone purchase.
Fast screw insertion.


SICOT Oral Presentation Awards – Sponsored by the Conference
The presenting authors of the ten best oral papers present their papers for a second time during the Best Papers Session on Friday, 3 September. The presenting authors of the three best oral presentations selected during this session are each awarded a prize of EUR 500 at the Closing Ceremony. All ten presenting authors will receive a diploma of recognition.

SICOT Poster Awards – Sponsored by the Conference
The presenting authors of the three best posters are each awarded a prize of EUR 500 at the Closing Ceremony. The presenting authors of the ten best posters will all receive a diploma of recognition.
SOF Orthopaedic Examination

Date             Monday, 30 August
Time             11.30
Venue            Orthopaedic Outpatient Clinic at Sahlgrenska University
                 Hospital/Sahlgrenska

The SOF patient based Orthopaedic Examination for specialists in Orthopaedic Surgery consists of examination of adult and paediatric patients with various disorders of the musculoskeletal system including the spine, shoulder, hip, knee, foot and the hand. The candidates have already successfully completed the written examination.

The examination is oral and assesses the candidate’s communicative skills and ability to examine patients, select investigations and propose treatment. Each candidate sees 3 patients and is evaluated by two examiners.

Chief Examiner   Li Tsai
Exam. Administrators  Rune Hedlund, Marianne Bergius
Examiners         Helena Brisby
                 Hanne Hedin
                 Johan Kärrholm
                 Lennart Landin
                 Anders Nordqvist
                 Bo Rööser
                 Olle Svensson
                 Richard Wallensten
                 Per Wessberg
                 Hans Wingstrand
                 Per Wretenberg
                 Anders Wykman
                 Kristina Åkesson

The results of the examination will be announced at the Closing Ceremony, on Friday, 3 September.
SICOT Diploma Examination

Date: Tuesday, 31 August
Time: Written 09.00–11.00
      Oral 13.00–15.00 or 15.30–17.30
Venue: Written R5+6, Swedish Exhibition & Congress Centre
      Oral: R2, Swedish Exhibition & Congress Centre

The eighth SICOT Diploma Examination consists of a written part and an oral part.

The **written part** includes 100 multiple choice questions based on the Hyperguide and lasts two hours. The subjects questioned are in the following categories:

- General Orthopaedics
- Trauma
- Paediatrics
- Pathology
- Sports Medicine
- Hand
- Basic Sciences

The **oral part**, also lasting two hours, is held on the same day. Each candidate is examined by two examiners in each of the four major subjects:

- Adult Orthopaedics and Pathology (30 minutes)
- Trauma (30 minutes)
- Paediatrics and Hand (30 minutes)
- Basic Sciences (30 minutes)

The results are announced during the Closing Ceremony on Friday, 3 September. Successful candidates are presented with a diploma.

**Chief Examiner & Exam Administrator**
Anthony J. Hall (United Kingdom)

**Chairman of the written examination**
Marc Patterson (United Kingdom)
Examiners
Stephen Abelow (United States)
Abdullah Al-Othman (Saudi Arabia)
Vane Antolic (Slovenia)
Syed Awais (Pakistan)
Andrzej Bohatyrewicz (Poland)
Patricia Fucs (Brazil)
Mahmoud Abdel Hafez (Egypt)
Maher Halawa (United Kingdom)
Anthony J. Hall (United Kingdom)
Thamer Hamdan (Iraq)
Frank Horan (United Kingdom)
Vikas Khanduja (United Kingdom)
Ian Leslie (United Kingdom)
Michael Laurence (United Kingdom)
Luis Lopez Duran Stern (Spain)
Keith D-K Luk (Hong Kong)
Marc Patterson (United Kingdom)
Marko Pecina (Croatia)
Kandiah Raveendran (Malaysia)
Alastair Ross (United Kingdom)
Maximilian Rudert (Germany)
Galal Zaki Said (Egypt)
Vijay Shetty (India)
Tomas Trč (Czech Republic)
Garnet Tregonning (New Zealand)
Gershon Volpin (Israel)
James Waddell (Canada)
Geoffrey Walker (United Kingdom)

German SICOT Fellowship – Funded by the SICOT German section
The fellowship was awarded for the first time in 2005 and is presented to the two best candidates who pass the annual SICOT Diploma Examination. The two fellows are invited to visit well-known German orthopaedic centres for a period of four weeks. Travel is organised by the German Section of SICOT. Special interests of the fellows are taken into consideration in the choice of hosting centres. The sponsorship also includes: an economy class air ticket, food and accommodation, travel expenses within Germany and an allowance up to a maximum total of EUR 2,500 per fellow.

The two candidates (who must be members of SICOT) are selected by the Board of Examiners at the end of the SICOT Diploma Examination. Besides an excellent exam result, good knowledge of the English language is the main selection criterion.

The purpose of the fellowship is to reward participants in the examination for their achievements and to give them the opportunity to meet with leading German orthopaedic surgeons.
The Orthopaedic Surgical Osseointegration Society (OSOS) seeks to foster and promote knowledge amongst health care professionals of the process by which bone attaches to metallic implants used in orthopaedic reconstructions. Long understood as the basis of dental implantology, osseointegration is the means by which orthopaedic surgical implants achieve bone anchorage without conventional stems and bone cement. The Society seeks to facilitate communication amongst physicians and scientists regarding advances in basic and clinical science applications of the principles of orthopaedic osseointegration.

In order to attain the aforementioned goals, the principal activity of OSOS has been the organisation and hosting of biennial scientific programmes to serve as a forum for the exchange of scientific information in this field. The OSOS 2010 Meeting, combined with the 7th SICOT/SIROT Annual International Conference and the Swedish Orthopaedic Association (SOF) in Gothenburg, was preceded by “Advances in Orthopaedic Osseointegration” conferences in San Francisco in September 2007 and May 2009.

The OSOS was founded by Richard J. O’Donnell, M.D. and incorporated in 2006 as a 501(c)(3) charitable, public benefit organization. Rickard Brånemark, MD, MSC, PhD serves as the current President of the OSOS. Individuals interested in joining should contact OSOS at odonnelr@orthosurg.ucsf.edu.
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OSOS Symposia – 2–3 September
Venue F1, Swedish Exhibition & Congress Centre

Thursday, 2 September
13.30–15.00 OSOS Symposium
   Chairs: Rickard Brånemark and Richard J. O’Donnell
13.30–13.35 Welcome and Introduction
13.35–13.50 The History of Osseointegration Rickard Brånemark
13.50–14.10 Osseointegration in limb salvage procedures Richard J. O’Donnell
14.10–14.30 Nano Osseointegration Peter Thomsen
14.30–15.00 Targeted Reinnervation: Development of a neural interface for artificial limbs Todd Kuiken
15.00–15.30 Coffee
(15.30–16.00 Plenary lecture: What will shape improvement in THA in the future – Technology, Technique or Training Ian Learmonth (Congress Hall))
16.00–17.45 OSOS Osseointegration Chair: Peter Thomsen
16.00–16.15 Ultra-high resolution interface analysis of retrieved osseointegrated implants Anders Palmqvist
16.15–16.30 A FEM analysis of stabilizing skin for osseointegration Todd Kuiken
16.30–16.45 Osseointegration and neural interfaces Max Ortiz
16.45–17.00 Biomechanics of transfemoral amputees fitted with osseointegrated fixation: Loading data for evidence-based practice Laurent Frossard
17.00–17.45 Instructional Course: Compressive Osseointegration Technology

Friday, 3 September
8.00–9.30 OSOS Compressive osseointegration for endoprosthetic reconstruction
   Chair: Richard J. O’Donnell
8.00–8.15 Compressive osseointegration: The experience in Belgium Ignace Samson
8.15–8.30 Compressive osseointegration of proximal femoral and diverse anatomic locations Rosanna L. Wustrack
8.30–8.45 Compressive osseointegration for distal femoral giant cell tumor reconstruction Rosanna L. Wustrack
8.45–9.00 Compressive osseointegration versus cemented stem fixation for distal femoral reconstruction: Matched cohort study with five-year follow-up Andrew C. Pedtke
9.00–9.15 The effectiveness of anti-rotation pins for the Compress® device: A biomechanical study Raffi S. Avedian
Trabecular Metal Revolution

With proven clinical results in primary, revision and reconstructive orthopedics, Trabecular Metal Technology is the Best Thing Next To Bone.
9.15–9.30  Global orthopaedics and the amputee patient *R. Richard Coughlin*
9.30–10.15  Coffee
10.15–10.45  Plenary Lecture: Ways to improve outcome in orthopaedic surgery *Tommy Hansson* (Congress Hall)
10.45–12.15  OSOS Bone anchored amputation prostheses  
Chair: *Rickard Brånemark*
10.45–11.00  Clinical experience with Endo-Exo-Prostheses *Thomas Hoffmeister*
11.00–11.10  Differences between bone anchored and traditional socket prostheses for transfemoral amputees *Eva Häggström*
11.10–11.25  Surgical aspects and case reports *Örjan Berlin*
11.25–11.35  Osseointegration on upper limb amputees. Prosthetic treatment and outcome *Kerstin Caine-Winterberger*
11.35–11.45  RSA and radiographic evaluation of osseointegrated amputation prostheses *Charles Bragdon*
11.45–12.00  Prosthetic use and mobility with transfemoral osseointegrated amputation prosthesis, results from the OPRA study *Kerstin Hagberg*
12.00–12.15  Concluding remarks *Rickard Brånemark*
Welcome to Epiphysen!

Did you know that if you are a resident trainee or newly appointed medical specialist in orthopaedics and a member of The Swedish Orthopaedic Association this automatically means that you are a member of Epiphysen.

Since the year of 2000, Epiphysen is a sub-association to The Swedish Orthopaedic Association. Epiphysen works with issues related to orthopaedic training and the daily work. We are represented on the board of The Swedish Orthopaedic Association and also in our European sister association FORTE, which is an association of young orthopaedics in Europe. We also want to be a network for members who participate in the SOF annual meetings, and during this week offer an interesting scientific programme, exciting discussions and social activities. This year we have a great opportunity to get to know other resident trainees from all over Europe!

During the combined SOF/SICOT/SIROT meeting in Gothenburg Epiphysen will present steaming fresh evidence under Hot Topics on Thursday afternoon. We plan to repeat the successful Pros and Cons where some of the leading experts will discuss orthopaedic contentious issues. We are also represented at the seminar “How to recruit – and keep – residents in orthopaedic surgery”.

On Wednesday evening Epiphysen offers members a social gathering. Don’t forget to tick the box in your registration for the meeting! We start the evening with a short annual meeting at 19.00. The board will describe our work during the past year and what is planned for next year. You will also have an opportunity to raise questions and come up with ideas for the future work in the Epiphysen. After this we will enjoy a pleasant dinner together and after that join the “Fun Night”.

Welcome to Gothenburg!

Erica Arverud
President, Epiphysen
erica.domeij-arverud@karolinska.se
Programme – Epiphysen
Thursday, 2 September

Time  16.00–17.45
Venue  H1, Swedish Exhibition & Congress Centre

Hot Topics
Moderator: Kim Stranger, Stockholm (Sweden) – Fresh scientific results from young orthopaedic surgeons.

- **Direct telemedicine**
  Alexander Börve, Sahlgrenska University Hospital, Gothenburg (Sweden)

- **Neuronal Mechanisms in Tendon Healing**
  Daniel Bring, Karolinska University Hospital, Stockholm (Sweden)

- **Vitamin D: Aspects on causes, diagnosis and bone health**
  Greta Snellman, Akademiska Hospital, Uppsala (Sweden)

Pro and Con Debate
Moderator: Erica Arverud, Stockholm, Sweden and Camilla Bergh, Gothenburg (Sweden)

- **Fixation of Hip Arthroplasty – with or without cement?**
  Nils Hailer, Akademiska University Hospital, Uppsala (Sweden)
  André Stark, Danderyd Hospital, Stockholm (Sweden)

- **Controlled fracture impaction – the safest way to go in unstable trochanteric fractures.**
  Hans Näsell, Söder Hospital, Stockholm (Sweden)
  Ola A. Olsson, Helsingborg Hospital, Stockholm (Sweden)
Instructional Courses
– Orthopaedic Surgeons and Researchers

Date: Tuesday, 31 August
Time: 09.00–12.00

1. Trochanteric Hip Fractures
Venue: F1, Swedish Exhibition & Congress Centre

Cecilia Rogmark, Malmö; Ricard Miedel, (SöS) Stockholm
cecilia.rogmark@skane.se
ricard.miedel@sodersjukhuset.se

Why do we so often see failures with “simple” and common trochanteric hip fractures? Emphasis on problem recognition, failure prevention and salvage procedures
Presentations and practical sawbone exercises. (30 participants)

Henrik Runnerström henrik.runnerstrom@stryker.com (nail) Stryker
Anders Hultman anders.hultman@synthes.com (plate) Synthes

2. Ankle Fractures
Venue: F2, Swedish Exhibition & Congress Centre

Per Olov Berntsson, Danderyd; Michael Möller, Göteborg
per.berntsson@ds.se michael.moller@vgregion.se

Why do we so often see failures with “simple” and common ankle fracture? Emphasis on problem recognition, failure prevention and salvage procedures Presentations and practical sawbone exercises. (30 participants)

Joakim Andersson joakim.andersson@smith-nephew.com Smith & Nephew
Anna Lindberg anna.lindberg@smith-nephew.com Smith & Nephew
3. The Elbow Engaging Forearm Fracture

Venue: F3, Swedish Exhibition & Congress Centre

Lars Adolfsson, Linköping; Carl Ekholm, Göteborg
lars.adolfsson@lio.se  carl.ekholm@vgregion.se

Proximal fractures of the forearm that engage the elbow joint cover a wide spectrum of fractures – from the simple olecranon fracture to the complex fracture and Monteggia equivalents.
Presentations and practical sawbone exercises. (30 participants)

Erik Hammervik  hammervik@swemac.com  Swemac
Lars Granath  granath@swemac.com  Swemac

4. Shoulder Arthroplasty

Venue: K-Aulan, SU/Mölndal Hospital

Anders Ekelund, Stockholm (S:t Göran); Mikael Etzner, Varberg
anders.ekelund@capio.se  mikael.etzner@lthalland.se

A seemingly simple procedure with several pitfalls, and in the fracture setting a demanding procedure.
Live surgery (Ekelund) (with audience interaction) and discussion (40 participants)

Maria Maistedt  mmaistedt@its.jmj.com  DePuy
5. ACL-reconstruction using different surgical procedures with focus on the double-bundle technique

Venue: J1, Swedish Exhibition & Congress Centre

Juri Kartus, Uddevalla (NU); Jon Karlsson, Göteborg
juri.kartus@vgregion.se  jon.karlsson@vgregion.se

Technical considerations and discussion. A film is specially prepared for this tutorial.
(40 participants)

6. Arthroscopic procedures in gleno-humeral instability

Venue: V-Aulan, SU/Mölndal Hospital

Anders Nordqvist, Malmö; Vahid Hamidy, Göteborg
anders.c.nordqvist@skane.se  vahid.hamidy@vgregion.se

Technical considerations and discussion. A film is specially prepared for this tutorial.
(40 participants)

7. Cementing Techniques in Hip Arthroplasty

Venue: G4, Swedish Exhibition & Congress Centre

André Stark, Stockholm (Danderyd), Nils Hailer, Uppsala
andreas.stark@ds.se  nils.hailer@akademiska.se

Cemented hip arthroplasty
Presentations and practical sawbone exercises with evaluation (30 participants)

Hans Wallin  hans.wallin@biomet.com  Biomet
8. Hindfoot Osteotomies

Venue: F4, Swedish Exhibition & Congress Centre

Martin Ålund, Göteborg; Bertil Romanus, Göteborg
martin.alund@vgregion.se
bertil.romanus@vgregion.se

Hindfoot osteotomies are common in the treatment of hindfoot varus and valgus deformities of different ethiologies. The purpose of this instructional course is to present the different indications, the operative planning and the effects of these osteotomies on foot biomechanics.

Presentations and practical sawbone exercises. (30 participants)

Jenny Holmer jhm@nordicmedicalsupply.com NMS

9. TEN-nailing in Paediatric Fractures

Venue: F5, Swedish Exhibition & Congress Centre

Johan Nathorst-Westfelt, Göteborg; Per-Mats Janarv, Stockholm;
Torsten Backteman, Göteborg
johan.nathorst-westfelt@vgregion.se per-mats.janarv@karolinska.se
torsten.backteman@vgregion.se

Treatment of fractures with TEN-nails with emphasis on technical aspects.

Presentations and practical sawbone exercises.

Anders Hultman anders.hultman@synthes.com Synthes
Maximum flexion with polyethylene protection. CR150. No compromise.

The extended posterior geometry of the Sigma® CR150 femoral component is designed to minimize contact stress and maintain polyethylene protection in high flexion.

With subito® stable XDR polyethylene inserts and highly polished cobalt chrome stems, the Sigma® CR150 provides a high function, low wear implant matching the increased activity level of today’s younger, more demanding patients.

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companies of Johnson & Johnson
never stop moving™
10. Conservative vs percutaneous vs open surgical treatment of thoracolumbar fracture

Venue: F6, Swedish Exhibition & Congress Centre

Rune Hedlund, Göteborg; Claes Olerud, Uppsala
rune.hedlund@vgregion.se claes.olerud@akademiska.se

The course will discuss the indications and timing of conservative and surgical treatment of thoracolumbar fracture, and also present the new technique of percutaneous fixation. The workshop includes hands on training in decompression and reduction techniques and pedicle screw fixation.
Presentations and practical sawbone exercises. (30 participants)

Arne Holm arne.holm@medtronic.com Medtronic
Annica Forslund Nilsson forslund-nilsson.annica@synthes.com Synthes

11. Periprosthetic fractures of the femur

Venue: H1, Swedish Exhibition & Congress Centre

Pelle Berg, Uppsala; Markus Kuster, Switzerland
per.berg@akademiska.se markus.kuster@kssg.ch

The course will discuss classification of these fractures, describe modern treatment options and provide solutions for the difficult cases.
Presentations and practical sawbone exercises. (30 participants)

Mats Lindberg mats.lindberg@zimmer.com Zimmer (NCB)
Anders Hultman anders.hultman@synthes.com Synthes (LCP)
Perfectly adapted to its environment.

The C.F.P.® stem is designed to exist in perfect harmony with the anatomy and physiology of the human hip. Preservation of the femoral neck ensures forces are transferred to the strongest part of the proximal femur, without compromising the patient’s natural gait. The C.F.P.® hip has been in routine clinical use for over 10 years with proven excellence in more than 25,000 cases. For more than 40 years, we have been developing and manufacturing joint implants from a single source in Germany – setting us apart from the rest.

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LINK SWEDEN AB · www.linksweden.se · link.sweden@linksweden.se

· Anatomical stem design
· Femoral neck preservation

Regaining Quality of Life.
**Instructional Courses**

- **Orthopaedic Theatre Nurses (in Swedish)**


**12. Platt- och skruvfixation av distala femurfrakturer**

Hans Granhed, Göteborg

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<th>Tid</th>
<th>tisdag 31 augusti kl. 8.30–10.00</th>
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**13. Märgspikning, tibia**

Mikael Sundfeldt, Göteborg

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<td>Smith &amp; Nephew</td>
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**14. Modern cementeringsteknik**

Göran Garellick, Göteborg

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Symposia – Tuesday, 31 August

13.30–15.00 JOA: Joint Preserving Operations & “Osteotomies” for Adult Hip Diseases Congress Hall

Moderators: Seiya Jingushi and Yukiharu Hasegawa (Japan)

- Transtrochanteric rotational osteotomy for osteonecrosis of the femoral head Takahashi Atsumi (Japan)
- Intertrochaneric curved varus osteotomy for osteonecrosis of the femoral head Yukiharu Hasegawa (Japan)
- Transposition osteotomy of the acetabulum for coxarthrosis due to acetabular dysplasia Seiya Jingushi (Japan)
- Rotational acetabular osteotomy for coxarthrosis due to acetabular dysplasia Yuji Yasunaga (Japan)

13.30–15.00 SOTS: Evidence based trauma orthopaedics F2

Moderator: Kenneth Jonsson (Sweden)

Sune Larsson, Johan Scheer, Jan Tidemark, Michael Sundfeldt, Anders Eklund (Sweden)

13.30–15.00 Senior orthopaedic surgeons: The History and Benefit of Total Joint Replacement Registries F1

Moderator: Bertil Romanus

- Knee: Lars Lidgren, Hip: Peter Herberts, Ankle: Anders Henricson, ICLH: Bertil Romanus (Sweden)

15.30–17.00 Rickets under the sun of Africa G4

Moderators: Jochen Eulert and Christa Kitz (Germany)

- Rickets in Nigeria – Incidence, clinics and intervention in children and adolescents Christa Kitz (Germany)
- Genetics and Gene-Environment Interactions Franz Jakob (Germany)
- Climate and soil conditions as key factors for rickets: the role of changing environment Barbara Spohnholz & Lena Hartmann (Germany)
- Orthopaedic surgery in severe cases of rickets Peter Raab (Germany)
- Round table discussion and call to action
- Summary and conclusions Jochen Eulert and Franz Jakob (Germany)
**Symposia - Wednesday, 1 September**

**08.00–09.30 Trauma – Proximal femoral fractures**

Moderators: Vilmos Vécsei (Austria) & Nikolaj Wolfson (United States)

- Pipkin-Fracture Tomas Braunsteiner (Austria)
- Treatment & Outcome of surgical fixation of subcapital fractures of the femur by cannulated screws Gershon Volpin (Israel)
- Prosthetic replacement after femoral neck fracture – Total- or Hemiarthroplasty? James Waddell (Canada)
- Sliding plate or intramedullary nail? Peter Biberthaler (Germany)
- Subtrochanteric Fractures Reinhard Schnettler (Germany)
08.00–09.30 Biomaterials
Novel Strategies in Biomaterials and Regenerative Medicine
Moderator: Peter Thomsen (Sweden)
- Nanotechnology Sam Stupp (United States)
- Bioceramics Chang Jiang (China)
- Cartilage cell biology and regeneration Anders Lindahl (Sweden)
- Novel bioceramics for delivery of cells and molecules Håkan Engqvist (Sweden)

10.45–12.15 Improvement of knee prosthetic surgery
Recommendations based on experience from the Nordic registers
Moderator: Lars Lidgren (Sweden) – Introduction – Pros and cons TKA
- Early complications in knee arthroplasty in Norway – for improvement? Ove Furnes (Norway)
- Early complications in knee arthroplasty in Sweden – Can we do better? Martin Sundberg (Sweden)
- Prevention of knee prosthetic infection - What’s the evidence? Es Jämsen (Finland)
- The learning curve and the influence of surgical volume on outcome Otto Robertsson (Iceland)

10.45–11.30 Treatment of fractures in the osteoporotic spine
Moderator: Paul Gerdhem (Sweden)
- Pharmacological treatment and conservative treatment of spine fractures in the osteoporotic patient Kristina Åkesson (Sweden)
- Vertebroplasty and kyphoplasty: current evidence Mikkel Andersen (Sweden)
- Indications for surgical treatment in patients with osteoporotic spine fractures Bengt Sandén (Sweden)

13.30–15.00 Lessons from the Swedish Hip, Knee & Spine National Quality Registers
Moderator: Per Wretenberg (Sweden)
Johan Kärrholm, Göran Garellick, Martin Sundberg, Björn Strömqvist (Sweden)
16.00–16.30 Arthroplasty Registers – The International Perspective

Moderator: Johan Kärrholm (Sweden)
- The clinical significance of National THA Registries – What can we learn? Henrik Malchau (United States)
  (followed by free papers)

16.00–17.45 Injury Prevention – A Focus on Cross-Border

Moderators: Günther Lob (Germany) & Carl Haasper (Germany)
- Current concepts of cross border air rescue and transport in the European Union Matthias Ruppert (Germany)
- Exhibitions – a tool for child injury prevention. Models and experiences made by Safe Kids Worldwide Stefanie Märzheuser (Germany)
- thinkAUTO – Indo-German cluster development initiative dedicated to urban road safety Uli Schmucker (Germany)
- Improving health services for long-distance truck and bus drivers – the European Initiative DocStop Uli Schmucker and Dieter-Lebrecht Koch (Germany)
- Capabilities of Driver Assistance Systems in Accident Scenarios. An interdisciplinary interconnection analysis based on real accident data used as approach for the potential evaluation of driver assistance systems Stefanie Weber (Germany)
- Bicycle helmets – Need for a European helmet legislation? Christian Juhra (Germany)

16.00–17.45 The stiff shoulder/elbow

The malunited stiff shoulder
Moderator: Anders Ekelund (Sweden)
- Idiopathic frozen shoulder Anders Nordqvist (Sweden)
- Stiffness after soft tissue reconstruction Schwan Khoschnau (Sweden)

The stiff elbow
Moderator: Lars Adolfsson (Sweden)
Carl Ekholm, Mikael Etzner (Sweden)
16.00–17.45 SOF/IFPOS: Infections in Paediatric Orthopaedics

Moderator: Hanne Hedin (Sweden) – Detailed programme from IFPOS Symposium

- Neonatal infections Henrik Düppe (Sweden)
- Infections of the spine David Aronsson (United States)
- Infections simulating tumors John P. Dormans (United States)
- Late sequelae of infections Patricia Fucs (Brazil)
- Infections in bone and joints caused by tuberculosis and fungi – treatment George Thompson (United States)

Symposia – Thursday, 2 September

08.00–09.30 EFORT-symposium

Musculoskeletal polytrauma

Congress Hall

Moderator: Karl-Göran Thorngren (Sweden)

- Epidemiology and WHO initiative Karl-Göran Thorngren (Sweden)
- High energy polytrauma Jerôme Tornetti (France)
- Damage control, trauma checklist Pierre Hoffmeyer (Switzerland)
- Low energy polytrauma Pierre Hoffmeyer (Switzerland)

10.45–11.30 The Achilles tendon: Update on treatment of ruptures, late ruptures and tendinosis

H1

Moderator: Jan Lidström (Sweden)

Karin Grävare Silbernagel, Jön Karlsson, Katarina Nilsson-Helander (Sweden)

10.45–12.15 JOA-symposium – Surgical treatment for primary spinal infection

Congress Hall

Moderator: Katsuji Shimizu (Japan)

Co-Moderator: Manabu Ito (Japan)

- Clinical and radiological outcome of surgery for pyogenic and tuberculous spondylitis – comparison between surgical techniques and between disease types Hiroshi Miyamoto (Japan)
- Anterior debridement and fusion followed by posterior pedicle screw fixation in infectious spondylitis Masato Tanaka (Japan)
• Two-stage (posterior and anterior) surgical treatment using posterior spinal instrumentation for pyogenic and tuberculous spondylitis associated with spinal column instability and/or neurological deficit Kei Miyamoto (Japan)
• Effectiveness and limitation of endoscopic debridement and irrigation for spinal infections Manabu Ito (Japan)

10.45-12.15 How to recruit – and keep – residents in orthopaedic surgery
Moderator: Cecilia Rogmark (Sweden)
Marie Wedin, Ilka Kamrad, Lennart Landin, Eva Pontén (Sweden)

13.30-15.00 Osseointegration & Amputation Prostheses
(please see page 33)

15.30-17.45 OSOS
(please see page 33)

16.00-17.45 Epiphysen

Hot Topics
Moderator: Kim Stranger (Sweden) – Fresh scientific results from young orthopaedic surgeons.
• Direct telemedicine Alexander Börve (Sweden)
• Neuronal Mechanisms in Tendon Healing Daniel Bring (Sweden)
• Vitamin D: Aspects on causes, diagnosis and bone health Greta Snellman (Sweden)

Pro and Con Debate
Moderator: Erica Arverud and Camilla Bergh (Sweden)
• Fixation of Hip Arthroplasty – with or without cement? Nils Hailer and André Stark (Sweden)
• Controlled fracture impaction – the safest way to go in unstable trochanteric fractures. Hans Nåsell and Ola A. Olsson (Sweden)
Nu kan du förebygga tromboser effektivare \(^1\)

med tablett

istället för spruta \(^1\)

Xarelto är effektivare än enoxaparin och reducerar signifikant risken för en kombination av symptomatisk VTE och död efter total knä- eller höftledsplastik \(^1\)

Xarelto har lika god säkerhetsprofil som enoxaparin avseende blödning.\(^1\)

Xarelto – en tablett en gång om dagen ges postoperativt, i två veckor efter total knäledsplastik och i fem veckor efter total höftledsplastik.

Xarelto (rivaroxaban) är ett antikoagulantia \(℞\), F f , (B01 AX06).
Indikationer: Förebyggande av venös tromboembolism (VTE) och död efter total knä- eller höftledsplastik \(^1\)


Symposia – Friday, 3 September

08.00–08.30 Fragility Fractures in Orthopaedics
Moderator: Kristina Åkesson (Sweden)
(followed by free papers)

10.45–12.15 Natural Disasters & Orthopaedic Surgery
Moderator: Maurice Hinsenkamp (Belgium)

- Study of Musculoskeletal Injuries of Pakistan Earthquake 2005
  Syed Awais (Pakistan)
- Haiti Earthquake Bernard Nau (Haiti)
- Mission de Haiti: MSF-Belgium/SICOT collaborative efforts at Choscal Hospital, Port-au-Prince Nanjundappa Harshavardhana (United Kingdom)
- MSF emergency response to the Haiti earthquake. A focus on surgical activities Luis Riddes (Sweden)
- Management of the earthquake related orthopaedic injuries: my Haiti experience Nikolaj Wolfson (United States)
- Access to surgical care in disasters is crucial Meena Cherian (Switzerland)

10.45–12.15 Smoking & Orthopaedic surgery
Moderator: Olle Svensson (Sweden)
Introduction: Olle Svensson
Clinical Evidence: Johanna Adami (Sweden)
Pathophysiology and tobacco addiction: David Warner (USA)
Patient preferences and staff experience: Hanne Tønnesen (Denmark)
Swedish launch: Göran Modin (Sweden)
Concluding remarks: Olle Svensson
Plenary Speakers

We are pleased to announce that the following internationally renowned orthopaedic surgeons will be delivering plenary lectures during the Conference.

Mohit Bhandari

“Evidence-based orthopaedics: how far have we come?”

Date: Tuesday, 31 August
Time: 13.00–13.30
Venue: Congress Hall, Swedish Exhibition & Congress Centre

A University of Toronto graduate in Medicine, Dr Mohit Bhandari completed both his orthopaedic and Master’s of Clinical Epidemiology and Biostatistics training at McMaster University. To broaden his clinical trauma exposure, he trained with world experts in Los Angeles, California, and Minneapolis, Minnesota. Dr Bhandari’s clinical interests include the management of patients with complex lower extremity fractures and fractures of the pelvis and acetabulum.

He has received international recognition for his research efforts including a nationally recognised Canada Research Chair in Musculoskeletal Trauma – the only chair of its kind in Canada. Dr Bhandari has also received the Edouard J. Samson Award for a Canadian orthopaedic surgeon with the greatest impact on research in the last 5 years, the Founder’s Medal for Research, and Randomized trial Mentoring Award from the Canadian Institutes of Health Research. Over the past 5 years, Dr Bhandari has published hundreds of peer-reviewed papers across top medical and orthopaedic journals including JAMA, BMJ, CMAJ, and the Journal of Bone and Joint Surgery-American. He currently holds funding from the National Institutes of Health and Canadian Institutes of Health for large multicentre trials of tibial fracture management. To this end, he has received over 10 million dollars in research funding in the past 5 years.

Most regard Dr Bhandari as the foremost authority in the translation of orthopaedic research to clinical practice (evidence-based orthopaedics). He currently holds the position of Section Editor for Evidence-Based Orthopaedic Surgery in the Journal of Orthopaedic Trauma. Dr Bhandari holds a PhD in orthopaedics at the University of Gothenburg since June 2010.

He attributes his success to the continued mentorship and collaboration of Professor Gordon Guyatt, members of the CLARITY research group at McMaster University and orthopaedic surgeons across North America.
Shinichi Kikuchi

“International collaboration beyond the culture gap”

Date Wednesday, 1 September
Time 10.15–10.45
Venue Congress Hall, Swedish Exhibition & Congress Centre

Dr Shinichi Kikuchi graduated from Fukushima Medical University in 1971. He studied as a clinical research fellow of Dr Ian Macnab, Professor of the University of Toronto, Canada (1977-1978). He was Professor and Chairman of the Department of Orthopaedic Surgery, Fukushima Medical University (1990-2008) and he is now the President of the University.

His main field is spine surgery. He has presented many papers at the International Society for the Study of the Lumbar Spine (ISSLS) meetings and published in the Journal of Spine. He has more than 100 published articles and is now the Deputy Editor of Spine. He received the Volvo Award in 2000 and the ISSLS Prize in 2003 for low back pain at the ISSLS meeting. He was the President of ISSLS in 2005-2006.

He is one of the leaders in the field of Japanese spine surgery. Currently he is the President of the Japanese Spine Surgery and Related Research Society. He has contributed to the clarification of pathomechanism of low back pain with the technique of nerve root block, which includes basic and clinical research.

He has promoted international collaboration and performed collaboration research with Gothenburg University of Gothenburg, Sweden, and University of California San Diego, United States, for a long time. This collaboration has brought many excellent papers, especially on chemical factors for lumbar disk herniation and pathomechanism of radicular pain.
Steven R. Garfin
"Spinal motion sparing: is it here to stay?"

Date    Thursday, 2 September
Time    10.15–10.45
Venue    Congress Hall, Swedish Exhibition & Congress Centre

Steven R. Garfin, MD, is Professor and Chairman of the Department of Orthopaedics at the University of California. Additionally, Dr Garfin holds hospital positions at the University of California, San Diego Medical Center, and the La Jolla Veterans Administration Hospital.

At the University of Minnesota, Dr Garfin earned a Medical Degree and was honoured with the Alpha Omega Alpha Society award. Dr Garfin’s internship in surgery was at the University of California, San Diego as was his orthopaedic surgery residency. As an orthopaedic resident, he received the Zimmer-McCoy Residency Award and the Alfred V. Bateman Resident Anatomy Award. Dr Garfin’s fellowship in disorders of the spine was at Pennsylvania Hospital under Drs R.H. Rothman and F.A. Simeone.

Since his Fellowship, Dr Garfin has been recognised for numerous awards including: Volvo Award for Research from ISSLS (x2), AcroMed Research Award of the North American Spine Society (x2), the Cervical Spine Research Society Research Award (x2), and the Orthopaedic Research Society New Investigator Recognition Award. More recently, the North American Spine Society awarded Dr Garfin the Wiltse Award for Leadership in the Field of Spine, and the Selby Award for contributions to NASS. Also, Dr Garfin’s research interests have earned many grants by leading medical research institutes, societies, and companies.

Dr Garfin is a member of the following professional societies: the American Academy of Orthopaedic Surgeons, American Orthopaedic Association, Cervical Spine Research Society, International Society for the Study of the Lumbar Spine, North American Spine Society, the Orthopaedic Research Society, and the Spinal Arthroplasty Society. For several of these societies Dr Garfin has played active roles as society President, Board Member, and Programme Chairman.

Dr Garfin’s impressive published research and writing include: author of nine books, 123 book chapters, 255 peer-reviewed journal articles, and 132 abstracts. Additionally, Dr Garfin has written five reviews, one magazine article, and was editor of eight focus journals. Currently, Dr Garfin is Deputy Editor of Spine and is a Reviewer for the Journal of Orthopaedic Research, Journal of American Medical Association, Spine, and Clinical Orthopaedics and Related Research. This very active and prolific doctor is also committed to education; he has presented over 450 lectures and over 80 exhibits at professional medical meetings.
Ian Learmonth

“What will shape improvement in THA in the future – Technology, Technique or Training?”

Date Thursday, 2 September
Time 15.30–16.00
Venue Congress Hall, Swedish Exhibition & Congress Centre

Prof Learmonth qualified MBCHD at Stellenbosch in 1970, obtained the FRCS and FRCS (Ed) in 1976, and the FCS (SA) (Orth) in 1980. He was an ABC travelling fellow to North America 1982. Initially he practiced as a “rheuma-surgeon”, while for the past two decades he has confined his practice to reconstructive and replacement surgery of the major joints of the lower limbs. He was appointed Pieter Moll and Nuffield professor of orthopaedic surgery at the University of Cape Town in 1990. In 1994 he moved to the UK as Professor and Head of the Department of Orthopaedic Surgery at the University of Bristol.

He established and became Director of the Bristol Implant Research Centre (BIRC), which focused on investigation of the biomechanical and biological issues relevant to total joint replacement. Numerous key publications have flowed from the BIRC laboratories. He has been involved in the design and development of several innovative hip prostheses in association with major orthopaedic companies.

Prof Learmonth has authored three books and published extensively in peer review journals. He has presented numerous papers at scientific meetings around the world and has given many presidential and eponymous lectures. He is now an Emeritus Professor at the University of Bristol and is an Honorary Professor at the Department of Mechanical Engineering at the University of Bath and in the Orthopaedic Department at the University of Aristotle, Greece.

He has served in various capacities on a number of research and educational committees. He has greatly enjoyed the opportunity of interfacing with so many of his colleagues in the global fraternity of orthopaedic surgeons. Above all, however, he is keenly aware of the great privilege and professional fulfilment provided by being able to alleviate the chronic pain and suffering of patients suffering from arthritis.

He is married to Genevieve and has two children, Suzie and Sean. He enjoys sport, travel, outdoor activities, hiking and wildlife.
Tommy Hansson

“Ways to improve outcome in orthopaedic surgery”

Date  Friday, 3 September
Time   10.15–10.45
Venue  Congress Hall, Swedish Exhibition & Congress Centre

Tommy H. Hansson, M.D., PhD. is professor in Work Orthopaedics at the Department of Orthopaedics, Sahlgrenska University Hospital, and Sahlgrenska Academy, University of Gothenburg, Sweden.

He defended his PhD thesis, The bone mineral content and biomechanical properties of lumbar vertebrae, in 1977. From 1982 to 1983 he spent a year as a research fellow at the Department of Orthopaedics, University of Washington, United States. He became head of the unified departments of Orthopaedics, Rheumatology and Hand Surgery in 1989. In 1990 he was appointed full professor and the first holder of a chair in Work Orthopaedics in 1992. 2004 he was elected Vice Dean of the Medical Faculty, University of Gothenburg. His research has been mostly focused on spinal disorders ranging from experimental biomechanical studies of bony tissue, ligaments and the disc, to experimental animal model studies on the physiology of the loaded intervertebral disc, muscular response to load and reflex activation of muscles, to invasive studies in humans of spinal kinematics during loading, vibration and repetitive loading to cohort and RCT studies of the cause and treatment of back problems, spinal compression fractures, central spinal stenosis, work inability, and cost effectiveness of back treatments.

Since 2004 he has been a member of the Scientific Board of the Volvo Research and Educational Foundation. He has published almost 200 peer reviewed articles and numerous book chapters and been a frequently invited lecturer around the world. He has received the Volvo Award and the ISSLS Prize on low back pain research at three occasions. In 1991 he received the Kappa Delta Award for Outstanding Orthopaedic Research from the American Academy of Orthopaedic Surgeons.
Mikael Andersson (in Swedish)
"Armlös och benlös, men inte hopplös"

Date Wednesday, 1 September
Time 13.00–14.00
Venue Congress Hall, Swedish Exhibition & Congress Centre

Mikael har varken armar eller ben men trots sitt handikapp har han med en oerhört stark vilja lyckats med det omöjliga. Han berättar om sitt eget sätt att angripa problem och övervinna självskapade begränsningar och hur det gradvis har förändrat hans livssituation inom många olika områden. Han säger: ”Av tio saker man prövar så fungerar två. Då kan man välja att se det som åtta misslyckanden. Eller också som två segrar”.

More than 3,000,000 patients have already received V.A.C.® Therapy.

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Oral presentations

All speakers are asked to hand in their presentation on a USB stick to the speaker preview room, at the very latest one hour before the session in which the presentation is scheduled to take place. The organisers cannot guarantee projection of presentations handed in later on.

The speaker preview room is located opposite the registration desk in the Congress Lobby at the Swedish Exhibition & Congress Centre (Svenska Mässan), and will be open during conference hours.

Computers will be available in the speaker preview room for last-minute changes. The technicians will make sure that your presentation will be visible in the correct session hall. All session halls have a technician to assist you and are equipped with a laptop (PC) for power point projection. **Speakers will not be allowed to use their own laptops during their presentations.**

At the beginning of their presentation, all speakers must state to the audience that they are aware of and have disclosed any potential conflicts of interest or support that might cause a bias in their presentation.

Posters

The poster exhibition is located directly between the session halls and the exhibition area.

You are kindly asked to mount your poster on **Tuesday, 31 August** from 10:00 onwards. The posters will be on display throughout the Conference.

The size of the poster boards is 120 x 90 cm (height x width). Please mount your poster on the assigned poster board marked with your poster number (abstract number). Poster-mounting material for the poster boards will be provided in the exhibition area.

Please make sure you remove all poster-mounting material from the board after the Conference. The Swedish Exhibition & Congress Centre will dispose of all posters that have been left behind. The Conference organisers decline any responsibility for the condition of posters not removed by the presenters and no poster will be forwarded to presenters after the Conference.

Certificates of presentation will be provided by email upon request AFTER the Conference. If you wish to receive a certificate, please send an email to congress@sicot.org after Monday, 13 September 2010. Only **ONE certificate will be issued per abstract.**
Programme – Secretaries (in Swedish)

Date: Tuesday, 31 August
Venue: F3, Swedish Exhibition & Congress Centre

10.30–12.15 Registrering inkl. lunch
12.30–12.45 Inledning Helén Sandström, Carina Lysell
13.00–14.00 *Sjukvården i Nepal Hans Granhed Hans Granhed Lokal: F5
14.15–15.15 Kodning Gunnar Henriksson, Olafr Steinum
15.15–15.45 Kaffe
15.45–16.45 Barnortopedi Ragnar Jerre
17.00–18.00 Art Ort vid registreringsområdet
18.00– Opening Ceremony and Welcome Reception

* 13.00-14.00 Gemensamt för sekreterare och operationssköterskor

Programme – Secretaries (in Swedish)

Date: Wednesday, 1 September
Venue: F3, Swedish Exhibition & Congress Centre

08.30–09.30 Multitrauma Hans Granhed
09.30–10.00 Kaffepaus
10.00–10.50 Ortopedi Direkt Helén Sandström, Lisa Nilsson, Marielle Dellkvist
11.00–12.00 **Ortopedisk tumörkirurgi Peter Bergh Lokal F5
12.00–13.00 Lunch
OBS! Chefssekr.möte mellan 11.30–13.00 Lokal: R2
13.00–14.00 *Inspirationsföreläsning: Armlös o benlös, men inte hopplös Mikael Andersson Lokal: Congress Hall
14.00–14.30 Kaffepaus
14.30–15.30 Diabetesfötter Martin Ålund, Susanne Asteberg
15.45–16.45 IT i vården Alexander Börve
19.00– Fun Night på Trädgår’n

* 13.00–14.00 Gemensamt för sekreterare sjukgymnaster, arbetsterapeuter, sjuksköterskor/undersköterskor och operationssjuksköterskor
** 11.00-12.00 Gemensamt för sekreterare och operationssköterskor
Give us your worst. We’ll give you our best.
Programme – Secretaries (in Swedish)

Date:  Thursday, 2 September
Venue:  F3, Swedish Exhibition & Congress Centre

08.30–09.10  Benförlängning Mikael Sundfeldt
09.15–10.15  Osseointegration Örjan Berlin
10.15–10.45  Kaffepaus
11.00–11.15  Överlämning Karlskrona
11.15–12.15  Engelska i arbetet Elisabeth Legl
12.15–13.15  Lunch
Variable Angle LCP Two-Column Volar Distal Radius Plate 2.4 mm. Fragment-specific fracture fixation with variable angle locking technology.

Stable and flexible fixation, also in osteoporotic bone
- Holes allow either pre-defined angulation, or up to 15° off-axis angulation of locking screws/pegs in all directions.
- Choice of cortical or locking screws proximally.

Minimized soft tissue irritation
- Anatomic fit close to the volar ridge
- Highly polished smooth edges
- Choice of stainless steel or titanium
Occupational Therapists
Programme – Occupational Therapists
(in Swedish)

Date: Tuesday, 31 August
Venue: J2, Swedish Exhibition & Congress Centre

10.45–11.45 Registrering
11.45–12.30 Lunch
12.30–13.00 * Inledning. Eva Beckung, leg sjukgymnast, professor, Göteborgs
13.00–13.30 * Betydelsen av fysisk aktivitet för bentäthet och bengeometri, Martin Nilsson, leg sjukgymnast, med dr
http://hdl.handle.net/2077/21868
13.30–14.00 * Sahlgrenska Universitetssjukhusets Hip score
Maria Edvinsson, leg sjukgymnast
14.00–14.30 Kaffe
14.30–15.00 * Fallprevention. Anna Sarbinowska, Leila Bessa
15.00–15.30 * Balans hos äldre efter höftfraktur,
Margareta Svensson, leg sjukgymnast, MSc
15.35–16.35 Rygg/Nackskola, Borås Rehab
Cecilia Ehrenborg, Annelie Sörmark Lokal: J2
17.00–18.00 ArtOrt vid registreringsområdet
18.00– Opening Ceremony and Welcome Reception

* 12.30–15.30 Gemensamt för sjukgymnaster och arbetsterapeuter Lokal: J1
Programme – Occupational Therapists

(in Swedish)

Date: Wednesday, 1 September
Venue: J2, Swedish Exhibition & Congress Centre

08.30–09.30  Föreläsning: Teamarbete vid deformitetskirurgi, Henrik Lundblad, Yvonne Axelsson

09.30–10.00  Kaffe

10.00–11.30  Fria Föredrag: Moderator Birgitta Archenholtz

• Upplevelsen av arbetsterapeutisk rehabilitering – en kvalitativ studie med personer med handskada Anna-Karin Jansson

• Aktivitetsförmåga och hjälpmedelsbehov efter steloperation på grund av ländryggsbesvär Karin Melin

• Utvecklingen av ett bedömningsinstrument med diskriminerande förmåga för rehabiliteringsprocessen vid distal radiusfraktur Marianne Bemgård

11.30–12.00  Lunch

12.00–12.45  The Assessment of Pain and Occupational Performance Gerd Perneros

13.00–14.00  *Inspirationsföreläsning: Armlös o benlös, men inte hopplös – Mikael Andersson Lokal: Congress Hall

14.00–14.15  **Överlämning till Karlskrona  Lokal: Congress Hall

14.15–14.30  Kaffe

14.30–16.15  Nätverksträff

19.00– Fun Night på Trädgår’n

* 13.00–14.00 Gemensamt för sekreterare, sjukgymnaster, arbetsterapeuter, sjuksköterskor/undersköterskor och operationssjuksköterskor

** 14.00–14.15 Gemensamt för sjukgymnaster, arbetsterapeuter, sjuksköterskor/undersköterskor och operationssjuksköterskor
Programme – Occupational Therapists

(in Swedish)

Date: Thursday, 2 September
Venue: E3, Swedish Exhibition & Congress Centre

08.30–09.15  * Teamföreläsning: Osseointegration
  • Osseointegration vid lårbensamputation Kerstin Hagberg, Göteborg
  • Osseointegration vid amputation på övre extremitten
    Kerstin Caine Winterberger, Göteborg

09.15–09.55  * Teamföreläsning: Handled
  Handmottagningen inom akut ortopedi på Mölndals sjukhus
  Lena Malm, Birgitta Nyberg, Göteborg

09.55–10.20  Kaffe

10.20–11.05  * Teamföreläsning: Fötter
  Den förvärvade platffoten hos vuxna. Martin Åhlund,
  Lena Jensen, Göteborg

11.10–11.50  * Teamföreläsning: Barn
  Höftfluxationer hos barn. Omvårdnad och behandling
  Ann-Charlotte Söderpalm, Carina Karlsson Göteborg

11.50–11.55  * Kort pausunderhållning

11.55–12.30  * Sjuksköterskans mod Veronika Megeus

12.30– Lunch och hemfärd

* 8.30–11.50 Teamföreläsningar innebär att minst två professioner föreläser kring ett
  ämne för att ge en ökad förståelse av patientens situation vid olika diagnoser
* Gemensamma för arbetsterapeuter, sjuksköterskor/undersköterskor och operations-
  sköterskor Lokal: E3
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Programme – Physiotherapists (in Swedish)

Date: Tuesday, 31 August
Venue: J1, Swedish Exhibition & Congress Centre

10.30–12.15 Registrering och lunch
12.30–13.00 * Inledning. Eva Beckung, leg sjukgymnast, professor, Göteborg
13.00–13.30 * Betydelsen av fysisk aktivitet för bentäthet och bengeometri, Martin Nilsson, leg sjukgymnast, med dr http://hdl.handle.net/2077/21868
13.30–14.00 * Sahlgrenska Universitetssjukhusets Hip score Maria Edvinsson, leg sjukgymnast
14.00–14.30 Kaffe
14.30–15.00 * Fallprevention Anna Sarbinowska, leg arbetsterapeut, Leila Bessa, leg arbetsterapeut
15.00–15.30 * Balans hos äldre efter höftfraktur Margareta Svensson, leg sjukgymnast, MSc
15.45–16.45 Styrketräning Mathias Wernbom, leg sjukgymnast, forskarstuderande
17.00–18.00 ArtOrt vid registreringsområdet
18.00– Opening Ceremony and Welcome Reception

*12.30–15.30 Gemensamt för sjukgymnaster och arbetsterapeuter Lokal: J1
Programme – Physiotherapists (in Swedish)

Date: Wednesday, 1 September
Venue: J1, Swedish Exhibition & Congress Centre

08.15–10.00  Komplicerade frakturer kring armbåge *Carl Ekholm, docent överläkare*
10.00–10.30  Kaffe
10.30–12.00  Nätverksträff: Sektionen för ortopedisk-kirurgisk rehabilitering
Att arbeta med riktlinjer *Monica Fagevik-Olsén, leg sjukgymnast, med dr*
Diskussion
12.00–13.00  Lunch
13.00–14.00  *Inspirationsföreläsning: Armlös o benlös, men inte hopplös*
– *Mikael Andersson* Lokal: Congress Hall
14.00–14.15  **Överlämning till Karlskrona Lokal: Congress Hall**
14.20–15.00  Patienters uppfattning om eget ansvar för sina muskuloskeletala besvår
– hur ser det ut och spelar det någon roll för behandlingsutfallet? *Maria Larsson, leg sjukgymnast, fil dr* http://hdl.handle.net/2077/19647
15.00–15.30  Kaffe
15.30–17.00  Subakromiell smärta:
Excentrisk träning vid subakromiellt impingement. *Susanne Bernhardsson, leg sjukgymnast, MSc (abstrakt 1)*
Sjukgymnastik efter kirurgi för patienter med subakromiell smärta. *Ingrid Hultenheim Klintberg leg sjukgymnast, med dr* http://hdl.handle.net/2077/21938
19.00–   Fun Night på Trädgår’n

* 13.00–14.00 Gemensamt för sekreterare sjukgymnaster, arbetsterapeuter,
sjuksköterskor/undersköterskor och operationssjuksköterskor
** 14.00–14.15 Gemensamt för sjukgymnaster, arbetsterapeuter, sjuksköterskor/
undersköterskor och operationssjuksköterskor
Programme – Physiotherapists (in Swedish)

Date: Thursday, 2 September
Venue: J1, Swedish Exhibition & Congress Centre

08.30–09.30 Ryggkirurgi Helena Brisby, docent, överläkare
09.30–10.00 Kaffe
10.00–11.00 Physiotherapeutic rehabilitation and lumbar fusion surgery (In English)
   Allan Abbott, sjukgymnast, med dr
11.00–13.00 Moderator: Gunilla Kjellby-Wendt, leg sjukgymnast, med dr
   • Nationella riktlinjer vid diskbråck Gunilla Kjellby-Wendt
   • Regionala riktlinjer vid fusionsoperation
     Karin Romberg, leg sjukgymnast, MSc
   • Lumbala diskbråck: strukturerad sjukgymnastik eller operation?
     Gunilla Limbäck Svensson, leg sjukgymnast, doktorand
   • Sensomotoriskt lärande tillämpad på patienter med långvarig
     ickespecifik ryggsmärta Christina Schön-Ohlsson, leg sjukgymnast,
     med dr, http://handle.net/2077/21478
   • Fysisk aktivitetsnivå hos personer med artros i knä- respektive
     höftled – en tvärsnittsstudie Thérése Olsson, Leg. Sjukgymnast,
     Registercentrum, Göteborg
   • Poster presentation
13.00–13.45 Lunch
13.45–14.30 Den funktionella människan, hur vi ska röra oss och varför
   Linus Johansson, leg sjukgymnast, personlig tränare
14.30–15.10 Funktionell workshop Linus Johansson
The Sled unicondylar knee has been writing history at LINK since 1969. Continuously refined, the Unicondylar Sled Prosthesis Endo-Model® has been producing excellent clinical results for many years. Combined with the MITUS® Minimally Invasive Surgical Technique, this replacement system makes the procedure particularly bone conserving and soft tissue friendly.

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Orthopaedic Nurses/Auxiliary Nurses
Programme – Orthopaedic Nurses/Auxiliary Nurses

(in Swedish)

Date: Tuesday, 31 August
Venue: E3, Swedish Exhibition & Congress Centre

10.30–12.30 Registrering och lunch
12.45–13.00 Inledning: Eva-Marie Sehlstedt, Ingrid Höglund Karlsson
13.00–14.00 Personcentrerad vård – vad är det? Inger Ekman, Göteborg,
Lars Eric Olsson, Göteborg, Elisabeth Hansson, Göteborg
14.00–14.30 Kaffe
14.30–16.45 Fria föredrag för operationssköterskor och sjuksköterskor Lokal: E3
Moderatorer: Ingrid Bergh, Skövde, Annette W Dahl, Lund
1. Urinvägsproblem hos ortopediska patienter
   Maria Häleberg-Nyman, sjuksköterska, doktorand, Örebro
2. Vi ringer dig! Annelie Nilsson sjuksköterska,
   Emma Busck, sjuksköterska Stockholm
3. Patientfokuserad, högkvalitativ och kostnadseffektiv sårbehandling
   Susanne Asteberg, sjuksköterska Göteborg
4. Evidensbaserat undervisningsmaterial till patienter inför höft- och
   knäledsplastik Cecilia Hane Persson, sjuksköterska,
   Erika Danielsson, sjuksköterska Arvika
5. Ostörd sömn – ett Leanarbete Inger Ramirez sjukskött., Stockholm
6. Betydelsen av manschettrycket och blodtömhetstiden för patienter
   som ska genomgå en operation i blodtomt fält, med avseende på att
   förbättra vården, Charlotta Olivecrona, doktorand, KI, Stockholm
7. Att genomleva den perioperativa perioden vid akut och planerad
   ortopedisk kirurgi. Birgitta Åkesdotter Gustafsson,
   operationssjuksköterska, med dr, Stockholm
8. Checklista för dig som patient, Lisa Virdsten sjuksköterska,
   Anna Wahlgren sjuksköterska, Stockholm
9. Ständiga förbättringar med nio fokusgrupper
   Anna-Lena Brantberg kvalitetsutvecklare, Stockholm
10. En bild säger mer än 1000 ord Lena Dalhert,
    Lotta Claesson, operationssjuksköterskor, Uppsala
11. Intermittent pneumatisk kompression – en ny behandlingsform av
    ödeman vid frakturer Jörgen Hermansson sjuksköterska, Umeå
12. Preoperativ desinfektion – spelar det någon roll hur den utförs?
    Björn Elgeskog, operationssjuksköterska

17.00–18.00 ArtOrt vid registreringsområdet
18.00– Opening Ceremony and Welcome Reception
Programme – Orthopaedic Nurses/Auxiliary Nurses

(in Swedish)

Date: Wednesday, 1 September
Venue: E3, Swedish Exhibition & Congress Centre

08.15–08.45 *** Florence Nightingale. Behöver vi damen med lampan i vår upplysta tid? Karin Björnberg, Göteborg

08.45–09.30 *** Den goda vården: Säkra händer – säker vård.
• Säkerhet i vården – även en klimatfråga Marianne Thörner, Göteborg
• Erfarenheter från PRISS Eva-Marie Sehlstedt, Göteborg

09.30–10.00 Kaffe

10.00–11.30 Den goda vården. fortsättning:
Moderator Eva-Marie Sehlstedt, Göteborg
Förebygg:
• tryckssår i samband med vård Jan Wendeby, Göteborg
• postoperativa sårinfektioner Anna Hansson, Monica Stjärneblad, Hässleholm
• infektioner vid centrala venösa infarter Maria Tiger, Göteborg
• vårdrelaterade urinvägsinfektioner Maria Helleberg-Nyman, Örebro
• läkemedelfel i vårdens övergångar Eva-Marie Larsson, Angelica Martinsson, Lund
• fall/fallskador i samband med vård Birgitta Olofsson, Umeå

11.30–12.00 OSIS Årsmöte: Nätverksträff för sjuksköterskor

12.00–13.00 Lunch

13.00–14.00 * Inspirationsföreläsning: Armlös o benlös, men inte hopplös – Mikael Andersson Lokal: Congress Hall

14.00–14.15 ** Överlämning till Karlskrona Lokal: Congress Hall

14.15–14.45 Kaffepaus

14.45–15.15 Säkrare vård och bättre teamarbete med MEWS Cajsa-Stina Engblom, Catharina Valström, Stockholm

15.15–16.15 Den säkra vården.
• Att arbeta enligt Lean Annelie Nilsson, Emma Busck, Stockholm
• Vårdkvalitetsregister och Qlick View Margaretha Karlsten, Göteborg
• Systematisk avvikelseanalys – hur lär man av sina misstag Anders Danemo, Göteborg
Programme – Orthopaedic Nurses/Auxiliary Nurses

(in Swedish)

Date: Thursday, 2 September
Venue: E3, Swedish Exhibition & Congress Centre

08.30–09.15  * Teamföreläsning: Osseointegration
  • Osseointegration vid lårbensamputation Kerstin Hagberg, Göteborg
  • Osseointegration vid amputation på övre extremiteten Kerstin Caine Winterberger, Göteborg

09.15–09.55  * Teamföreläsning: Handled
Handmottagningen inom akut ortopedi på Mölndals sjukhus Lena Malm, Birgitta Nyberg, Göteborg

09.55–10.20  Kaffe

10.20–11.05  * Teamföreläsning: Fötter
Den förvärvade plattfoten hos vuxna. Martin Åhlund, Lena Jensen, Göteborg

11.10–11.50  * Teamföreläsning: Barn
Höftfluxationer hos barn. Omvårdnad och behandling Ann-Charlotte Söderpalm, Carina Karlsson Göteborg

11.50–11.55  * Kort pausunderhållning

11.55–12.30  * Sjuksköterskans mod Veronika Megeus

12.30– Lunch och hemfård

*8.30–11.50 Teamföreläsningar innebär att minst två professioner föreläser kring ett ämne för att ge en ökad förståelse av patientens situation vid olika diagnoser
*Gemensamma för arbetsterapeuter, sjuksköterskor/undersköterskor och operationssköterskor
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Orthopaedic Theatre Nurses/Auxiliary Surgical Nurses
Programme – Orthopaedic Theatre Nurses/ Auxiliary Surgical Nurses (in Swedish)

Date: Tuesday, 31 August
Venue: (see room below) Swedish Exhibition & Congress Centre

08.00–08.30 Registrering
08.30–10.00 Instruktionskurs: Platt- och skruvfixation av distala femurfrakturer
   Hans Granhed, Göteborg Lokal: R22+23
10.00–10.30 Kaffe
10.30–12.00 Instruktionskurs:
   Märgspikning, tibia Mikael Sundfelt, Göteborg Lokal: R24+25
   Modern cementeringsteknik Göran Garellick, Göteborg Lokal: R22+23
12.00–13.00 Lunch
13.00–14.00 *Sjukvård i Nepal, Hans Granhed Lokal: F5
14.00–14.30 Kaffe
14.30–16.45 Fria föredrag för operationssköterskor och sjuksköterskor Lokal: E3
   Moderatorer: Ingrid Bergh, Skövde, Annette W Dahl, Lund
   1. Urinvägsproblem hos ortopediska patienter
      Maria Hälleberg-Nyman, sjuksköterska, doktorand, Örebro
   2. Vi ringer dig! Annelie Nilsson sjuksköterska,
      Emma Busck, sjuksköterska Stockholm
   3. Patientfokuserad, högkvalitativ och kostnadseffektiv sårbehandling
      Susanne Asteberg, sjuksköterska Göteborg
   4. Evidensbaserat undervisningsmaterial till patienter inför höft- och
      knäledsplastik Cecilia Hane Persson, sjuksköterska,
      Erika Danielsson, sjuksköterska Arvika
   5. Ostörd sömn – ett Leanarbete
      Inger Ramirez sjuksköterska, Stockholm
   6. Betydelsen av manschettrycket och blodtomhetstiden för patienter
      som ska genomgå en operation i blodtomt fält, med avseende på att
      förbättra vården, Charlotta Olivecrona, doktorand,KI, Stockholm
   7. Att genomleva den perioperativa perioden vid akut och planerad
      ortopedisk kirurgi. Birgitta Åkesdotter Gustafsson, operations-
      sjuksköterska, med dr, Stockholm
   8. Checklista för dig som patient, Lisa Virdesten sjuksköterska,
      Anna Wahlgren sjuksköterska, Stockholm
9. Ständiga förbättringar med nio fokusgrupper
   Anna-Lena Brantberg kvalitetsutvecklare, Stockholm

10. En bild säger mer än 1000 ord Lena Dalhert,
    Lotta Claesson, operationssjuksköterskor, Uppsala

11. Intermittent pneumatisk kompression – en ny behandlingsform
    av ödem vid frakturer Jörgen Hermansson sjuksköterska, Umeå

12. Preoperativ desinfektion – spelar det någon roll hur den utförs?
    Björn Elgeskog, operationssjuksköterska

17.00–18.00   ArtOrt vid registreringsområdet
18.00–       Opening Cermony and Welcome Reception

* 13.00-14.00 Gemensamt för sekreterare och operationssköterskor
Programme – Orthopaedic Theatre Nurses/ Auxiliary Surgical Nurses (in Swedish)

Date: Wednesday, 1 September
Venue: (see room below) Swedish Exhibition & Congress Centre

08.15–08.45 *** Florence Nightingale. Behöver vi damen med lampan i vår upplysta tid? Karin Björnberg, Göteborg Lokal: E3

08.45–09.30 *** Den goda vården: Säkra händer – säker vård Lokal: E3
• Säkerhet i vården – även en klimatfråga Marianne Thörner, Göteborg
• Erfarenheter från PRISS Eva-Marie Sehlstedt, Göteborg

09.30–10.00 Kaffe

10.00–10.55 Protesrelaterade infektioner– behandlingsstrategier Ann-Charlotte Westerlund, Christer Strömberg Lokal: F6

11.00–12.00 **** Ortopedisk tumörrkirurgi Peter Bergh Lokal: F5

12.00–13.00 Lunch

13.00–14.00 * Inspirationsföreläsning: Armlös o benlös, men inte hopplös – Mikael Andersson Lokal: Congress Hall

14.00–14.15 ** Överlämning till Karlskrona Lokal: Congress Hall

14.15–15.00 Knäluxationer – när och hur skall de åtgärdas? Jonas Isberg Lokal: F6

15.00–15.15 Kaffe

15.15–16.00 Höftskopier, indikationer och teknik. Leif Swärd Lokal: F6

19.00– Fun Night på Trädgår’n

* 13.00–14.00 Gemensamt för sekreterare, sjukgymnaster, arbetsterapeuter, sjuksköterskor/undersköterskor och operationssjuksköterskor

** 14.00–14.15 Gemensamt för sjukgymnaster, arbetsterapeuter, sjuksköterskor/undersköterskor och operationssjuksköterskor

*** 8.15–09.30 Gemensamt för sjuksköterskor/undersköterskor och operationsköterskor

**** 11.00–12.00 Gemensamt för sekreterare och operationssköterskor
Programme – Orthopaedic Theatre Nurses/Auxiliary Surgical Nurses  (in Swedish)

Date: Thursday, 2 September
Venue: E3, Swedish Exhibition & Congress Centre

08.30–09.15 *Teamföreläsning: Osseointegration
  • Osseointegration vid lårbensamputation Kerstin Hagberg, Göteborg
  • Osseointegration vid amputation på övre extremiteten
    Kerstin Caine Winterberger, Göteborg

09.15–09.55 *Teamföreläsning: Handled
  Handmottagningen inom akut ortopedi på Mölndals sjukhus
    Lena Malm, Birgitta Nyberg, Göteborg

09.55–10.20 Kaffe

10.20–11.05 *Teamföreläsning: Fötter
  Den förvärvade plattfoten hos vuxna.
    Martin Åhlund, Lena Jensen (Göteborg)

11.10–11.50 *Teamföreläsning: Barn
  Höftfluxationer hos barn. Omvårdnad och behandling
    Ann-Charlotte Söderpalm, Carina Karlsson (Göteborg)

11.50–11.55 Kort pausunderhållning

11.55–12.30 Sjuksköterskans mod Veronika Megeus

12.30– Lunch och hemfärd

*8.30–12.30 Teamföreläsningar innebär att minst två professioner föreläser kring ett ämne för att ge en ökad förståelse av patientens situation vid olika diagnoser

Gemensamma för arbetsterapeuter, sjuksköterskor/undersköterskor och operations- sköterskor
Orthopaedic Surgeons and Researchers
Programme – Tuesday, 31 August

Congress Hall

Instructional Courses

Mohit BHANDARI (Canada) – Plenary Lecture


IT & Orthopaedics – Symposium

Opening Ceremony & Welcome Reception

Room H1

Instructional Courses

Shoulder / Elbow – Free Papers

Arthroplasty Hip - Acetabular Components – Lecture & Free Papers

Room G4

Instructional Courses

Cartilage Repair – Lecture & Free Papers

Rickets under the sun of Africa – Symposium

Room F1

Instructional Courses

SOF: Senior Swedish Orthopaedic Association: The History and Benefit of Total Joint Replacement Registries – Symposium

SOF: Patientsäkerhetsarbete (in Swedish) – Symposium

Room F2

Instructional Courses

Svenska Ortoped-Traumatologiska Sällskapet (SOTS): Evidence based trauma orthopaedics – Symposium

Arthroplasty Shoulder / Elbow – Free Papers

Room F4

Instructional Courses

Trauma Multitrauma – Lecture & Free Papers

Cartilage – Symposium

Programme – Wednesday, 1 September

Congress Hall

Trauma - Proximal Femoral Fractures – Symposium

Shinichi KIKUCHI (Japan) – Plenary Lecture

Arthroplasty Hip – Lecture & Free Papers

Industry Symposia

Cody BÜNGER (Denmark) – Presidential Lecture

Injury Prevention - A Focus on Cross-Border Interventions – Symposium

Room H1

Trauma Shoulder / Elbow – Free Papers

Improvement of knee prosthetic surgery – Recommendations based on experience from the Nordic registers - Symposium

Industry Symposia

Trauma Elbow – Lecture & Free Papers
Programme – Thursday, 2 September

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13:00-13:30 Plenary Lecture
  Mohit Bhandari

13:30-15:00 Symposium
  JOA: Joint Preserving Operations & Osteotomies for Adult Hip Diseases
  Free Papers: Shoulder/Elbow
  Symposium: Cartilage Repair

15:00-15:30 Coffee break

15:30-17:00 Symposium
  IT & Orthopaedics (until 16:30)
  Free Papers: Arthroplasty
  Hip – Acetabular Components
  Symposium: Rickets under the sun of Africa
  Symposium: SOF: Patientsäkerhets-arbete (in Swedish)
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18:00 Opening Ceremony & Welcome Reception
Programme – Tuesday, 31 August

Congress Hall

09:00-12:00 Instructional Courses

12:00-13:00 Lunch

13:00-13:30 Plenary Lecture
  Mohit Bhandari

13:30-15:00 Symposium
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  Symposium
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15:30-17:00 Symposium
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  Symposium
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18:00 Opening Ceremony & Welcome Reception
Tuesday, 31 August
Congress Hall

09:00-12:00  **Instructional Courses**

*(More information on page 38)*

12:00-13:00  **Lunch**

13:00-13:30 **Plenary Lecture**

**EVIDENCE-BASED ORTHOPAEDICS: HOW FAR HAVE WE COME?**
Mohit BHANDARI (Canada)

13:30-15:00 **Symposium**

**Japanese Orthopaedic Association (JOA):**
**Joint Preserving Operations & Osteotomies for Adult Hip Diseases**

*Moderators:*
Seiya JINGUSHI (Japan)
Yukiharu HASEGAWA (Japan)

26853  **POSTERIOR ROTATIONAL OSTEOTOMY IN YOUNG ADULTS AND ADOLESCENTS WITH SEVERE OSTEOECONCROSI**
Takashi ATSUMI, Satoshi TAMAOKI, Ryosuke NAKANISHI, Eiji KATOH, Minoru WATANABE, Toshihisa KAJIWARA (Japan)

26843  **CURVED INTERTROCHANTERIC VARUS OSTEOTOMY FOR NON-TRAUMATIC OSTEOECONCROSI OF THE FEMORAL HEAD**
Yukiharu HASEGAWA, Taisuke SEKI (Japan)

26858  **TRANSPOSITION OSTEOTOMY OF THE ACETABULUM FOR THE HIP OSTEOARTHRITIS DUE TO THE ACETABULAR DYSPLASIA**
Seiya JINGUSHI (Japan)

26814  **LONG-TERM OUTCOME OF ROTATIONAL ACETABULAR OSTEOTOMY: 88 HIPS FOLLOWED FOR 15-22 YEARS**
Yuji YASUNAGA, Mitsuo OCHI (Japan)

15:00-15:30  **Coffee break**

15:30-16:30 **Symposium**

**IT & Orthopaedics**

**HOW TO USE THE INTERNET EFFECTIVELY**
Fatih KUCUKDURMAZ (Turkey)

18:00  **Opening Ceremony & Welcome Reception**
Tuesday, 31 August
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12:00-13:00  **Lunch**

13:00-13:30  **Plenary Lecture (in Congress Hall)**

EVIDENCE-BASED ORTHOPAEDICS: HOW FAR HAVE WE COME?
Mohit BHANDARI (Canada)

13:30-15:00  **Free Papers**

**Shoulder / Elbow**

*Moderators:*
Robert A. PEDOWITZ (United States)
Juri KARTUS (Sweden)

26530  **BONY BANKART IS A POSITIVE PREDICTIVE FACTOR AFTER PRIMARY SHOULDER DISLOCATION**
Björn SALOMONSSON, Anders VON HEIJNE, Mats DAHLBORN, Hassan ABBASZADEGAN, Susanne AHLSTRÖM, Nils DALÉN, Ulf LILLKRONA (Sweden)

23092  **REHABILITATION OF PATIENTS WITH LOWER EXTREMITIES BONE NON-UNION AND DEFECTS**
Guseynali ISMAYLOV (Iran)

26588  **THE MORPHOLOGY OF HILL-SACHS LESIONS IN RELATION TO SOFT TISSUE AND BONY BANKART LESIONS ON MRI ARTHROGRAPHY**
Nnamdi OBI, Rouin AMIRFEYZ, Rebecca GRIGGS, Partha SARANGI, Charles WAKELEY, Alan DUNKLEY (United Kingdom)

25697  **REVISITING THE UK SHOULDER SURGEON’S APPROACH TO TRAUMATIC, ANTERIOR SHOULDER DISLOCATION IN THE YOUNG PATIENT**
Akshay MALHOTRA, Matthew FREUDMANN, Stuart HAY (United Kingdom)

22984  **A LONG TERM FOLLOW UP OUTCOME AFTER ARTHROSCOPIC ROTATOR CUFF REPAIR**
Umesh NAGARE, W.A. NIEZYWINSKI (United Kingdom)

23579  **ARTHROSCOPIC REMOVAL OF CALCIUM DEPOSIT IN SHOULDER**
Kayvan NOJOOMI (United Arab Emirates)
FUNCTIONAL & CLINICAL OUTCOME AFTER SURGICAL REPAIR OF FULL-THICKNESS ROTATOR CUFF TEAR USING A MINI-OPEN TECHNIQUE
Umesh NAGARE, Mohammad MAQSOOD (United Kingdom)

BROKEN SHOULDER PROBE DURING ARTHROSCOPIC SUBACROMIAL DECOMPRESSION – REPORT & TECHNOCAL TIP
Atanu BHATTACHARJEE, A. YEWLETT, R. KULKARNI (United Kingdom)

LATERAL EPICONDYLITIS OF THE ELBOW – ARE PLATELETS THE ANSWER?
Rahul KAKKAR, Malcolm SCOTT (United Kingdom)

15:00-15:30 Coffee break
15:30-17:00 Lecture Free Papers

Arthroplasty
Hip - Acetabular Components

Modem: Luis LOPEZ-DURAN STERN (Spain)
Johan KÄRRHOLM (Sweden)

POLYETHYLENE, CURRENT CLINICAL RESULTS AND FUTURE POTENTIAL
Henrik MALCHAU, Charles BRAGDON (United States)

RSA EVALUATION OF WEAR OF VITAMIN E STABILIZED HIGHLY CROSS-LINKED POLYETHYLENE
Henrik MALCHAU, Charles BRAGDON, Meridith GREENE, Harry RUBASH, Andrew FREIBERG (United States)

ACETABULAR CUP WITH PRE ASSEMBLED CERAMIC LINER. A PROGRESS TO AVOID CERAMIC LINER BREAKAGE
David DAGRENAT, N. MONCADE, T. GRADEL, L. DEVUN (France)

INFLUENCE OF IMPACTING CERAMIC INSERTS ON PROPER SEATING IN ACETABULAR CUPS FOR HIP IMPLANTS
Thomas PANDORF, Roman PREUSS (Germany)

REVIEW OF CERAMIC-CERAMIC BEARINGS IN HYDROXYAPATITE CERAMIC COATED HIP IMPLANTS: A CLINICAL AND RADIOLOGICAL EVALUATION WITH UP TO EIGHTEEN YEAR FOLLOW-UP
James BUCHANAN, David FLETCHER, Peter LINSLEY (United Kingdom)
24073  A MULTI-CENTER STUDY OF THE MID-TERM FOLLOW-UP RESULTS OF HIGHLY CROSS-LINKED POLYETHYLENE THR COMPONENTS
Henrik MALCHAU, Charles BRAGDON, John MARTELL, John CLOHISY, Richard WHITE, Victor GOLDBERG, Craig DELLA VALLE, Daniel BERRY, Bryan JARRETT, William HARRIS (United States)

26380  PREVENTION OF IMPINGEMENT IN TOTAL HIP ARTHROPLASTY BY NECK MODULARITY: DOES IT WORK IN PRACTICE?
Damian GRIFFIN (United Kingdom)

23322  INFLUENCE OF DESIGN- AND MANUFACTURING-RELATED PARAMETERS TO WEAR IN METAL-ON-METAL HIP JOINT REPLACEMENTS
J. Philippe KRETZER, Eike JAKUBOWITZ, Jörn REINDERS, Robert SONNTAG (Germany)

23289  FROM LFA (LOW FRICTION ARTHROPLASTY) TO MOM (METAL ON METAL) ARE WE ANY BETTER?
Maher HALAWA, Mahmoud ABDEL KARIM (United Kingdom)

26503  STABILITY OF UNCEMENTED PRESS FIT CUPS RELATED TO DIFFERENT WEIGHT BEARING REGIMES AFTER SURGERY. A RCT USING RSA IN 32 PATIENTS FOLLOWED FOR 5 YEARS
Olof WOLF, Per MATTSSON, Jan MILBRINK, Sune LARSSON, Hans MALLMIN (Sweden)

26631  PREVALENCE OF ADVERSE LOCAL TISSUE REACTION IN METAL ON METAL HIP ARTHROPLASTY
Anuj JAISSWAL, Karadi Hari SUNIL KUMAR, S.C. BUDITHI, Bernhard TINS, Jan-Herman KUIPER, James B. RICHARDSON (United Kingdom)

25721  A PROSPECTIVE OBSERVATIONAL STUDY OF OSTEOARTHRITIS TOTAL HIP REPLACEMENT PATIENTS TREATED WITH AND WITHOUT A METAL SHELL AND A NEW TYPE OF ACETABULAR COMPONENT
Sabine MAI, Burkhard MAI, Werner SIEBERT (Germany)

18:00  Opening Ceremony & Welcome Reception
(in Congress Hall)
Experience **Signature™**
Learn more about the concept during our lunch seminar at SOF/SICOT on September 1st.
### PROGRAMME
- ORTHOPAEDIC SURGEONS AND RESEARCHERS

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<td><strong>23805</strong> TREATMENT OF OSTEOARTHRITIS WITH INFRA PATELLAR FAT PAD DERIVED MESENCHYMAL STEM CELLS IN RABBIT&lt;br&gt;Seifollah DEHGHANI NAZHVANI, Abasali GHADERI, Fatemeh Sadat TOGHRAEI, M.A. GHOLIPOOR, Niloofar CHENARI, Simin TORABINEZHAD (Iran)</td>
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<td><strong>25218</strong> MICROFRACTURE OF THE KNEE: A META-ANALYSIS OF SIXTEEN STUDIES&lt;br&gt;Lukas L. NEGRIN, Vilmos VÉCSEI (Austria)</td>
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<td><strong>26542</strong> TREATMENT OF PATELLOFEMORAL ARTICULAR CARTILAGE LESIONS WITH CHONDROCELECT® IN A COMPASSIONATE USE PROGRAMME&lt;br&gt;Karl Fredrik ALMQVIST¹, Johan VANLAUWE¹, Daniel SARIS², Johan BELLEMANS¹, René VERDONK¹&lt;br&gt;¹(Belgium), ²(Netherlands)</td>
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<td><strong>25789</strong> THE COMPARISON OF THE PEDUNCULATED SYNOVIAL GRAFT WITH PERIOSTEAL GRAFT AFTER ARTICULAR CARTILAGE DEFECTS IN THE RABBITS&lt;br&gt;Ismail TUNCAY, Aytekin KARAMAN, Huseyin DEMIRORS, Rahmi AKGUN, Ilhami KURU (Turkey)</td>
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25042  PROGENITOR/CELLULAR MIGRATION AND MATRIX INTERACTIONS IN RESPECT TO STEM CELL NICHEs WITHIN THE MAMMAL INTERVERTEBRAL DISC REGION. A STUDY IN THREE SPECIES
Helena BRISBY, Helena BARRETO HENRIKSSON, Emilia SVALA, Eva SKIÖLDEBRAND, Katarina JUNEVIK, Anders LINDAHL (Sweden)

26231  TRANSPLANTATION OF MESENCHYMAL STEM CELLS IN A COMPOSITE SCAFFOLD BASED ON COLLAGEN I WITH CHITOSAN MICRO- AND NANOFIBRES INTO ARTICULAR CARTILAGE DEFECTS
Ladislav PLANKA, Robert SRNEC, Jiri KLIMA, Jana HLUCILOVA, David STARY, Leos KREN, Lucie VOJTOVA, Josef JANCAR, Petr GAL, Alois NECAS, Michal CRHA, Evzen AMLER (Czech Republic)

15:00-15:30  Coffee break
15:30-17:00  Symposium

Rickets under the sun of Africa

Moderators:
Jochen EULERT (Germany)
Christa KITZ (Germany)

RICKETS IN NIGERIA – INCIDENCE, CLINICS AND INTERVENTION IN CHILDREN AND ADOLESCENTS
Christa KITZ (Germany)

GENETICS AND GENE-ENVIRONMENT INTERACTIONS
Franz JAKOB (Germany)

ORTHOPAEDIC SURGERY IN SEVERE CASES OF RICKETS
Peter RAAB (Germany)

CLIMATE AND SOIL CONDITIONS AS KEY FACTORS FOR RICKETS: THE ROLE OF CHANGING ENVIRONMENT
Barbara SPOHNHOLZ, Lena HARTMANN (Germany)

Round table discussion and call to action

Summary and conclusions
Jochen EULERT, Franz JAKOB (Germany)

18:00  Opening Ceremony & Welcome Reception
(in Congress Hall)
Tuesday, 31 August
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(More information on page 38)

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13:00-13:30 Plenary Lecture (in Congress Hall)
EVIDENCE-BASED ORTHOPAEDICS: HOW FAR HAVE WE COME?
Mohit BHANDARI (Canada)

13:30-15:00 Symposium
SOF:
Senior Swedish Orthopaedic Association:
The History and Benefit of Total Joint Replacement Registries

Moderator:
Bertil ROMANUS (Sweden)

KNEE
Lars LIDGREN (Sweden)

HIP
Peter HERBERTS (Sweden)

ANKLE
Anders HENRICSON (Sweden)

ICLH RESURFACING EXPERIENCE (1978-84), AS SEEN IN THE HIP REGISTER
Bertil ROMANUS (Sweden)

15:00-15:30 Coffee break

15:30-17:00 Symposium
SOF:
Patientsäkerhetsarbete (in Swedish)

Moderator:
Göran MODIN (Sweden)

SÄKER KOMMUNIKATION
Michael SJÖÖ (Sweden)
PROGRAMME
- ORTHOPAEDIC SURGEONS AND RESEARCHERS

18:00 Opening Ceremony & Welcome Reception
(in Congress Hall)
C-MAX T2L
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Tuesday, 31 August
Room F2

09:00-12:00 **Instructional Courses**

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13:00-13:30 **Plenary Lecture (in Congress Hall)**

**EVIDENCE-BASED ORTHOPAEDICS: HOW FAR HAVE WE COME?**
Mohit BHANDARI (Canada)

13:30-15:00 **Symposium**

**Svenska Ortoped-Traumatologiska Sällskapet (SOTS): Evidence based trauma orthopaedics**

*Moderator:*
Kenneth JONSSON (Sweden)

Sune LARSSON, Johan SCHEER, Jan TIDERMARK, Michael SUNDFELDT, Anders EKELUND (Sweden)

15:00-15:30 **Coffee break**

15:30-17:00 **Free Papers**

**Arthroplasty**
**Shoulder / Elbow**

*Moderators:*
Frédéric SCHUIND (Belgium)
Andre STARK (Sweden)

**26584 REVERSED SHOULDER ARTHROPLASTY. IT IS WORKING! SHORT TO MEDIUM TERM RESULTS OF 43 ARTHROPLASTIES PERFORMED AT A DISTRICT GENERAL HOSPITAL**
Avadhoot KANTAK, Surendra PATNAIK, Praveen PANOSE, T.P. SELVAN (United Kingdom)

**23837 INADEQUATE INSERTION OF TOTAL ELBOW REPLACEMENTS**
Steven BORLAND, Mohan RAO, John FRASER (United Kingdom)
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<td>MOTION ANALYSIS OF THE SHOULDER AFTER A REVERSE SHOULDER PROSTHESIS T.D.W. ALTA¹, J.M.H. BERGMANN², T.W.J. JANSSEN¹, H.E.J. VEGER¹, B.J. BURGER¹, W.J. WILLEMS¹</td>
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<td>OBJECTIVE AND SUBJECTIVE RESULTS OF REVERSE TOTAL SHOULDER REPLACEMENT. SHOULD IT BE RESERVED TO PATIENTS OLDER THAN 75 ONLY? Konrad Sebastian WRONKA, Amit SINHA (United Kingdom)</td>
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<td>1 TO 7.5 YEARS FOLLOW UP OF RESURFACING HUMERAL HEAD IMPLANTS         Eric PETROFF, Stephane AUDEBERT (France)</td>
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<td>MANAGEMENT OF ROTATOR CUFF ARTHROPATHY WITH SHOULDER RESURFACING AND SUBSCAPULARIS Z-PLASTY Sitaram GIRI, Shiv Asish JAIN, Ashvin PIMPALNERKAR (United Kingdom)</td>
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<td>MEASUREMENT OF MIGRATION OF A HUMERAL HEAD RESURFACING PROSTHESIS USING RADIOSTEREOMETRY WITHOUT IMPLANT MARKING. AN EXPERIMENTAL STUDY Magnus ÖDQUIST, Olof SKÖLDENBERG (Sweden)</td>
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<td>SHOULDER PROSTHESIS WITH OR WITHOUT STEM? 59 CONSECUTIVE SHOULDER REPLACEMENTS USING THE TESS IMPLANT Arkan SAYED-NOOR, Göran SJÖDÉN, Nader MAFI, Sigge NORBERG, Bakir KADUM (Sweden)</td>
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<td>PROSTHETIC OVERHANG MOST EFFECTIVE WAY TO PREVENT SCAPULAR CONFLICT IN REVERSE TOTAL SHOULDER PROSTHESIS Pieter BEEKMAN¹, Lieven DE WILDE¹, Didier PONCET², Anders EKELUND³</td>
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18:00 Opening Ceremony & Welcome Reception
(in Congress Hall)
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Room F4

09:00-12:00  **Instructional Courses**

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12:00-13:00  *Lunch*

13:00-13:30  **Plenary Lecture (in Congress Hall)**

**EVIDENCE-BASED ORTHOPAEDICS: HOW FAR HAVE WE COME?**
Mohit BHANDARI (Canada)

13:30-15:00  **Lecture**

**Free Papers**

**Trauma**

**Multitrauma**

*Moderators:*
Thamer A. HAMDAN (Iraq)
Michael MÖLLER (Sweden)

26864  **26 YEARS EXPERIENCE WITH MISSILE INJURIES OF THE LIMBS**
Thamer A. HAMDAN (Iraq)

26576  **THE RELATIONSHIP BETWEEN TIME TO SURGICAL DEBRIDEMENT AND INCIDENCE OF INFECTION IN GRADE III OPEN FRACTURES**
Jagwant SINGH, Z. HASHIM, S. MARWAH, R. RAMAN, H.K. SHARMA (United Kingdom)

25447  **NEW INJURY SEVERITY SCORE: A MORE RELIABLE ASSESSMENT TOOL IN PREDICTING MORBIDITY AND MORTALITY IN MUSCULOSKELETAL INJURIES COMPARED TO INJURY SEVERITY SCORE?**
Raj NIRMAL, Vel RAJAN SHAKTHI, Vijay GONI (India)

24603  **COMPARISON OF CLINICAL RESULTS OF OPERATIVE INTERNAL FIXATION AND CONSERVATIVE RESPIRATORY TREATMENT FOR FLAIL CHEST WITH MULTIPLE FRACTURES OF THE RIBS**
Takaaki KURODA, Masanari AONO, Kenichi KAZUKI, Atsushi OKANO, Toshinori MIYAICHI, Tetushi KUBOTA, Akihiro FUKE (Japan)

25154  **QUALITY OF LIFE CHANGES DURING TWO YEARS AFTER PELVIC AND ACETABULAR FRACTURE SURGERY**
Tomas BORG, Sune LARSSON (Sweden)

25506  **DAMAGE CONTROL ORTHOPAEDIC SURGERY FOR FEMORAL FRACTURES IN POLYTRAUMA PATIENTS**
Tuesday, 31 August
Room F4

10:00-12:00
Instructional Courses
(More information on page 38)

12:00-13:00
Lunch

13:00-13:30
Plenary Lecture
(in Congress Hall)
EVIDENCE-BASED ORTHOPAEDICS: HOW FAR HAVE WE COME?
Mohit BHANDARI (Canada)

13:30-15:00
Lecture Free Papers
Trauma
Multitrauma
– Lecture & Free Papers
Moderators:
Thamer A. HAMDAN (Iraq)
Michael MÖLLER (Sweden)

25136 ROLE OF INTRAVENOUS STEROIDS IN THE PROPHYLAXIS OF POST TRAUMATIC HYPOXEMIA AND FAT EMBOLISM SYNDROME IN HIGH RISK PATIENTS
Vibhu Krishnan VISWANATHAN, Ramesh Kumar SEN, Sakthivel Rajan RAJARAM MANOHARAN (India)

24552 OPERATIVE TREATMENT OF UNSTABLE PELVIC INJURIES
Alexey SMIRNOV, Michail MAKURIN (Russia)

15:00-15:30  Coffee break

15:30-17:00  Symposium

Cartilage

Moderator:
Stephen ABELOW (United States)

MACI – MATRIX AUTOLOGOUS CHONDROCYTE IMPLANTATION – SEVEN YEARS’ EXPERIENCE
Stephen ABELOW (United States)

STEM CELLS – CONCEPT AND APPLICATIONS IN ARTICULAR CARTILAGE
Mats BRITTBERG (Sweden)

HYALOGRAFT AND BIOMIMETIC CONSTRUCTS
Elezaveta KON (Italy)

26369 ARTICULAR CARTILAGE REPAIR USING COLLAGEN TYPE I HYDROGELS – CLINICAL RESULTS
Ulrich NÖTH, Lars RACKWITZ, Sebastian SIEBENLIST, Florian FENSKY, Thomas BARTHEL, Jochen EULERT, Maximilian RUDERT (Germany)

18:00 Opening Ceremony & Welcome Reception
(in Congress Hall)
Upper Limb Complications?
Now there's Help on Hand
<table>
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<tr>
<th>Time</th>
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<tr>
<td>08:00-09:30</td>
<td>Symposium <strong>Trauma – Proximal Femoral Fractures</strong>&lt;br&gt;Free Papers&lt;br&gt;Trauma Shoulder/Elbow&lt;br&gt;Free Papers Arthroplasty Knee&lt;br&gt;Free Papers Tumours Giant Cells&lt;br&gt;Free Papers Trauma Forearm/Wrist&lt;br&gt;Symposium <strong>Biomaterials - Novel Strategies in Biomaterials and Regenerative Medicine</strong></td>
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<tr>
<td>09:30-10:15</td>
<td>Plenary Lecture&lt;br&gt;Shinichi Kikuchi Lecture&lt;br&gt;Coffee break</td>
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<td>08:00-09:30</td>
<td>Symposium</td>
<td>Trauma - Proximal Femoral Fractures</td>
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<td>Moderators: Vilmos VECSEI (Austria) Nikolaj WOLFSON (United States)</td>
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<td>PIPKIN-FRACTURE Tomas BRAUNSTEINER (Austria)</td>
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<td>TREATMENT &amp; OUTCOME OF SURGICAL FIXATION OF SUBCAPITAL FRACTURES OF THE FEMUR</td>
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<td>BY CANNULATED SCREWS Gershon VOLPIN (Israel)</td>
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<td>09:30-10:15</td>
<td>Coffee break</td>
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<td>10:15-10:45</td>
<td>Plenary Lecture</td>
<td>INTERNATIONAL COLLABORATION BEYOND THE CULTURE GAP Shinichi KIKUCHI (Japan)</td>
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<td>Michael WROBLEWSKI, Paul SINEY, Patricia FLEMING (United Kingdom)</td>
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<td>23691</td>
<td>REVIEW ON METAL ON METAL HIP RESURFACING ARTHROPLASTY</td>
<td>Hari KOVILAZHIKATHU SUGATHAN, Rudra MAITRA, Nezar TUMIA (United Kingdom)</td>
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<tr>
<td>26800</td>
<td>METAL ON METAL HIP RESURFACING; THE MECHANISM OF FAILURE</td>
<td>Michael WROBLEWSKI (United Kingdom)</td>
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<td>23723</td>
<td>REVIEW OF HYDROXYAPATITE CERAMIC COATED HIP IMPLANTS USED IN REVISIONAL SURGERY: A CLINICAL AND RADIOLOGICAL EVALUATION WITH MAXIMUM FOLLOW-UP OF TWENTY YEARS</td>
<td>James BUCHANAN, David FLETCHER, Peter LINSLEY (United Kingdom)</td>
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<tr>
<td>25464</td>
<td>INTRODUCTION OF TOTAL HIP ARTHROPLASTY IN LITHUANIA RESULTS FROM THE FIRST 10 YEARS</td>
<td>Sarunas TARASEVICIUS¹, Uldis KESTERIS², Otto ROBERTSSON², Alfredas SMAILYS¹, Hans WINGSTRAND²</td>
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<td>24434</td>
<td>25 YEAR SURVIVAL OF THE LORD TOTAL HIP PROSTHESES</td>
<td>Roland ZÜGNER, Roy TRANBERG, Johan KÄRRHOLM (Sweden)</td>
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<td>26070</td>
<td>A DECENNIAL EXPERIENCE IN TOTAL HIP REPLACEMENT USING ALTIMED IMPLANTS</td>
<td>Ivan MINAKOUSKI, Alexandre BELETSKY, Andrej VORONOVICH, Pavel SKAKUN (Belarus)</td>
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<td>22981</td>
<td>LONG TERM 15 YEAR FOLLOW UP RESULTS OF JRI (FURLONG) TOTAL HIP ARTHROPLASTY USING HYDROXYAPATITE-COATED THREADED ACETABULAR CUPS</td>
<td>Umesh NAGARE, Jonathan WILKINSON (United Kingdom)</td>
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<td>26188</td>
<td>HIP RESURFACING ARTHROPLASTY IN THE NORDIC ARTHROPLASTY REGISTER ASSOCIATION (NARA) DATABASE</td>
<td>Per-Erik JOHANSON¹, Anne Marie FENSTAD², Ove FURNES³, Göran GARELLICK¹, Leif HAVELIN², Sören OVERGAARD³, Alma PEDERSEN³, Johan KÄRRHOLM¹</td>
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<td>25172</td>
<td>TWO RESURFACING HIP REPLACEMENTS COMPARISION: BHR VS. ASR – SINGLE SURGEON SERIES</td>
<td>Shanmugasundaram RAJKUMAR, Shawn TAVARES (United Kingdom)</td>
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<td>23844</td>
<td>OSTEONECROSIS OF THE FEMORAL HEAD FOLLOWING RESURFACING THA. A CLINICAL PET STUDY</td>
<td>Gösta ULLMARK, Jens SÖRENSE, Jan MILBRINK, Olle NILSSON, Kent SUNDGREN (Sweden)</td>
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**PROGRAMME**
- ORTHOPAEDIC SURGEONS AND RESEARCHERS

### Industry Symposia

**12:15-13:00**  
**Biomet (in Room J1):**  
*Signature, Patient Specific Instrumentation in TKA*

*Moderator:*  
Emmanuel THIENPONT (Belgium)

**12:15-13:30**  
**KCI (in Room F3):**  
*What is the value of negative pressure (wound) technology in orthopaedic surgery? Are there new developments?*

*Moderator:*  
Wim FLEISCHMANN (Belgium)

**15:00-15:30**  
**Coffee break**

**15:30-16:00**  
**Presidential Lecture**  
*GLOBAL CHALLENGES IN ORTHOPAEDICS*

*Speaker:*  
Cody BÜNGER (Denmark)

**16:00-17:45**  
**Symposium**  
*Injury Prevention - A Focus on Cross-Border Interventions*

*Moderators:*  
Günther LOB (Germany)  
Carl HAASPER (Germany)

**CURRENT CONCEPTS OF CROSS BORDER AIR RESCUE AND TRANSPORT IN THE EUROPEAN UNION**  
Matthias RUPPERT (Germany)

**EXHIBITIONS – A TOOL FOR CHILD INJURY PREVENTION. MODELS AND EXPERIENCES MADE BY SAFE KIDS WORLDWIDE**  
Stefanie MÄRZHEUSER (Germany)

**THINKAUTO – INDO-GERMAN CLUSTER DEVELOPMENT INITIATIVE DEDICATED TO URBAN ROAD SAFETY**  
Uli SCHMUCKER (Germany)

**IMPROVING HEALTH SERVICES FOR LONG-DISTANCE TRUCK AND BUS DRIVERS – THE EUROPEAN INITIATIVE DOCSTOP**  
Uli SCHMUCKER, Dieter-Lebrecht KOCH (Germany)
26880 CAPABILITIES OF DRIVER ASSISTANCE SYSTEMS IN ACCIDENT SCENARIOS. AN INTERDISCIPLINARY INTERCONNECTION ANALYSIS BASED ON REAL ACCIDENT DATA USED AS APPROACH FOR THE POTENTIAL EVALUATION OF DRIVER ASSISTANCE SYSTEMS
Stefanie WEBER (Germany)

26857 BICYCLE HELMETS – DO WE NEED A EUROPEAN LEGISLATION? A HEALTH ECONOMIC PERSPECTIVE
Christian JUHRA, Udo WEISS, Marcus MESSERSCHMIDT, Britta WIESKÖTTER, Michael J. RASCHKE (Germany)
**Wednesday, 1 September**

**Room H1**

08:00-09:30 **Free Papers**

### Trauma

**Shoulder / Elbow**

*Moderators:*
Per OLERUD (Sweden)
Michael ULLMAN (Sweden)

**25608** PROXIMAL HUMERAL FRACTURE FIXATION – DOES THE IMPLANT MATTER?
Rahul KAKKAR, R. KAKWANI (United Kingdom)

**23183** THE USE OF LOCKING PLATES IN PROXIMAL HUMERAL FRACTURES: COMPARISON OF OUTCOME BY PATIENT AGE AND FRACTURE PATTERN
Uthman ALAO, Michael LEONARD, Aaron GLYNN, Mark DOLAN, Pat FLEMING (Ireland)

**26317** SURGICAL TREATMENT FOR NON-UNION OF THE MID-SHAFT CLAVICLE: ANALYSIS OF THE LONG-TERM RESULTS
Teng-Le HUANG, Horng-Chaung HSU, Ching Chieh YANG, Jiunn-Jer WU, Hsiu-Chen LIN, Hong-Wen WU (Taiwan)

**23490** CLAVICLE NAILING – A STUDY OF 40 CASES
Amit AGARWAL (India)

**25193** CORACOCLAVICULAR SUTURE ANCHOR FIXATION FOR ACUTE ACROMIOCLAVICULAR JOINT INURY AND LATERAL END CLAVICLE FRACTURES – OUR EXPERIENCE IN 23 PATIENTS
Sitaram GIRI, K. KATAM, Paresh SONSALÉ (United Kingdom)

**23388** EXTERNAL ROTATION SPLINT TO PREVENT RECURRENCE IN YOUNG ANTERIOR SHOULDER DISLOCATORS
Santosh VENKATACHALAM, Roland PRATT (United Kingdom)

**25694** MINOR SHOULDER INSTABILITY COMBINED WITH SUBACROMIAL IMPIEGEMENT. INTRA-ARTICULAR PATHOLOGY PRESENTING EXTRA-ARTICULAR SYMPTOMS
Ulf NORDENSON¹, Raffaele GAROFALO², Marco CONTI², Jennie CLASSON¹, Eva LINGER¹, Jón KARLSSON¹, Alex CASTAGNA²
¹(Sweden), ²(Italy)
A RANDOMISED CONTROLLED TRIAL COMPARING A LOCKING PLATE WITH NON-OPERATIVE TREATMENT IN ELDERLY PATIENTS WITH A DISPLACED 3-PART PROXIMAL HUMERAL FRACTURE
Per OLERUD, Leif AHRENGART, Sari PONZER, Jenny SAVING, Jan TIDERMARK (Sweden)

Coffee break

INTernational Collaboration Beyond The Culture Gap
Shinichi KIKUCHI (Japan)

Improvement of knee prosthetic surgery – Recommendations based on experience from the Nordic registers

Moderator:
Lars LIDGREN (Sweden)

Introduction – Pros and Cons TKA
Lars LIDGREN (Sweden)

EARLY COMPLICATIONS IN KNEE ARTHROPLASTY IN NORWAY – ROOM FOR IMPROVEMENT?
Ove FURNES (Norway)

EARLY COMPLICATIONS IN KNEE ARTHROPLASTY IN SWEDEN – CAN WE DO BETTER?
Martin SUNDBERG (Sweden)

PREVENTION OF KNEE PROSTHETIC INFECTION – WHAT’S THE EVIDENCE?
Es JÄMSEN (Finland)

THE LEARNING CURVE AND THE INFLUENCE OF SURGICAL VOLUME ON OUTCOME
Otto ROBERTSSON (Iceland)

Signature, Patient Specific Instrumentation in TKA

Moderator:
Emmanuel THIENPONT (Belgium)
KCI (in Room F3):
What is the value of negative pressure (wound) technology in orthopaedic surgery? Are there new developments?

Moderator:
Wim FLEISCHMANN (Belgium)

13:30-15:00
Lecture Free Papers
Trauma Elbow

Moderators:
Haim SHTARKER (Israel)
Hans WINGSTRAND (Sweden)

26820 THE USE OF NERVE STIMULATION DURING PERCUTANEOUS PINNING OF SUPRACONDYLAR FRACTURES IN CHILDREN
Haim SHTARKER, Riad DAKWAR, Alexander GUREVICH, Gershon VOLPIN (Israel)

26440 HEMIARTHROPLASTY FOR COMMINUTED DISTAL HUMERUS FRACTURES OF THE ELDERLY
Klaus BURKHART¹, Stefaan NIJS², Stefan MATTYASOVSZKY¹, Dominik GRUSZKA¹, Pol ROMMENS¹, Lars MÜLLER¹
¹(Germany), ²(Belgium)

26566 TOTAL ELBOW ARTHROPLASTY AS A TREATMENT OPTION IN COMPLEX INJURIES OF THE ELBOW IN ELDERLY PATIENTS
Lars BECKER, Kay SCHMIDT-HORLOHÉ, Andreas BONK, Reinhart HOFFMANN (Germany)

26558 THE VALIDATION OF RADIO-CAPITELLUM RATIO (RCR) MEASUREMENT ON HUMAN ELBOWS
Fanny CANET, Dominique ROULEAU, Emilie SANDMAN, Georges-Yves LAFLAMME, George ATHWAL, Yvan PETIT (Canada)

26554 IS NORMAL FUNCTIONAL OUTCOME POSSIBLE IN TYPE C INTERCONDYLAR DISTAL HUMERAL FRACTURES?
Aditya AGGARWAL, Tarun GOYAL (India)

25559 TENSION BAND WIRING FOR OLECRANON FRACTURE. SHOULD WE ROUTINELY REMOVE THE METALWORK?
Syah BAHARI, Mugtaba AMIN, Seamus MORRIS, Joseph SPARKES (Ireland)

25093 SIDE SWEEP INJURIES AROUND ELBOW
Mrinal SHARMA (India)
25797 MANAGEMENT OF ADULT PROXIMAL ULNAR FRACTURE WITH DIFFERENT METHODS OF PLATE FIXATION ALONG WITH A DESCRIPTION OF BADO I AND II COMMINUTED FRACTURE PATTERNS
Sudiptomohan MUKHOPADHYAY, A. GUHA, K. MOHANTY (United Kingdom)

15:00-15:30 Coffee break

15:30-16:00 Presidential Lecture (in Congress Hall)
GLOBAL CHALLENGES IN ORTHOPAEDICS
Cody BÜNGER (Denmark)

16:00-16:30 Symposium
Arthroplasty Registers – The International Perspective

Moderator: Johan KÄRRHOLM (Sweden)

THE CLINICAL SIGNIFICANCE OF NATIONAL THA REGISTRIES – WHAT CAN WE LEARN?
Henrik MALCHAU (United States)

16:30-17:45 Free Papers
Arthroplasty Hip

Moderators: Jean-Pierre COURPIED (France)
Johan KÄRRHOLM (Sweden)

25755 BEHAVIOR OF ISOELASTIC FEMORAL STEMS – LONG-TERM FOLLOW-UP RESULTS
Gennady KUROPATKIN (Russia)

25315 A PROSPECTIVE COMPARISON OF FEMORAL PERIPROSTHETIC STRESS-SHIELDING IN PATIENTS IMPLANTED WITH 4/5TH AND 1/3RD POROUS COATED CEMENTLESS FEMORAL STEMS
Vijay KUMAR, Rajesh MALHOTRA (India)

25871 THE IMPORTANCE OF ADEQUATE STEM ANTEVERSION FOR ROTATIONAL STABILITY IN THA. AN RSA STUDY WITH 10 YEARS FOLLOW UP
Sverrir KIERNAN, Leif RYD, Gunnar FLIVIK (Sweden)
PROGRAMME
- ORTHOPAEDIC SURGEONS AND RESEARCHERS

25602  REVISION TOTAL HIP ARTHROPLASTY: A CEMENTLESS MODULAR STEM COMPARED WITH CEMENTED LONG-STEM PROSTHESSES. A POPULATION-BASED STUDY FROM THE SWEDISH HIP ARTHROPLASTY REGISTER
Rüdiger WEISS, André STARK, Johan KÄRRHOLM (Sweden)

25833  BONE REMODELING AROUND SLPS (SELF LOCKING POROUS SYSTEM) CEMENTLESS HIP JOINT ENDOPROSTHESIS WITH PROXIMAL POROUS TITANIUM INSERTS
Aliaksei MASLAU, Alexander RUTSKY, Oleg NAVRAS (Belarus)

25660  RESULTS OF CEMENTLESS TOTAL HIP REPLACEMENT FOR BONY ANKYLOSIS IN PATIENTS WITH ANKYLOSING SPONDYLITIS
Rajesh MALHOTRA, Krishna Kiran EACHEMPATI, Vijay KUMAR (India)

24768  BONE REMODELING IN CEMENTLESS HA COATED THA STEMS AFTER 20 YEARS
Jens BOLDT (Switzerland)

26521  SIMULTANEOUS BILATERAL CEMENTLESS TOTAL HIP REPLACEMENT
Zoran POPOVIC, Radoslav BARJAKTAROVIC, Dragan RADOICIC (Serbia)

23958  PERIPROSTHETIC BONE MINERAL DENSITY CHANGES AROUND STEMLESS AND STEMMED CEMENTLESS ANATOMIC FEMORAL COMPONENTS
Young-Hoo KIM, Yoowang CHOI, Jun-Shik KIM (Korea)

23888  5 YEAR FOLLOW-UP RESULTS OF BONE MINERAL DENSITY AFTER IMPLANTATION OF A FEMORAL NECK HIP PROSTHESIS. A PROSPECTIVE ANALYSIS
Wolfram STEENS, Philipp MÜLLER, Ulrich SIMON, Ralf DECKING (Germany)
Pradaxa (dabigatranetexilat) B01AE07 Rx F. Indikation: Profylax av venös tromboembolisk sjukdom hos patienter som genomgått elektiv total protesoperation i höft- eller knäled. Styrkor och förpackningar: 10 x 1, 30 x 1 eller 60 x 1 blister. Kapslar 75 mg resp 110 mg.

Wednesday, 1 September
Room G4

08:00-09:30  Free Papers

Arthroplasty
Knee

Moderators:
Jacques CATON (France)
Jorma STYF (Sweden)

25168  MEDIUM TERM RESULTS OF PATELLOFEMORAL JOINT REPLACEMENT
Anupkumar SHETTY, Praveen SHARDA, S. MAHESWARAN (United Kingdom)

23770  PATELLAR RETENTION VERSUS PATELLAR RESURFACING DURING TKR – PROSPECTIVE, RANDOMIZED STUDY
Stefan CRISTEA, Vlad PREDESCU, Andrei PRUNDEANU, Florin GROSEANU, Tudor ATASIEI, Vlad GEORGEANU, Gheorghe PANAIT (Romania)

24940  ROLE OF PATELLAR REPLACEMENT IN TOTAL KNEE ARTHROPLASTY – A RETROSPECTIVE STUDY
Manuel RIBEIRO DA SILVA, Paulo OLIVEIRA, Nuno NEVES, Pedro RODRIGUES, Rui RIBEIRO, Carlos SIMÕES, Vitor VIDINHA, Rui PINTO, Abel TRIGO CABRAL (Portugal)

26624  HYBRID COMPONENT FIXATION IN TOTAL KNEE ARTHROPLASTY; 10-27 YEARS FOLLOW UP
Taik-Sun KIM, Jung-Ro YOON, Jae-Hyuk YANG, Hyuk JEGAL, Jun-Ho LEE, Mi-Nyeo YOON (Korea)

24005  TOTAL KNEE REPLACEMENT IN VARUS KNEES WITH BONE DEFECTS
Mrinal SHARMA, Yatinder KHARBANDA (India)

26580  EFFECT OF FEMORAL COMPONENT DESIGN ON PATELLAR TRACKING IN TOTAL KNEE ARTHROPLASTY
Raman THAKUR¹, Ajit DESHMUKH², Panagopoulos GEORGIA², Jose RODRIGUEZ²
¹(United Kingdom), ²(United States)

26214  FEMORAL SIZE IS ROTATION DEPENDENT
Emmanuel THIENPONT (Belgium)
25051  EX VIVO STABILITY LOSS OF HIGHLY CROSS LINKED ULTRA-HIGH MOLECULAR WEIGHT POLYETHYLENE (UHMWPE)
Orhun MURATOGLU, Keith WANNOMAE, Shannon ROWELL, Brad MICHELI, Henrik MALCHAU (United States)

25620  DRAINS AND TOTAL KNEE REPLACEMENTS – DO WE REALLY NEED THEM?
Rahul KAKKAR, M.J. DAWSON (United Kingdom)

25762  COMPARISON OF TOURNIQUET VERSUS NON-TOURNIQUET IN TOTAL KNEE ARTHROPLASTY; A META-ANALYSIS
Ilhan ALCELIK, Mohamed SUKEIK, Raymond POLLOCK, Josette BETTANY-SALTIKOV, Anand MISRA, Patrick ARMSTRONG (United Kingdom)

09:30-10:15  Coffee break

10:15-10:45  Plenary Lecture (in Congress Hall)

26869  INTERNATIONAL COLLABORATION BEYOND THE CULTURE GAP
Shinichi KIKUCHI (Japan)

10:45-12:15  Free Papers

Trauma
Humerus

Moderators:
Ian LESLIE (United Kingdom)
Jan TIDERMARK (Sweden)

25624  MANAGEMENT OF THE HUMERAL FRACTURE NON-UNION. OUR EXPERIENCE
Konstantinos TSITSKARIS, Muhammad RASHID, Mohit BANSAL, Joydeep SINGHA, Adel TAVAKKOLIZADEH, Graeme GROOM (United Kingdom)

24997  FUNCTIONAL OUTCOME OF PROXIMAL HUMERUS FRACTURE TREATED BY PHILOS PLATE
Munnan AL-NAJJIM, Abubaker MUSTAFA, Stephen LIPSCOMBE, Mohammed WAJEEEM (United Kingdom)

23368  MANAGEMENT OF GUNSHOT INJURIES OF THE HUMERUS
Imran SHAH, Mohammad Ali SHAH, Junaid SHAH, Saeed ALAM (Pakistan)

25680  MINIMALLY INVASIVE METHODS OF SURGICAL TREATMENT FOR INJURIES OF THE UPPER EXTREMITY IN CHILDREN
Mikhail GERASIMENKO, Alexandre BELETSKY, Stanislau TRATSIAK, Mikhail KOREN, Viktor GURKO (Belarus)
23949  FRACTURES OF PROXIMAL HUMERAL HEAD: CLINICAL AND RADIOPHGRAPHIC RELATIONSHIP IN PATIENTS WITH AVASCULAR NECROSIS HEAD
Juan Gabino GOMEZ MONT, Enrique CALETI, Felix GIL ORBEZO, Miguel Angel CLARA, Efrain FARIAS, Jorge CARDENAS (Mexico)

23467  THE ROLE OF EXTERNAL FIXATION IN THE TREATMENT OF ARTICULAR, PERI-ARTICULAR AND SHAFT FRACTURES OF THE HUMEROUS DUE TO WARFARE INJURIES
Emal WARDAK, Mohd. Mussa WARDAK (Afghanistan)

26004  EXTRA-ARTICULAR DISTAL HUMERAL FRACTURES TREATED WITH RETROGRADE HALDER HUMERAL NAIL
Anish KADAKIA, Ben BROOKE, Sunil PAI, Subhash C. HALDER (United Kingdom)

24925  OPEN REDUCTION AND INTERNAL FIXATION OF DISPLACED TWO PARTS SURGICAL NECK HUMERAL FRACTURES IN OSTEOPOROTIC PATIENTS BY THE LOCKING COMPRESSION PLATE
Nehad EL MAHOUB, Waleed ARAFAT (Egypt)

Industry Symposia

12.15-13.00  Biomet (in Room J1):
Signature, Patient Specific Instrumentation in TKA

Moderator:
Emmanuel THIENPONT (Belgium)

12:15-13:30  KCI (in Room F3):
What is the value of negative pressure (wound) technology in orthopaedic surgery? Are there new developments?

Moderator:
Wim FLEISCHMANN (Belgium)

13:30-15:00  Lecture
Free Papers

Trauma
Upper Femur

Moderators:
Vilmos VECSEI (Austria)
Karl-Göran THORNGREN (Sweden)

TREATMENT OF FEMORAL NECK FRACTURES
Vilmos VECSEI (Austria)
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<td>26417</td>
<td>DISLOCATION AND REOPERATION RATE IN UNIPOLAR AND BIPOLAR EXETER HEMIARTHROPLASTY IN PATIENTS WITH FEMORAL NECK FRACTURES</td>
<td>Lasse LAPIDUS, Carl Johan HEDBÄCK, Hans TÖRNKVIST, Anders ENOCSON</td>
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<td>26042</td>
<td>NO GENDER DIFFERENCES IN MORTALITY AND FUNCTIONAL OUTCOME AFTER HIP FRACTURE IN PATIENTS WITH NORMAL COGNITIVE FUNCTION</td>
<td>Bodil SAMUELSSON, Margareta HEDSTRÖM, Sari PONZER, Anita SÖDERQVIST, Eva SAMNEGÅRD, Karl-Göran THORNGREN, Tommi CEDERHOLM, Maria SÄAF, Nils DALÉN</td>
<td>Sweden</td>
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<td>25018</td>
<td>TREATMENT OF HIP FRACTURES USING A MINIMAL INVASIVE APPROACH FOR BIPOLAR ARTHROPLASTY – A RANDOMIZED TRIAL</td>
<td>Andreas UNGER, Felix RENKEN, Matthias BRAHM, Svenja RENKEN, Arndt P. SCHULZ</td>
<td>Germany</td>
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<td>25108</td>
<td>RETROSPECTIVE AND PROSPECTIVE STUDY OF OSTEOSYNTHESIS OF FRACTURE NECK FEMUR TREATED BY FIBULAR GRAFTING WITH OR WITHOUT COMPRESSION HIP SCREWS</td>
<td>Anubhav AGARWAL, Amit AGARWAL</td>
<td>India</td>
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<td>26569</td>
<td>BACKGROUND FACTORS IN YOUNG PATIENTS WITH FEMORAL NECK FRACTURES</td>
<td>Amer AL-ANI, Bodil SAMUELSSON, Wilhelmina EKSTRÖM, Richard BLOMFELDT, Gustav NEANDER, Jan TIDERMARK, Margareta HEDSTRÖM</td>
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<td>23959</td>
<td>HIP HEMIARTHROPLASTY IN FEMORAL NECK FRACTURES CEMENTED VS UNCEMENTED – A COMPARATIVE STUDY</td>
<td>Narayana Prasad KARAKKAD, Kishan PARALAYA</td>
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<td>26519</td>
<td>RESULTS AFTER CERVICAL HIP FRACTURE, A RETROSPECTIVE STUDY AT SÖDRA ALVSBORG HOSPITAL (SÄS) BORÅS</td>
<td>Vasileios SARAKATSIANOS, Michael MÖLLER</td>
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<td>2517</td>
<td>A NEW LOCKING PLATE AND DYNAMIC SCREW SYSTEM FOR INTERNAL FIXATION OF INTRACAPSULAR HIP FRACTURES; RESULTS FOR THE FIRST 211 PATIENTS TREATED</td>
<td>Nikolas JAGODZINSKI, Martyn PARKER</td>
<td>United Kingdom</td>
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<td>26035</td>
<td>THE ROLE OF PFNA BLADE IN THE TREATMENT OF FEMORAL NECK FRACTURES</td>
<td>László GERA, Tamás BÁNYAI, Levente PÓCS</td>
<td>Hungary</td>
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25623  MORE THAN 36 HOURS OF WAITING FOR SURGERY INCREASES THE RISK OF MEDICAL COMPLICATIONS FOR HIP FRACTURE PATIENTS. A SINGLE-COHORT STUDY OF 583 HIP FRACTURES
Daniel LINDBOM, Olof SKÖLDENBERG (Sweden)

15:00-15:30  Coffee break

15:30-16:00  Presidential Lecture (in Congress Hall)
GLOBAL CHALLENGES IN ORTHOPAEDICS
Cody BUNGER (Denmark)

16:00-17:45  Lecture  Free Papers
Trauma
Tibia / Fibula
Moderators:
Galal Zaki SAID (Egypt)
Magnus KARLSSON (Sweden)

MANAGEMENT OF DIAPHYSEAL NON-UNION
Galal Zaki SAID (Egypt)

23264  COMPARISON OF DIFFERENT TIBIAL SHAFT FRACTURE TREATMENT IN ADULTS (1000 CASE STUDY)
Firooz MADADI, Alireza EAJAZI, Firoozeh MADADI (Iran)

25767  RESULTS OF SURGICAL TREATMENT OF TIBIA NON-UNIONS AND FALSE JOINTS
Alexandre BELETSKY, Alexandre LINOV, Alexandre SITNIK, Oleg KORZUN (Belarus)

23265  EPIDEMIOLOGY OF ADULT'S TIBIAL SHAFT FRACTURE
Firooz MADADI, Alireza EAJAZI, Firoozeh MADADI (Iran)

26577  TREATMENT OF OPEN FRACTURES IN RATS WITH A COMBINATION OF BMP AND BISPHOSPHONATES CAUSES BOTH INCREASED FORMATION AS WELL AS INCREASED RETENTION OF THE NEW FORMED CALLUS
Magnus TÄGIL¹, Per BOSEMARK¹, Hanna ISAKSSON² ¹(Sweden), ²(Finland)

23583  A PROSPECTIVE RANDOMISED TRIAL TO COMPARE THE USE OF CLOSED INTRAMEDULLARY NAILING WITH THE PERCUTANEOUS PLATING IN THE TREATMENT OF DISTAL METAPHYSEAL FRACTURES OF TIBIA
Jiong Jiong GUO, Huilin YANG, Tiansi TANG (China)
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<td>GROWTH FACTOR RELEASE FOLLOWING TIBIAL FRACTURE</td>
<td>Kambiz SARAH RudI, Gholam PAJENDA, Vilmos VÉCSEI (Austria)</td>
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<td>25540</td>
<td>RESULTS OF FRACTURE TIBIA USING DCP IMPLANT WITH MIPO METHOD AND TECHNOLOGY</td>
<td>Sanjib Kumar BEHERA (India)</td>
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<td>25719</td>
<td>ARTHROSCOPIC-ASSISTED OSTEOSYNTHESIS OF TIBIAL PLATEAU FRACTURES</td>
<td>Oleg BONDAREV, Alexandre SITNIK, Alexandre BELETSKY (Belarus)</td>
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<td>25786</td>
<td>ROLE OF BONE TRANSPORT USING A STACKED TAYLOR SPATIAL FRAME IN THE MANAGEMENT OF BONE DEFECTS OF THE TIBIA</td>
<td>Taher YOUSRI, Andrew MCBRIDE, Steve MITCHELL, Monsell FERGAL, James LIVINGSTONE, Roger ATKINS, Mark JACKSON (United Kingdom)</td>
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<td>25989</td>
<td>MICROSURGICAL TRANSPLANTATION OF COMPLEX VASCULARIZED FIBULAR GRAFT IN TREATMENT OF PATIENTS WITH LONG BONES DEFECTS</td>
<td>Igor KURINNYI, Sergiy STRAFUN, Oleksandr STRAFUN (Ukraine)</td>
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Wednesday, 1 September
Room F1

08:00-09:30 Lecture Free Papers

Tumours
Giant Cells

Moderators:
Dariush GOURAN SAVADKOOOHI (Iran)
Björn GUNTERBERG (Sweden)

26818 CLINICAL ASPECTS AND PROGNOSTIC FACTORS OF GIANT CELL TUMOURS OF BONE
Miklós SZENDRÖI, Zoltán SÁPI, Imre ANTAL (Hungary)

24344 MOLECULAR PATHOGENESIS OF THE GIANT CELL TUMOR OF THE BONE
Yangguan WU¹, Jen Gwang HSIU¹, Kenneth SOMERS¹, Edward YANG¹, Anming CHEN²
¹(United States), ²(China)

24360 OSSIFYING MASS: BENIGN TUMOR OR MINERALIZING MALIGNANT SOFT TISSUE TUMOR – DIAGNOSTIC DILEMMA & MANAGEMENT
Ashok KUMAR, Akram JAWED, Shah KHAN, Chandra YADAV, Shishir RASTOGI (India)

25204 CLINICAL, X-RAY AND HISTOLOGICAL DIAGNOSTICS OF STERNUM NEOPLASMS AND THEIR SURGICAL TREATMENT
Ludmila PASHKEVICH, Iosif VORONOVICh, Ihar SHPILEUSKI (Belarus)

25892 MANAGEMENT OF GIANT CELL TUMOR OF LOWER END OF RADIUS: A COMPARATIVE STUDY
Saranatra WAIKAKUL (Thailand)

24486 INDICATION AND RESULTS OF EN BLOCK RESECTION IN AGGRESSIVE GIANT CELL TUMOR (GCT): 20-YEARS PERIOD STUDY
Dariush GOURAN SAVADKOOOHI, Babak SIAVASHI, Seyyed Siamak REZANEZHAD, Mozhgan SEIFI, Mohammad GOURAN SAVADKOOOHI (Iran)

23212 GIANT CELL TUMOUR OF THE DISTAL RADIUS: WIDE RESECTION AND RECONSTRUCTION BY NON-VASCULARISED PROXIMAL FIBULAR AUTOGRRAFT
Ayman BASSIONY (Egypt)
25735  SURGERY OF GIANT-CELL TUMORS (GCT)
Aleh KEZLIA, Ivan CHARHOVICH, Vladislav EROLOVICH, Alexander BENKO, Konstantine CHACHELKO (Belarus)

23211  CRYOSURGERY AND IMPACTION SUBCHONDRAL BONE GRAFT
FOR THE TREATMENT OF GIANT CELL TUMOR AROUND THE KNEE
Ayman BASSIONY, Mohamed ABDEL RAHMAN, Hisham SHALABY, Mohamed ASSAL (Egypt)

25295  RELEVANCE OF MIBI SCAN IN PROGNOSTICATING THE RESPONSE OF CHEMOTHERAPY IN PATIENTS OF PRIMARY MALIGNANT BONE TUMOURS
Aashish CHAUDHRY, Sudhir K. KAPOOR, Minal CHAUDHRY (India)

24559  TUMOUR LIKE LESIONS: A REPORT OF 37 CASES
Thamer HAMDAN (Iraq)

09:30-10:15  Coffee break

10:15-10:45  Plenary Lecture  (in Congress Hall)

26869  INTERNATIONAL COLLABORATION BEYOND THE CULTURE GAP
Shinichi KIKUCHI (Japan)

10:45-12:15  Lecture  Free Papers

Trauma
Knee

Moderators:
Gershon VOLPIN (Israel)
Mikael SUNDFELDT (Sweden)

PERIPROSTHETIC FRACTURES FOLLOWING TOTAL HIP AND KNEE REPLACEMENT
Gershon VOLPIN (Israel)

25903  RECOVERY OF KNEE FUNCTION AFTER THE JUDET QUADRICEPSPLASTY
P. Nithin UNNIKRISHNAN, Fiona DAGLISH, Giles STAMPS, Paula WHITTAKER, Norma HOLT, Selvadurai NAYAGAM (United Kingdom)

24052  CROSS-LEG FLAP: ITS ROLE IN LIMB SALVAGE
Narayana Prasad KARAKKAD, Sambathkumar BALAKRISHNAN (India)
26411  THE ILIZAROV EXTERNAL FIXATOR A USEFUL TREATMENT ALTERNATIVE FOR THE TREATMENT OF PROXIMAL TIBIAL FRACTURES
Telmo DE OLIVEIRA RAMOS, Jón KARLSSON, Lars NISTOR (Sweden)

25910  ARTHROSCOPIC-ASSISTED SURGICAL TECHNIQUE FOR TREATING PATELLA FRACTURES
Waleed ARAFAT, Nehad MAHBOUB (Egypt)

26069  SURGICAL TREATMENT OF AVULSION FRACTURE OF POSTERIOR CRUCIATE LIGAMENT: OUR EXPERIENCE
Vijay SHARMA, Kamran FAROOQUE, Purva MATHUR (India)

26412  TIBIAL PLATEAU FRACTURE REPAIRS AUGMENTED WITH CALCIUM PHOSPHATE CEMENT HAVE HIGHER IN SITU FATIGUE STRENGTH THAN THOSE WITH AUTOGRAFT
Amir MATITYAHU, Erik MCDONALD, Thomas CHU, Michael TUFAGA, Meir MARMOR, Ravinder SINGH, Duran YETKINLER, Jenni BUCKLEY, R. Trigg MCCLELLAN (United States)

23975  RESULTS OF TREATMENT OF SIMPLE AND COMMINUTED PATELLAR FRACTURES. A COMPARATIVE STUDY OF DIFFERENT TREATMENT MODALITIES
Gershon VOLPIN, Alexander GORSKI, Haim SHTARKER, Alexander KAUHANSKI, Genadi KIRAHNER, Leonid LICHTENSTEIN, Raviv SHACHAR (Israel)

Industry Symposia

12.15-13.00  Biomet (in Room J1):
Signature, Patient Specific Instrumentation in TKA
Moderator:
Emmanuel THIENPONT (Belgium)

12:15-13:30  KCI (in Room F3):
What is the value of negative pressure (wound) technology in orthopaedic surgery? Are there new developments?
Moderator:
Wim FLEISCHMANN (Belgium)

13:30-15:00  Free Papers
General Orthopaedics
Moderators:
Anthony HALL (United Kingdom)
Sari PONZER (Sweden)
A LONGITUDINAL RANDOMIZED STUDY OVER ORTHOPAEDIC APPLIANCE OF A GROUP OF DIABETES PATIENTS AT RISK – BASELINE RESULTS  
Ulla TANG, Roland ZÜGNER, Roy TRANBERG, Bjarne MILLESTEN (Sweden)

INTEGRATED CARE PATHWAYS IN TOTAL JOINT ARTHROPLASTY – ARE THEY EFFECTIVE? THE CAMBRIDGE EXPERIENCE  
Shruti RAUT, Christian MERTES, Vikas KHANDUJA (United Kingdom)

TREATMENT OF PATIENTS WITH PSEUDARTHROSES AND BONE DEFECTS WITH THE METHOD OF TRANSOSSEOUS OSTEOSYNTHESIS AFTER ILIZAROV  
Dmitry BORZUNOV (Russia)

RANDOMISED CONTROLLED TRIAL OF THE USE OF TOPICAL APPLICATION OF TRANEXAMIC ACID IN TOTAL HIP REPLACEMENT  
Sattar ALSHRYDA, Praveen SHARDA, Antoni NARGOL, S. MAHESWARAN, Chris TULLOCH, Anjani SINGH, S. LAKKOL, James MASON (United Kingdom)

MINIMAL INVASIVE TOTAL KNEE ARTHROPLASTY WITH OR WITHOUT NAVIGATION SYSTEM: A PROSPECTIVE, RANDOMIZED STUDY  
Kang-Il KIM, Dae-Kyung BAE, Kye-Youl CHO, Seung-Mok SHIN (Korea)

PERIOPERATIVE CELECOXIB ADMINISTRATION FOR PAIN MANAGEMENT AFTER TOTAL KNEE ARTHROPLASTY  
A DOUBLE-BLIND, RANDOMIZED CONTROLLED STUDY  
Ching-Chuan JIANG (Taiwan)

THE IMPACT OF SMOKING ON COMPLICATIONS AFTER OPERATIVELY TREATED ANKLE FRACTURES – A FOLLOW-UP STUDY ON 906 PATIENTS  
Hans NÄSELL, Sari PONZER, Hans TÖRKVIST, Johannes LINDÉ, Carin OTTOSSON (Sweden)

15:00-15:30 Coffee break

15:30-16:00 Presidential Lecture (in Congress Hall)

GLOBAL CHALLENGES IN ORTHOPAEDICS  
Cody BÜNGER (Denmark)
16:00-17:45 Symposium

SOF / International Federation of Paediatric Orthopaedic Societies (IFPOS):
Infections in Paediatric Orthopaedics

Moderator:
Hanne HEDIN (Sweden)

NEONATAL INFECTIONS
Henrik DÜPPE (Sweden)

26822 SPINE INFECTIONS IN CHILDREN
David ARONSSON (United States)

26862 INFECTIONS SIMULATING TUMORS
John P. DORMANS (United States)

26824 LATE SEQUELAE OF INFECTIONS
Patricia FUCS (Brazil)

INFECTIONS IN BONE AND JOINTS CAUSED BY TUBERCULOSIS AND FUNGHI – TREATMENT
George THOMPSON (United States)
NEW TECHNIQUES OF OSTEOSYNTHESIS OF DISTAL RADIUS FRACTURES – WHAT IS THE EVIDENCE?
Frédéric SCHUIND (Belgium)

INFUENCE OF THE TYPE OF TREATMENT FOLLOWING DISTAL RADIUS FRACTURE ON THE QUALITY OF LIFE
Klaudiusz KOSOWSKI, Wieslaw WISNIEWSKI, Leszek ROMANOWSKI (Poland)

VOLAR LOCKING PLATES; WHAT IS THE MINIMUM NUMBER OF LOCKING UNITS NEEDED FOR ADEQUATE FIXATION?
Santosh BALIGA, Alan JOHNSTONE (United Kingdom)

RADIOLOGICAL OUTCOMES OF DISTAL RADIUS EXTRAARTICULAR FRAGILITY FRACTURES TREATED WITH EXTRAFOCAL KIRSCHNER WIRES
Cian KENNEDY, Muiris KENNEDY, Aiden DEVITT (Ireland)

MECHANISMS OF TFCC INJURY IN COLLES’ FRACTURES
Johan SCHEER, Lars ADOLFSSON (Sweden)

COMPLICATIONS OF PALMAR LOCKING PLATE SYSTEM FOR DISTAL RADIUS FRACTURES
Yoshiki OKUDA (Japan)

12 MONTH FOLLOW-UP OF 115 INTRAARTICULAR DISTAL RADIUS FRACTURES OPERATED WITH A DORSAL PI-PLATE AND A VOLAR T-PLATE
Daniel REISER, Örjan WALLGREN, Kurt PETTERSSON (Sweden)

A NEW POLYAXIAL DISTAL RADIUS LOCKING PLATE (VARIAX®): EXPERIENCE WITH FIRST 100 CASES
Vasudev SHANBHAG, S. MALEK, N. VANNET, D. NEWINGTON, I.D. RUSSELL (United Kingdom)
**Programme**  
- Orthopaedic Surgeons and Researchers

**Wednesday, 1 September**  
**Room F2**

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<td><strong>NEW TECHNIQUES OF OSTEOSYNTHESIS OF DISTAL RADIUS FRACTURES – WHAT IS THE EVIDENCE?</strong></td>
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<td><strong>INFLUENCE OF THE TYPE OF TREATMENT FOLLOWING DISTAL RADIUS FRACTURE ON THE QUALITY OF LIFE</strong></td>
<td>Klaudiusz KOSOWSKI, Wieslaw WISNIEWSKI, Leszek ROMANOWSKI (Poland)</td>
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<td><strong>VOLAR LOCKING PLATES; WHAT IS THE MINIMUM NUMBER OF LOCKING UNITS NEEDED FOR ADEQUATE FIXATION?</strong></td>
<td>Santosh BALIGA, Alan JOHNSTONE (United Kingdom)</td>
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<td>22866</td>
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<td><strong>RADIOLOGICAL OUTCOMES OF DISTAL RADIUS EXTRA-ARTICULAR FRAGILITY FRACTURES TREATED WITH EXTRA-FOCAL KIRSCHNER WIRES</strong></td>
<td>Cian KENNEDY, Muiris KENNEDY, Aiden DEVITT (Ireland)</td>
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<td><strong>MECHANISMS OF TFCC INJURY IN COLLES’ FRACTURES</strong></td>
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<td>24389</td>
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<td><strong>COMPLICATIONS OF PALMAR LOCKING PLATE SYSTEM FOR DISTAL RADIUS FRACTURES</strong></td>
<td>Yoshiki OKUDA (Japan)</td>
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<td><strong>12 MONTH FOLLOW-UP OF 115 INTRAARTICULAR DISTAL RADIUS FRACTURES OPERATED WITH A DORSAL PI-PLATE AND A VOLAR T-PLATE</strong></td>
<td>Daniel REISER, Örjan WALLGREN, Kurt PETTERSSON (Sweden)</td>
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<td>25898</td>
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<td><strong>A NEW POLYAXIAL DISTAL RADIUS LOCKING PLATE (VARIAX®): EXPERIENCE WITH FIRST 100 CASES</strong></td>
<td>Vasudev SHANBHAG, S. MALEK, N. VANNET, D. NEWINGTON, I.D. RUSSELL (United Kingdom)</td>
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**PROGRAMME**

- ORTHOPAEDIC SURGEONS AND RESEARCHERS

22859 COMPARATIVE EVALUATION OF POST-REDUCTION INTRA-ARTICULAR DISTAL RADIUS FRACTURES BY RADIOGRAPHS AND MULTI DETECTOR COMPUTED TOMOGRAPHY WITH MULTIPLANAR AND THREE DIMENSIONAL RECONSTRUCTIONS AND ITS IMPACT ON TREATMENT
Sumit BATRA, V.K. SHARMA, Sumit ARORA, S.B. GROVER (India)

24058 CORRECTIVE OSTEOTOMY OF MALUNITED BOTH BONE FOREARM FRACTURES USING CUSTOM-MADE SURGICAL TEMPLATES
Tsuyoshi MURASE, Junichi MIYAKE, Yukari TAKEYASU, Kunihiro OKA, Sayuri ARIMITSU, Hisao MORITOMO, Hideki YOSHIKAWA (Japan)

26477 COMPARISON OF THE CLINICAL RESULTS OF DISTAL RADIUS FRACTURES TREATED WITH VCP PLATE AND A THREAD STABLE IMPLANT
László VÁMHIDY, Norbert WIEGAND (Hungary)

09:30-10:15 Coffee break

10:15-10:45 Plenary Lecture (in Congress Hall)

26869 INTERNATIONAL COLLABORATION BEYOND THE CULTURE GAP
Shinichi KIKUCHI (Japan)

10:45-11:30 Symposium

*Treatment of fractures in the osteoporotic spine*

*Moderator:
Paul GERDHEM (Sweden)*

PHARMACOLOGICAL TREATMENT AND CONSERVATIVE TREATMENT OF SPINE FRACTURES IN THE OSTEOPOROTIC PATIENT
Kristina ÅKESSON (Sweden)

VERTEBROPLASTY AND KYPHOPLASTY: CURRENT EVIDENCE
Mikkel ANDERSEN (Sweden)

INDICATIONS FOR SURGICAL TREATMENT IN PATIENTS WITH OSTEOPOROTIC SPINE FRACTURES
Bengt SANDÉN (Sweden)
11:30-12:15 Free Papers

Spine

Moderators:
Katsuji SHIMIZU (Japan)
Paul GERDHEM (Sweden)

23589 A RANDOMIZED TRIAL (FREE) OF BALLOON KYPHOPLASTY AND NONSURGICAL CARE FOR PATIENTS WITH ACUTE VERTEBRAL COMPRESSION FRACTURES: TWO YEAR RESULTS
Jan VAN MEIRHAEGHE¹, Douglas WARDLAW², Leonard BASTIAN³, Steven BOONEN¹
¹(Belgium), ²(United Kingdom), ³(Germany)

25361 PSEUDARTHROSIS FOLLOWING OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURE
Ramprasad KANCHERLA, Aravind JAYASWAL (India)

23891 POSTERIOR AND ANTERIOR/POSTERIOR SURGERY IN THORACOLUMBAR VERTEBRA FRACTURES: A COMPARATIVE STUDY
Mehmet BALIOGLU, Umit AYKUT, Alper KOKSAL (Turkey)

24941 PERCUTANEOUS AUGMENTED INSTRUMENTATION OF UNSTABLE THORACO-LUMBAR BURST FRACTURES
Nimrod RAHAMIMOV, Hani MULLA, Adi SHANI, Shay FREIMAN (Israel)

Industry Symposia

12:15-13:00 Biomet (in Room J1):
Signature, Patient Specific Instrumentation in TKA

Moderator:
Emmanuel THIENPONT (Belgium)

12:15-13:30 KCI (in Room F3):
What is the value of negative pressure (wound) technology in orthopaedic surgery? Are there new developments?

Moderator:
Wim FLEISCHMANN (Belgium)
13:30-15:00  **Free Papers**

**Sports Medicine**  
**Ankle / Foot**

*Moderators:*
Chadwick SMITH (United States)  
Jón KARLSSON (Sweden)

**25724**  **ACUTE ACHILLES TENDON RUPTURE: A RANDOMIZED, CONTROLLED STUDY COMPARING SURGICAL AND NON-SURGICAL TREATMENTS USING VALIDATED OUTCOME MEASURES**
Katarina NILSSON HELANDER, Karin GRÄVARE SILBERNAGEL, Roland THOMEÉ, Eva FAXÉN, Nicklas OLSSON, Bengt I. ERIKSSON, Jón KARLSSON (Sweden)

**25817**  **ARTHROSCOPIC TREATMENT OF SOFT TISSUE ANKLE IMPINGEMENT**
Stephen BREN NAN, Fadilla RAHIM, Jamie DOWLING, Stephen KEARNS (Ireland)

**25040**  **ACHTILLES TENDON HEALING WITH GROWTH FACTORS**
Martin MAJEWSKI (Switzerland)

**26078**  **INTERMITTENT PNEUMATIC COMPRESSION PROMOTES SOFT TISSUE REPAIR AND ENHANCES BIOMECHANICAL PROPERTIES DURING IMMOBILIZATION**
Paul ACKERMANN, Nicos SCHIZAS, Jian LI, Therese ANDERSSON, Anna FAH LGREN, Per ASPENBERG (Sweden)

**26160**  **DIAGNOSTIC INTERVENTION IN PERSISTENT PAIN AFTER ANKLE SPRAIN DETECTED TALAR INJURIES IN ALL CASES**
Dimosthenis ALASEIRLIS, Ioannis TERZIDIS, Eleftherios STEFAS, Konstantinos MICHAI L, Vasilios PAPAIOANNOU (Greece)

**24569**  **HISTOPATHOLOGY OF THE SUBCALCANEAL INSERTION SITE OF THE PLANTAR FASCIA – HEEL SPUR IS NOT A TRACTION SPUR**
Takenori MATSUDA, Tsukasa KUMAI, Ichiro HIGASHIYAMA, Yasushi SHINOHARA, Yasuhiro TANAKA, Yoshinori TAKAKURA (Japan)

**24419**  **DEVELOPMENT AND VALIDATION OF THE SPORTS ATHLETE FOOT AND ANKLE SCORE: AN INSTRUMENT FOR SPORTS-RELATED ANKLE INJURIES**
Marjolein MORSSINKHOF¹, Otis WANG², Laurence JAMES³, Huub VAN DER HEIDE¹, Ian WINSON³  
¹(Netherlands), ²(Australia), ³(United Kingdom)
25907 FUNCTIONAL RESULTS AFTER SURGICAL TREATMENT OF ANKLE FRACTURES IN ATHLETES: REVIEW OF 60 CASES
Sofia FERNANDES, Rui CERQUEIRA, José FRAGA, Tiago BARBOSA, João OLIVEIRA, António MOREIRA (Portugal)

25369 QUANTITATIVE ANALYSIS OF MRI-FEATURES AFTER SURGICAL REPAIR OF ACHILLES TENDON RUPTURE
Alexandre SITNIK, Ruslan SAKOVICH, Aleksandre BELETSKY (Belarus)

26342 EXTERNAL FIXATION FOR THE TREATMENT OF CHRONIC ACHILLES TENDON RUPTURES. COMPARATIVE STUDY
Andrey SEREDA, Vadim SEMENTOV, Andrey GRITSYUK (Russia)

23769 THE INFLUENCE OF SPORTS WITH TARSAAL COALITION
Ichiro HIGASHIYAMA, Tsukasa KUMAI, Yasushi SHINOHARA, Yasuhito TANAKA (Japan)

15:00-15:30 Coffee break

15:30-16:00 Presidential Lecture (in Congress Hall)
GLOBAL CHALLENGES IN ORTHOPAEDICS
Cody BÜNGER (Denmark)

16:00-17:45 Lecture Free Papers
Spine
Surgery / Fusion

Moderators:
Shinichi KONNO (Japan)
Hans TROPP (Sweden)

26863 SURGERY FOR LOW BACK PAIN
Shinichi KONNO (Japan)

24585 A RCT BETWEEN TRANSFORAMINAL LUMBAR INTERBODY FUSION (TLIF) AND POSTEROLATERAL FUSION IN THE DEGENERATIVE LUMBAR SPINE
Pavel NEUMANN, Christer JALALPOUR, Christer JOHANSSON, Rune HEDLUND (Sweden)

24086 EARLY REHABILITATION TARGETING COGNITION, BEHAVIOUR AND MOTOR FUNCTION AFTER LUMBAR FUSION
Allan ABBOTT, Raija TYNI-LENNÉ, Rune HEDLUND (Sweden)

25611 TRANSFUSION PATTERNS ASSOCIATED WITH PREOPERATIVE AUTOLOGOUS BLOOD DONATION IN ELECTIVE POSTERIOR MULTI-LEVEL LUMBAR SPINAL SURGERY
Cian KENNEDY¹, Frank P. CAMMISA JR², Aiden DEVITT¹
¹(Ireland), ²(United States)
26773 A PROSPECTIVE RANDOMIZED TRAIL BETWEEN TRANSFORAMINAL (TLIF) AND INSTRUMENTED POSTEROLATERAL FUSION (PLF) – A ONE YEAR FOLLOW-UP
Kristian HØY, Bent NIEDERMAN, Peter HELMIG, Ebbe Stender HANSEN, Li Hei SHENG, Thomas ANDERSEN, Cody BÜNGER (Denmark)

24101 COMPARISON OF MONOSEGMENAL POSTERIOR LUMBAR INTERBODY FUSION BETWEEN CAGE AND ALLOGRAFT MIXED WITH AUTOLOGOUS BONE MARROW
Yongsoo CHOI, Dahee KIM (Korea)

26185 IMPROVED QUALITY OF LIFE, PAIN, AND FUNCTION AFTER SPINAL FUSION IN CHRONIC LOW BACK PAIN ARE NOT DEPENDENT ON OPERATIVE TECHNIQUE: 2-YEAR-RESULTS OF 822 PATIENTS TREATED WITH POSTEROLATERAL OR POSTERIOR INTERBODY FUSION FROM THE SWEDISH NATIONAL SPINE REGISTER
Yohan ROBINSON, Bengt SANDÉN (Sweden)

24905 RISK FACTORS OF NONUNION AFTER LUMBAR POSTEROLATERAL FUSION
Chul Won LEE, Kyu Yeol LEE, Hyeon Jun KIM (Korea)

25688 FACET JOINT BIOMECHANICS AT THE TREATED AND ADJACENT LEVELS AFTER TOTAL DISC REPLACEMENT
Evalina BURGER, Sergiu BOTOLIN, Christian PUTTLITZ, Todd BALDINI, Anthony PETRELLA, Celeste ABJORNSON, Vikas PATEL (United States)

26735 ADJACENT SEGMENT DEGENERATION AFTER LUMBAR SPINAL FUSION: THE IMPACT OF ANTERIOR COLUMN SUPPORT – A RANDOMIZED CLINICAL TRIAL WITH AN 8- TO 13-YEAR MRI FOLLOW-UP
Cody BÜNGER, Tina Senholt VIDEBAEK (Denmark)

25183 A FULL ECONOMIC EVALUATION OF DISC PROSTHESIS VS. LUMBAR FUSION IN PATIENTS WITH CHRONIC LOW BACK PAIN – A RANDOMIZED CONTROLLED TRIAL WITH TWO-YEAR FOLLOW UP
Peter FRITZELL, Svante BERG, Tycho TULLBERG, Fredrik BORGSTROM, Hans TROPP (Sweden)

24199 DISC HEIGHT AND MOTION PATTERNS IN THE LUMBAR SPINE IN PATIENTS TREATED WITH TOTAL DISC REPLACEMENT OR FUSION FOR DISCOGENIC BACK PAIN. RESULTS FROM A RANDOMIZED CONTROLLED TRIAL
Svante BERG¹, Hans TROPP¹, Gunnar LIEVSETH²
¹(Sweden), ²(Norway)
Wednesday, 1 September
Room F4

08:00-09:30 Symposium

Biomaterials - Novel Strategies in Biomaterials and Regenerative Medicine

Moderator:
Peter THOMSEN (Sweden)

NANOTECHNOLOGY
Sam STUPP (United States)

BIOCERAMICS
Chang JIANG (China)

CARTILAGE CELL BIOLOGY AND REGENERATION
Anders LINDAHL (Sweden)

NOVEL BIOCERAMICS FOR DELIVERY OF CELLS AND MOLECULES
Håkan ENGQVIST (Sweden)

09:30-10:15 Coffee break

10:15-10:45 Plenary Lecture (in Congress Hall)

INTERNATIONAL COLLABORATION BEYOND THE CULTURE GAP
Shinichi KIKUCHI (Japan)

10:45-12:15 Lecture & Free Papers

Biomaterials

Moderators:
Marko PECINA (Croatia)
Rickard BRÅNEMARK (Sweden)

IMPLANTATION OF A NOVEL SYNTHETIC, BIODEGRADABLE SCAFFOLD FOR MENISCUS TISSUE REGENERATION
Peter VERDONK, Wouter HUYSESE, Ramses FORSYTH, Rene VERDONK (Belgium)

DEVELOPMENT OF A NEW CARRIER FOR BONE MORPHOGENETIC PROTEIN
Anders WESTERMARK (Sweden)
 WHICH FIXATOR IS MORE ELIGIBLE FOR PELVIC SUPPORT OSTEOTOMY?  
Sarper GURSU, Bilal DEMIR, Timur YILDIRIM, Aysegul BURSALI, 
Timur ER, Ramadan OKE, Vedat SAHIN (Turkey)

 STAINLESS STEEL ORTHOPAEDIC IMPLANT – HOW SAFE ARE THEY?  
Sitaram GIRI¹, S.C. GOEL² 
¹(United Kingdom), ²(India)

 SCAFFOLD MECHANO TRANSDUCTION IN A FUSION MODEL  
Jens Vinge NYGAARD, Casper FOLDAGER, Peter CLOETENS, Cody BÜRGER (Denmark)

 OSSEOINTEGRATION ON THE NANO-LEVEL REVEALED BY FOCUSED ION BEAM (FIB) AND TRANSMISSION ELECTRON MICROSCOPY (TEM) ANALYSIS  
Anders PALMQUIST, Kathryn GRANDFIELD, Håkan ENGQVIST, Peter THOMSEN (Sweden)

 EMBROIDERED AND SURFACE MODIFIED POLYCAPROLACTONE-CO-LACTIDE SCAFFOLDS AS BIOARTIFICIAL BONE SUBSTITUTE – IN VITRO CHARACTERIZATION AND IMPLANTATION IN CRITICAL SIZE DEFECTS IN THE SHEEP TIBIA  
Claudia RENTSCH, Barbe RENTSCH, Ricarda HESS, Annette BREIER, Dieter SCHARNWEBER, Ricardo BERNHARDT, Achim BIEWENER, Hans ZWIPP (Germany)

 SURFACE MODIFICATION OF MAGNESIUM-BASED ORTHOPAEDIC IMPLANTS BY AL2O3 PLASMA IMMERSION ION IMPLANTATION (PIII)  
Kelvin YEUNG, Hoi Man WONG, Kin On LAM, Vivian TAM, Paul CHU, Keith LUK, Kenneth CHEUNG (Hong Kong)

 STATIC MAGNETIC FIELD CONCURRENT WITH AUTOGENOUS BONE MARROW EFFECTS ON BONE DEFECT HEALING  
Zahra SHAFIEI SARVESTANI, Amin BIGHAM SADEGH, Mohamad SHADKHAST, Homayon Reza SHAHBAZKIA (Iran)

 BIOENGINEERED PERIOSTEAL PROGENITOR CELL SHEETS TO ENHANCE TENDON GRAFT-BONE HEALING IN ACL RECONSTRUCTION  
Chih-Hwa CHEN, Chien-Hao CHEN, Chih-Hsiang CHANG, Chun-I SU, Kun-Chung WANG, Hsien-Tao LIU, Chung-Ming YU, Chak-Bor WONG, I-Chun WANG (Taiwan)

 CO-SUBSTITUTED STRONTIUM AND SILICON APATITE COATINGS FOR METALLIC IMPLANTS  
Carl LINDAHL, Wei XIA, Jukka LAUSMAA, Per BORCHARDT, Peter THOMSEN, Håkan ENGQVIST (Sweden)
PROGRAMME
- ORTHOPAEDIC SURGEONS AND RESEARCHERS

Industry Symposia

12.15-13.00
Biomet (in Room J1):
Signature, Patient Specific Instrumentation in TKA

Moderator:
Emmanuel THIENPONT (Belgium)

12:15-13:30
KCI (in Room F3):
What is the value of negative pressure (wound) technology in orthopaedic surgery? Are there new developments?

Moderator:
Wim FLEISCHMANN (Belgium)

13:30-15:00
Lecture Free Papers

Tumours
Soft Tissue / Sarcomas

Moderators:
Wichien LAOHACHAROENSOMBAT (Thailand)
Peter BERGH (Sweden)

COMPLICATIONS AND PITFALLS OF SOFT-TISSUE SARCOMA TREATMENT
Gwen SYS (Belgium)

26316 TRENDS IN INCIDENCE OF SOFT TISSUE SARCOMAS 1984-2004 – EPIDEMIOLOGIC STUDY AND LITERATURE REVIEW
Christine WIBMER, Andreas LEITHNER, Nadine ZIELONKE, Matthias SPERL, Reinhard WINDHAGER (Austria)

25360 COMPLICATIONS IN SACRAL AMPUTATION FOR CHORDOMA
Wichien LAOHACHAROENSOMBAT, Adisak NATTHANARUNG, Ekkawit THAWORN (Thailand)

26302 COMPARISON OF THE PREOPERATIVE SCORING SYSTEM OF BAUER WITH FIVE INTERNATIONALLY USED SCORES FOR SPINAL METASTASES
Christine WIBMER, Andreas LEITHNER, Guenter HOFMANN, Heimo CLAR, Magdalena KAPITAN, Andrea BERGHOLD, Reinhard WINDHAGER (Austria)

26465 ENDOPROSTHETIC RECONSTRUCTION OF THE DISTAL TIBIA AND ANKLE JOINT AFTER RESECTION OF PRIMARY BONE TUMOURS
Andreas SHEKKERIS, Sammy HANNA, M.D. SEWELL, B.G.I. SPIEGELBERG, W.J.S. ASTON, G.W. BLUNN, S.R. CANNON, T.W.R. BRIGGS (United Kingdom)
24491  THE IMPACT OF SURGICAL MARGIN AND LOCAL RECURRENCE ON OVERALL SURVIVAL FOR INTERMEDIATE AND HIGH GRADE SOFT TISSUE SARCOMA OF THE EXTREMITIES
Bahtiyar DEMIRALP¹, Joseph ALDERETE², Eduardo NOVAI S², Peter ROSE², Kristy WEBER², Franklin SIM²
¹(Turkey), ²(United States)

25848  LEIOMYOSARCOMA OF THE BONE – A SINGLE CENTRE EXPERIENCE WITH 15 CASES OF A RARE ENTITY
Philipp Theodor FUNOVICS, Martin DOMINKUS (Austria)

26466  CLINICAL ASPECTS AND PROBLEMS OF MANAGEMENT OF BONE TUMOURS IN AFRICA
Farikou IBRAHIMA, Bernadette NGO NONGA, Mathieu MOTAH, Jean BAHEBECK (Cameroon)

26196  MULTISEGMENTAL EN-BLOC RESECTIONS FOR PRIMARY TUMORS AND SOLITARY METASTASIS OF THE THORACOLUMBAR SPINE
Alexander DISCH¹, Klaus-Dieter SCHASER¹, Ingo MELCHER¹, Claudia DRUSCHEL¹, Alessandro LUZZATI²
¹(Germany), ²(Italy)

26567  COMBINED EN BLOC CHEST WALL RESECTION AND VERTEBRECTOMY OF PRIMARY MALIGNANT SPINE TUMORS
Claudia DRUSCHEL, Alexander DISCH, Ingo MELCHER, Norbert HAAS, Klaus-Dieter SCHASER (Germany)

26014  ASSESSMENT OF THE TOKUHASHI SCORE AND ITS MODIFICATIONS IN 470 PATIENTS OF AARHUS METASTASES DATABASE WITH VERTEBRAL METASTASES
Miao WANG, Haisheng LI, Kristian HØY, Ebbe Stender HANSEN, Bent NIEDERMANN, Peter HELMIG, Yu WANG, Cody BÜNGER (Denmark)

15:00-15:30  Coffee break

15:30-16:00  Presidential Lecture (in Congress Hall)
GLOBAL CHALLENGES IN ORTHOPAEDICS
Cody BÜNGER (Denmark)

16:00-17:45  Symposium
The Malunited Stiff Shoulder / Stiff Elbow
Moderator:
Anders EKELUND (Sweden)
IDIOPATHIC FROZEN SHOULDER
Anders NORDQVIST (Sweden)
STIFFNESS AFTER SOFT TISSUE RECONSTRUCTION
Schwan KHOSCHNAU (Sweden)

Moderator:
Lars ADOLFSSON (Sweden)

THE STIFF ELBOW
Carl EKHOLM, Mikael ETZNER (Sweden)
Wednesday, 1 September
Room F5

13:30-15:00 Symposium

Lessons from the Swedish Hip, Knee & Spine National Quality Registers

Moderator: Per WRETENBERG (Sweden)

Johan KÄRRHOLM, Göran GARELLICK, Martin SUNDBERG, Björn STRÖMQVIST (Sweden)
Wednesday, 1 September
Room F5
13:30-15:00
Symposium
Lessons from the Swedish Hip, Knee & Spine National Quality Registers

Moderator:
Per WRETENBERG (Sweden)
Johan KÄRRHOLM, Göran GARELLICK, Martin SUNDBERG, Bjoern STRÖMQVIST (Sweden)
Trabecular Metal Revolution

With proven clinical results in primary, revision and reconstructive orthopedics, Trabecular Metal Technology is the Best Thing Next To Bone.
### Programme – Thursday, 2 September

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<thead>
<tr>
<th>Time</th>
<th>Congress Hall</th>
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<tr>
<td>08:00-09:30</td>
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<td>Symposium EFORT: Musculoskeletal Polytrauma</td>
<td>Free Papers Spine Spondylolisthesis/ Low Back Pain/ Basic Science</td>
<td>Free Papers Sports Medicine Knee/ Hip</td>
<td>Free Papers General Orthopaedics Management in Orthopaedics</td>
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<td>Symposium JOA: Surgical treatment for primary spinal infection</td>
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Thursday, 2 September  
Congress Hall

08:00-09:30  Symposium  
European Federation of National Associations of Orthopaedics and Traumatology (EFORT): 
Musculoskeletal Polytrauma

Moderator:  
Karl Göran THORNGREN (Sweden)

EPIDEMIOLOGY AND WHO INITIATIVE  
Karl Göran THORNGREN (Sweden)

HIGH ENERGY POLYTRAUMA  
Jerôme TORNETTI (France)

DAMAGE CONTROL, TRAUMA CHECKLIST  
Pierre HOFFMEYER (Switzerland)

LOW ENERGY POLYTRAUMA  
Pierre HOFFMEYER (Switzerland)

09:30-10:15  Coffee break

10:15-10:45  Plenary Lecture  
SPINAL MOTION SPARING: IS IT HERE TO STAY?  
Steven GARFIN (United States)

10:45-12:15  Symposium  
Japanese Orthopaedic Association (JOA): 
Surgical treatment for primary spinal infection

Moderator:  
Katsuji SHIMIZU (Japan)

Co-Moderator:  
Manabu ITO (Japan)

26813  CLINICAL AND RADIOLOGICAL OUTCOME OF SURGERY FOR PYOGENIC AND TUBERCULOUS SPONDYLITIS – COMPARISON BETWEEN SURGICAL TECHNIQUES AND BETWEEN DISEASE TYPES  
Hiroshi MIYAMOTO, Yoshiyuki OKADA, Koki UNO, Masatoshi SUMI (Japan)
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Moderator: Karl Göran THORNGREN (Sweden)  
EPIDEMIOLOGY AND WHO INITIATIVE  
HIGH ENERGY POLYTRAUMA  
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DAMAGE CONTROL, TRAUMA CHECKLIST  
Pierre HOFFMEYER (Switzerland)  
LOW ENERGY POLYTRAUMA  
Pierre HOFFMEYER (Switzerland) |
PROGRAMME
- ORTHOPAEDIC SURGEONS AND RESEARCHERS

24599  TIP TO APEX DISTANCE IN DHS FIXATION. AN AUDIT OF PRACTICE AT A DISTRICT GENERAL HOSPITAL
Dionysios TRIGKILIDAS, George MURPHY (United Kingdom)

24444  FUNCTIONAL OUTCOMES FOLLOWING INTRAMEDULLARY NAILING OF TROCHANTERIC HIP FRACTURES: A PILOT MULTICENTER, RANDOMIZED CONTROLLED TRIAL
Mohit BHANDARI¹, Alicja BOJAN², Carl EKHLÖM², Ole BRINK³, Anthony ADILI¹, Sheila SPRAGUE¹, Nasir HUSSAIN¹, Anders JÖNSSON⁴
¹(Canada), ²(Sweden), ³(Denmark), ⁴(Germany)

23584  COMPARISON OF THE PROXIMAL FEMORAL NAIL ANTIROTATION AND THE DYNAMIC HIP SCREW FOR UNSTABLE PROXIMAL FEMUR FRACTURES: A RANDOMISED, CONTROLLED TRIAL FROM CHINA
Jiong Jiong GUO, Huilin YANG, Tiansi TANG (China)

25113  INTRAMEDULLARY FIXATION WITH A THIRD GENERATION NAIL VERSUS THE SLIDING HIP SCREW FOR TROCHANTERIC HIP FRACTURES: A RANDOMISED TRIAL OF 600 PATIENTS
Nikolas JAGODZINSKI, Martyn PARKER (United Kingdom)

22837  USE OF PROXIMAL FEMORAL NAILING ANTIROTATION (PFNA) FOR HIP FRACTURES
Kiran SINGISETTI, Nicholas COOKE (United Kingdom)

25717  COMPARATIVE STUDY BETWEEN DYNAMIC HIP SCREW AND PROXIMAL FEMORAL LOCKED PLATE IN THE TREATMENT OF INTERTROCHANTERIC FEMORAL FRACTURES WITH DISTAL EXTENSION INTO SHAFT OF FEMUR
Waleed ARAFAT, Nehad EL MAHBOUB (Egypt)

23797  A BIOMECHANICAL ANALYSIS OF LAG SCREW POSITION IN THE FEMORAL HEAD FOR CEPHALOMEDULLARY NAILS USED TO FIX UNSTABLE PERITROCHANTERIC FRACTURES
James WADDELL, Paul KUZYK, Zdero RADOVAN, Suraj SHAH, Michael OLSEN, Gordon HIGGINS, Emil SCHEMITSCH (Canada)

15:00-15:30  Coffee break

15:30-16:00  Plenary Lecture

WHAT WILL SHAPE IMPROVEMENT IN THA IN THE FUTURE – TECHNOLOGY, TECHNIQUE OR TRAINING?
Ian LEARMONTH (United Kingdom)
# Thursday, 2 September
## Room H1

### 08:00-09:30 Free Papers

#### Spine
**Spondylolisthesis / Low Back Pain / Basic Science**

**Moderators:**
Cody BÜNGER (Denmark)
Tommy HANSSON (Sweden)

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<td>A 29 YEAR FOLLOW-UP OF PATIENTS WITH ISTHMIC SPONDYLOLISTHESIS GRADE III-V TREATED WITH FUSION IN SITU AT YOUNG AGE</td>
<td>Anders JOELSON, Karin FRENNERED (Sweden)</td>
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<td>25404</td>
<td>THE EFFECTS OF INTERVERTEBRAL DISC CELLS ON NERVE TISSUE</td>
<td>Karin LARSSON, Eva RUNESSON, Katarina JUNEVIK, Björn RYDEVIK, Helena BRISBY (Sweden)</td>
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<td>25936</td>
<td>THE IMPACT OF FEAR-AVOIDANCE MODEL VARIABLES ON DISABILITY IN PATIENTS DIVIDED IN TWO SUBGROUPS: SPECIFIC OR NON-SPECIFIC CHRONIC LOW BACK PAIN</td>
<td>Mari LUNDBERG, Karin FRENNERED, Olle HÄGG, Jorma STYF (Sweden)</td>
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<td>26457</td>
<td>A POTENTIAL SPECIFICITY PROBLEM REVEALED BY INTRADISCAL PRESSURE INCREASE TRANSFERRED TO ADJACENT DISCS DURING DISCOGRAPHY</td>
<td>Hanna BOLMINGER HEBELKA, Arne GAULITZ, Andreas NILSSON, Sten HOLM, Tommy HANSSON (Sweden)</td>
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<td>25988</td>
<td>THE EFFECTS OF MAL-PLACEMENT ON THE KINEMATICS OF THE INTERVERTEBRAL DISC ALLOGRAFT TRANSPLANTATION</td>
<td>Keith D-K LUK¹, Stephen K.L. LAM¹, Jun XIAO², Dike RUAN², Yu DING², William W. LU¹⁻²</td>
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<td>¹(Hong Kong), ²(China)</td>
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<td>25203</td>
<td>HISTOLOGICAL CHANGES IN THE YOUNG PORCINE LUMBAR SPINES AFTER CYCLIC LOADING</td>
<td>Olof THORESON, Adad BARANTO, Lars EKSTRÖM, Hans-Arne HANSSON, Mikael HELLSTRÖM, Leif SWÅRD (Sweden)</td>
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<td>25169</td>
<td>EFFECT OF ANNULAR TEARS ON LUMBAR DISC BIOMECHANICS</td>
<td>Gunnar ANDERSSON, Raghu NATARAJAN (United States)</td>
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PROGRAMME
- ORTHOPAEDIC SURGEONS AND RESEARCHERS

26201  HUMAN LIGAMENTUM FLAVUM CELLS EXPRESSED OSTEOSTROGENESIS IN BONE MORPHOGENETIC PROTEIN-2 TETHER PHOTOPOLYMERIZED GEL
Chih-Hwa CHEN, Chak-Bor WONG, Shu-Wen WHU, Hsia-Wei LIU, Mei-Yun WU (Taiwan)

09:30-10:15  Coffee break

10:15-10:45  Plenary Lecture (in Congress Hall)
SPINAL MOTION SPARING: IS IT HERE TO STAY?
Steven GARFIN (United States)

10:45-11:30  Symposium
The Achilles tendon: Update on treatment of ruptures, late ruptures and tendinosis

Moderator:
Jan LIDSTRÖM (Sweden)

Karin GRÄVARE SILBERNAGEL, Jón KARLSSON, Katarina NILSSON-HELANDER (Sweden)

11:30-12:15  Free Papers

Foot / Ankle

Moderators:
James WADDELL (Canada)
Jan LIDSTRÖM (Sweden)

25437  PERCUTANEOUS DISTAL METATARSAL OSTEOTOMY VERSUS DISTAL CHEVRON OSTEOTOMY FOR CORRECTION OF MILD-TO-MODERATE HALLUX VALGUS DEFORMITY
Yasser A. RADWAN, Ali M.R. MANSOUR (Egypt)

25140  THE CLINICAL OUTCOME OF ANKLE ARTHRODESIS AND TOTAL ANKLE ARTHROPLASTY IN THE RHEUMATIC PATIENT: A SYSTEMATIC REVIEW
Jacqueline VAN HEIJNINGEN, Huub J.L. VAN DER HEIDE, Thea P.M. VLIET VLIELAND (Netherlands)

26283  TRIPLE OSTEOTOMY FOR TREATMENT OF SEVERE HALLUX VALGUS
Syah BAHARI, Ahsan Javid BUTT, Lester D’SOUZA (Ireland)

25056  TREATMENT OF PLANTAR FASCITIS BY PERCUTANEOUS SURGERY
Félix PARALS, Xavier GONZALEZ-USTÉS, David BRAVO, Miguel Angel RIBAU, Jaume RIERA, Octavi VIA-DUFRESNE (Spain)
25303  FIRST METETRSOFALANGEAL ANKLE REPLACEMENT FOR MANAGEMENT OF HALLUX RIGIDUS  
Igor PAKHOMOV, Mihail SADOVOY, Valery PROHORENKO (Russia)

25739  CONCERNING TREATMENT OF OPEN FRACTURES OF ANKLE JOINTS  
Aleh KEZLIA, Konstantine CHACHELKO, Ivan CHARHOVICH (Belarus)

12:15-13:30  Industry Symposium

Medtronic (in Room F6):  
Bone Grafting Options: From Ceramics to BMP’s

Moderator:  
James STANNARD (United States)

13:30-15:00  Free Papers

Spine  
Deformity

Moderators:  
Hwa-Chang LIU (Taiwan)  
Rune HEDLUND (Sweden)

25334  ANALYSIS OF MRI RESULTS FOR ADOLESCENT IDIOPATHIC SCOLIOSIS WITH SPONDYLOLYSIS AND SPONDYLOLISTHESIS  
Mehmet BALIOGLU, Birol ORAL (Turkey)

24131  POSTERIOR CORRECTION OF ADOLESCENT IDIOPATHIC SCOLIOSIS: SOME INTERMEDIATE RESULTS USING DIFFERENT TECHNIQUES  
Sergey MLYAVYKH, Olga PERLMUTTER, Andrey SOSNIN, Andrey LEONTIEV (Russia)

24036  TREATMENT OF STATIC SCOLIOSIS AND PELVIC OBLIQUITY  
Ghassan SALAMEH (Syria)

26442  NIGHT-TIME PROVIDENCE BRACING COMPARED TO FULL TIME BOSTON BRACING IN ADOLESCENT IDIOPATHIC SCOLIOSIS. A PROSPECTIVE RANDOMIZED STUDY  
Per WESSBERG, Anders NORDWALL (Sweden)

24260  RESULTS OF BIPOLAR RELEASE IN THE TREATMENT OF CONGENITAL MUSCULAR TORTICOLIS IN PATIENTS OLDER THAN 10 YEARS OF AGE  
Kamal BALI, Sudesh PEBAM, Mandeep DHILLON (India)

25801  TRUNK PROPORTIONALITY CHANGE FEATURES IN PATIENTS WITH HEAVY PROGRESSIVE SCOLIOTIC SPINE DEFORMITIES  
Darya TESAKOVA, Dmitry TESAKOV (Belarus)
15:00-15:30  Coffee break

15:30-16:00  Plenary Lecture (in Congress Hall)

WHAT WILL SHAPE IMPROVEMENT IN THA IN THE FUTURE – TECHNOLOGY, TECHNIQUE OR TRAINING?
Ian LEARMONT (United Kingdom)

16:00-17:45  Symposium

Epiphysen:  
Hot Topics

Moderator:
Kim STRANGER (Sweden)

DIRECT TELE MEDICINE
Alexander BÖRVE (Sweden)

NEURONAL MECHANISMS IN TENDON HEALING
Daniel BRING (Sweden)

VITAMIN D: ASPECTS ON CAUSES, DIAGNOSIS AND BONE HEALTH
Greta SNELLMAN (Sweden)

Epiphysen:  
Pro and Con Debate

Moderators:
Erica ARVERUD (Sweden)
Camilla BERGH (Sweden)

FIXATION OF HIP ARTHROPLASTY – WITH OR WITHOUT CEMENT?
Nils HAILER, André STARK (Sweden)

CONTROLLED FRACTURE IMPACTION – THE SAFEST WAY TO GO IN UNSTABLE TROCHANTERIC FRACTURES
Hans NÄSELL, Ola A. OLSSON (Sweden)
A minimally invasive solution.
Fibula Rod System
Learn more by visiting us at Booth #35
Thursday, 2 September
Room G4

08:00-09:30 Lecture Free Papers

Sports Medicine
Knee / Hip

Moderators:
Thami BENZAKOUR (Morocco)
Jón KARLSSON (Sweden)

26861 EVIDENCE-BASED UPDATE: DOUBLE BUNDLE ACL RECONSTRUCTION
Robert A. PEDOWITZ (United States)

24259 PROPRIOCEPTIVE POTENTIAL OF THE RESIDUAL STUMP OF AN INJURED ANTERIOR CRUCIATE LIGAMENT: AN IMMUNOHISTOLOGICAL STUDY
Kamal BALI, Mandeep DHILLON, R.K. VASHISHTA (India)

23626 ARTHROSCOPIC RECONSTRUCTION OF THE HIP LABRUM WITH GRACILIS AUTOGRAGFT
Dean MATSUDA (United States)

24426 THE REHARVESTED PATELLAR TENDON HAS THE POSSIBILITY FOR LIGAMENTIZATION WHEN USED FOR ANTERIOR CRUCIATE LIGAMENT REVISION SURGERY
Sven STENER, Jüri KARTUS, Tomas MOVIN, Lars EJERHED (Sweden)

25902 POOR RESULTS AFTER ALLOGRAFT ACL RECONSTRUCTION WITH CHEMICALLY PREPARED TISSUE
Vasudev SHANBHAG, G. EDWARDS, K. VERAVALLI, A.P. DAVIES (United Kingdom)

25788 A POPULATION BASED NATIONWIDE STUDY OF ANTERIOR CRUCIATE LIGAMENT (ACL) INJURY AMONG 55,559 PATIENTS IN SWEDEN
Richard NORDENVALL, Shahram BAHMANYAR, Johanna ADAMI, Carin STENROS, Torsten WREDMARK, Li FELLÄNDER-TSAI (Sweden)

23582 RECONSTRUCTION OF THE MEDIAL PATELLOFEMORAL AND PATELLOTIBIAL LIGAMENTS IN CASES OF RECURRENT PATELLAR DISLOCATION
Ayman EBIED, Adel EL SAIDEY, Ahmed Hany SALEH (Egypt)
08:00-09:30 Lecture Free Papers
Sports Medicine
Knee / Hip – Lecture & Free Papers
Moderators: Thami BENZAKOUR (Morocco), Jón KARLSSON (Sweden)

26861 EVIDENCE-BASED UPDATE: DOUBLE BUNDLE ACL RECONSTRUCTION
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09:30-10:15 Coffee break

10:15-10:45 Plenary Lecture (in Congress Hall)
SPINAL MOTION SPARING: IS IT HERE TO STAY?
Steven GARFIN (United States)

10:45-12:15 Lectures
Free Papers
Arthroplasty
Hip - Revision / Infections

Moderators:
László BUCSI (Hungary), Christer STRÖMBERG (Sweden)

23833 ACETABULAR REVISION AS A COST-EFFECTIVE METHOD
László BUCSI, Ferenc DOBOS (Hungary)

26808 A CEMENTLESS REVISION SYSTEM FOR PELVIC DEFECTS (D’ANTONIO TYPE I-IV)
Maximilian RUDERT, Boris HOLZAPFEL (Germany)

25366 HIP REVISION USING IMPACtION BONE GRAFTING AND A CEMENT: RADIOSTEREOMETRIC ANALYSIS OF 25 CONSECUTIVE PATIENTS FOLLOWED UP TO 9 YEARS
Vasilios ZAMPELIS, Ewald ORNSTEIN, Herbert FRANZÉN, Isam ATROSHI (Sweden)

25638 TOTAL HIP REPLACEMENT FOR ARTHRITIS FOLLOWING TUBERCULOSIS OF HIP
Vijay KUMAR, Rajesh MALHOTRA, Bhavuk GARG (India)
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<td>REVISION TOTAL HIP ARTHROPLASTY USING THE TAPERED PRESS-FIT CEMENTLESS STEM IN ELDERLY PATIENTS</td>
<td>Jun-Dong CHANG, Manish CHAUDHARI, Yong-Kuk KIM, Jae-Chul BYUN (Korea)</td>
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<td>RECONSTRUCTION OF A SEVERE ACETABULAR DEFECT (PAPROSKY TYPE 3B) USING A TOTAL ACETABULAR ALLOGRAFT</td>
<td>Rajesh MALHOTRA, Vijay KUMAR, Bhavuk GARG (India)</td>
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<td>THE USE OF ALLOGRAFT PROSTHESIS COMPOSITE FOR EXTENSIVE PROXIMAL FEMORAL BONE DEFICIENCIES: A 2-TO 9.8 YEAR FOLLOW-UP STUDY</td>
<td>Ji-hyo HWANG (Korea)</td>
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<td>26661</td>
<td>2 YEAR FOLLOW UP OF TANTAL AUGMENTATION IN REVISION THA</td>
<td>Yannic BANGERT, Daniel KENDOFF, Bernd SCHWANTES, Thorsten GEHRKE (Germany)</td>
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<td>25645</td>
<td>USE OF A CEMENT IMPREGNATED SPACER IN TWO STAGE REVISION HIP ARTHROPLASTY FOR INFECTED HIP ARTHROPLASTY</td>
<td>Vijay KUMAR, Rajesh MALHOTRA, Dharmesh KHATRI, Bhavuk GARG (India)</td>
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<td>25774</td>
<td>AGGRESSIVE EARLY DEBRIDEMENT CAN BE SUCCESSFUL FOR INFECTED TOTAL HIP ARTHROPLASTY</td>
<td>Mohamed SUKEIK, Fares Sami HADDAD (United Kingdom)</td>
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<td>25296</td>
<td>IMPINGEMENT FOLLOWING CONTEMPORARY RESURFACING ARTHROPLASTY OF THE HIP</td>
<td>Youn-Soo PARK, Seung-Jae LIM, Chul-Hee JUNG (Korea)</td>
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12:15-13:30 **Industry Symposium**

**Medtronic (in Room F6):**

*Bone Grafting Options: From Ceramics to BMP’s*

**Moderator:**

James STANNARD (United States)

13:30-15:00 **Free Papers**

**Arthroplasty**

*Hip - Position / Approach / Complications*

**Moderators:**

Philippe HERNIGOU (France)

KG NILSSON (Sweden)
23741  THE EFFECT OF FEMORAL NECK NOTCHING WITH THE BIRMINGHAM MID-HEAD RESECTION  
James P. WADDELL, Michael OLSEN, Peter M. LEWIS, Emil H. SCHEMITSCH (Canada)

23002  CONSTRAINED VERSUS STANDARD LINER IN NEUROLOGIC HIP ARTHROPLASTY  
Philippe HERNIGOU, Alexandre POIGNARD, Paolo FILLIPINI (France)

23735  PROPRIOCEPTION AND BALANCE IMPROVEMENT AFTER TOTAL HIP ARTHROPLASTY THROUGH A MODIFIED DIRECT LATERAL APPROACH IN PATIENTS WITH HIGH HIP DYSPHASIA  
Goran BICANIC, Ana ALJINOVIC, Domagoj DELIMAR (Croatia)

24274  THE EFFECT OF PROSTHESSES PLACEMENT AND ROTATION ON DEXA MEASUREMENT IN HIP ARTHROPLASTY  
Pim VAN EGMOND, Petra DIBBETS, Imad AL YOUNIS, Huub J.I. VAN DER HEIDE (Netherlands)

24500  A SPECIFIC COMPLICATION OF DUAL MOBILITY CUP, THE INTRA-PROSTHETIC DISLOCATION  
Remi PHILIPPOT, Bertrand BOYER, Frederic FARIZON (France)

23642  INTERPROSTHETIC FEMORAL FRACTURES: ANALYSIS OF OUR EXPERIENCE, AND PRESENTATION OF A NEW CLASSIFICATION SCHEME  
Patrick PLATZER, Monika LUXL, Rupert SCHUSTER, Gerhild THALHAMMER, Manuela JAINDL, Vilmos VÉCSEI (Austria)

23767  COMPARATIVE STUDY CLINICAL, RADIOLOGICAL AND DIGITALLY ON BONE INTEGRATION FEMORALE ON MIS DIRECT ANTERIOR APPROACH VERSUS HARDINGE APPROACH IN TOTAL HIP REPLACEMENTS  
Stefan CRISTEA, Florin GROSEANU, Andrei PRUNDEANU, Vlad PREDESCU, Vlad GEORGEANU, Constantin VERTAN, Mihai Viorel POPESCU (Romania)

23734  IMPROVEMENT OF THE STRENGTH OF THE HIP MUSCLES AFTER TOTAL HIP ARTHROPLASTY THROUGH A MODIFIED DIRECT LATERAL APPROACH IN PATIENTS WITH HIGH HIP DYSPHASIA  
Goran BICANIC, Ana ALJINOVIC, Domagoj DELIMAR (Croatia)

15:00-15:30  Coffee break

15:30-16:00  Plenary Lecture  (in Congress Hall)

WHAT WILL SHAPE IMPROVEMENT IN THA IN THE FUTURE – TECHNOLOGY, TECHNIQUE OR TRAINING?  
Ian LEARMONTH (United Kingdom)
### Lecture 16:00-17:45

**Arthroplasty**  
Hip - Osteotomy / Avascular Necrosis

**Moderators:**  
Francesco SANTORI (Italy)  
Olle NILSSON (Sweden)

#### AVN TRADITIONAL IMPLANTS, RESURFACING OR SHORT STEMS

Francesco SANTORI (Italy)

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<td>25877</td>
<td>SPHERICAL ACETABULAR OSTEOTOMY FOR OSTEOARTHRITIS OF THE HIP: OUTCOMES AFTER MORE THAN 15 YEARS FOLLOW-UP</td>
<td>Yoshihiro NAKAMURA, Yoshitaka NAGATSURU, Tomomi MATSUOKA, Akihiro KAWANO, Etsuo CHOSA (Japan)</td>
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| 23237      | WEAR ANALYSIS OF METAL-ON-METAL HIP RESURFACING IMPLANTS REVISED DUE TO PSEUDOTUMOURS | Young-Min KWON¹, Sion GLYN-JONES², David SIMPSON², Amir KAMALI², Peter MCLARDY-SMITH², Harinderjit S. GILL², David MURRAY²  
  ¹(United States), ²(United Kingdom) |
| 25682      | OUR EXPERIENCE IN THE TREATMENT OF PERIPROSTHETIC VANCOUVER B TYPE FRACTURES | Razvan Silviu CISMASIU, Emil George HARITINIAN, Dan Constantin GEAMANU, Mihai Viorel POPESCU (Romania) |
| 25878      | TROCHANTERIC OSTEOTOMY. THE INCIDENCE OF TROCHANTERIC NON-UNION, SUBLUXATION AND REVISION FOR DISLOCATION | Michael WROBLEWSKI, Paul SINEY, Patricia FLEMING (United Kingdom) |
| 26370      | TO COMPARE THE CLINICAL OUTCOME BETWEEN CORE DECOMPRESSION WITH BONE GRAFTING AND CORE DECOMPRESSION WITHOUT BONE GRAFTING IN AVASCULAR NECROSIS OF HIP | Amit AGARWAL, C.S. YADAV, Ashok KUMAR, Dilpreet SINGH, Sujit TRIPATHY (India) |
| 25852      | AVASCULAR NECROSIS OF FEMORAL HEAD: RESULTS OF TREATMENT WITH BONE GRAFT AND SURGICAL HIP DISLOCATION | Jaime LOPEZ, Dante PARODI, Javier BESOMI, Carlos TOBAR, Luis MOYA, Joaquin LARA, Claudio MELLA (Chile) |
25324  METAL-ON-METAL HIP RESURFACING ARTHROPLASTY FOR AVASCULAR NECROSIS OF THE FEMORAL HEAD
Youn-Soo PARK, Seung-Jae LIM, Chul-Hee JUNG (Korea)

23141  OUTCOME OF METAL ON METAL RESURFACING SURGERY BETWEEN AVN AND OA OF HIPS (SHORT TERM STUDY)
Firooz MADADI, Seyyed Morteza KAZEMI, Armin ALAMI HARANDI, Mohammad Reza ABBASIAN, Firoozeh MADADI, Alireza EAJAIZI (Iran)

24275  THE LONGEVITY OF HEMIARTHROPLASTIES IN YOUNG PATIENTS
Pim VAN EGMOND, Antonie H.M. TAMINIAU, P.D. Sander DIJKSTRA, Huub J.I. VAN DER HEIDE (Netherlands)

26112  BLOOD METAL ION LEVELS AND CHROMOSOMAL ABERRATIONS IN PATIENTS WITH METAL ON METAL RESURFACING ARTHROPLASTY OF THE HIP
Ashley BLOM, Michael PARRY, Martin FIGGETT, Patrick CASE (United Kingdom)
### Thursday, 2 September
#### Room F1

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<td>Lecture/Free Papers</td>
<td>General Orthopaedics&lt;br&gt;Management in Orthopaedics&lt;br&gt;&lt;br&gt;Moderators:&lt;br&gt;William HARRIS (United States)&lt;br&gt;Kristina ÅKESSON (Sweden)</td>
<td>25049 OPTIMIZATION OF A TEACHING CONFERENCE&lt;br&gt;William HARRIS (United States)</td>
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<td>24923 MISDIAGNOSIS AND DELAYED DIAGNOSIS IN ORTHOPEDICS– EVALUATION OF INCIDENT REPORTS AT A JAPANESE HOSPITAL&lt;br&gt;Takashi YAMAZAKI, Yoshiyasu KOKUBO (Japan)</td>
<td>26456 INTERNET USE BY ORTHOPAEDIC OUTPATIENTS&lt;br&gt;Joseph BAKER¹, James GREEN², Synnott KEITH¹, Michael STEPHENS¹, Ashley POYNTON¹, Kevin MULHALL¹&lt;br&gt;¹(Ireland), ²(New Zealand)</td>
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<td>26131 MITIGATING GLOBAL MUSCULOSKELETAL BURDEN THROUGH TRANSNATIONAL ACADEMIC COLLABORATION: IGOT&lt;br&gt;Richard COUGHLIN, Jonathan PHILLIPS, Thomas PENOYAR, Amber CALDWELL, Richard GOSSÉLIN, Harry JERGENSEN (United States)</td>
<td>25790 SURGICAL SAFETY CHECKLISTS: AUDIT OF NPSA AND WHO CHECKLIST USAGE&lt;br&gt;Gill SUKHDEEP, Sunny DEO, Matt OWEN (United Kingdom)</td>
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<td>26149 TONK SCORE; AN OBJECTIVE METHOD OF ANALYSING MEDICAL NOTES&lt;br&gt;Adele Elizabeth SAYERS, Zeeshan KHAN, Iain CHAMBERS (United Kingdom)</td>
<td>24310 POST-OPERATIVE NOTES: DO WE WRITE ENOUGH?&lt;br&gt;Paraskumar MOHANLAL, Sunil JAIN (United Kingdom)</td>
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<td>25067 FIRST-YEAR MORTALITY FOLLOWING HIP FRACTURE SURGERY AND PREOPERATIVE USE OF LOW-DOSE ACETYLSALICYLIC ACID: A SUBGROUP ANALYSIS OF A RANDOMIZED CONTROLLED TRIAL&lt;br&gt;Annika Kragh EKSTAM, Isam ATROSHI, Markus WALLDÉN, Anna APELQVIST (Sweden)</td>
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23942  HEALTH RELATED QUALITY OF LIFE (EQ-5D) BEFORE AND AFTER ORTHOPAEDIC SURGERY  
Karl-Åke JANSSON, Fredrik GRANATH (Sweden)

23393  QUALITY OF REFERRALS FROM MINOR INJURIES UNIT  
Santosh VENKATAchalAM, Paul DIXON (United Kingdom)

26235  A NOVEL MODEL FOR LEAN PRODUCTION CLINICAL IMPROVEMENTS AND A SUPPORTING INTERNATIONAL DATABASE FOR CLINICAL HEALTHCARE IMPROVEMENT IN GENERAL  
Erik VESTBERG, Kerstin CARLSSON, Dan JOHANNESSON (Sweden)

25567  SHO’S BETTER AT CONSENT THAN CONSULTANTS  
Yusuf MIRZA, Sibtain HUSSAIN (United Kingdom)

09:30-10:15  Coffee break

10:15-10:45  Plenary Lecture (in Congress Hall)  
SPINAL MOTION SPARING: IS IT HERE TO STAY?  
Steven GARFIN (United States)

10:45-12:15  Symposium

How to recruit – and keep – residents in orthopaedic surgery

Moderator:  
Cecilia ROGMARK (Sweden)

FEMALE ORTHOPAEDICS  
Marie WEDIN, Ilka KAMRAD, Lennart LANDIN, Eva PONTEN (Sweden)

12:15-13:30  Industry Symposium

Medtronic (in Room F6): Bone Grafting Options: From Ceramics to BMP’s

Moderator:  
James STANNARD (United States)
13:30-15:00 **Symposium**

**Orthopaedic Surgical Osseointegration Society (OSOS): Osseointegration & Amputation Prostheses**

*Moderators:*
Rickard BRÅNEMARK (Sweden)
Richard J. O’DONNELL (United States)

*Welcome and Introduction*
Rickard BRÅNEMARK¹, Richard J. O’DONNELL²
¹(Sweden), ²(United States)

**THE HISTORY OF OSSEOINTEGRATION**
Rickard BRÅNEMARK (Sweden)

**OSSEOINTEGRATION IN LIMB SALVAGE PROCEDURES**
Richard J. O’DONNELL (United States)

**NANO OSSEOINTEGRATION**
Peter THOMSEN (Sweden)

**TARGETED REINNERVATION: DEVELOPMENT OF A NEURAL INTERFACE FOR ARTIFICIAL LIMBS**
Todd KUIKEN (United States)

15:00-15:30 **Coffee break**

15:30-16:00 **Plenary Lecture (in Congress Hall)**

**WHAT WILL SHAPE IMPROVEMENT IN THA IN THE FUTURE – TECHNOLOGY, TECHNIQUE OR TRAINING?**
Ian LEARMONTH (United Kingdom)

16:00-17:00 **Symposium**

**Orthopaedic Surgical Osseointegration Society (OSOS): Osseointegration**

*Moderator:*
Peter THOMSEN (Sweden)

**ULTRA-HIGH RESOLUTION INTERFACE ANALYSIS OF RETRIEVED OSSEOINTEGRATED IMPLANTS**
Anders PALMQUIST (Sweden)

**A FEM ANALYSIS OF STABILIZING SKIN FOR OSSEOINTEGRATION**
Todd KUIKEN (United States)
OSSEOINTEGRATION AND NEURAL INTERFACES
Max ORTIZ (United States)

BIOMECHANICS OF TRANSFEMORAL AMPUTEES FITTED WITH OSSEOINTEGRATED FIXATION: LOADING DATA FOR EVIDENCE-BASED PRACTICE
Laurent FROSSARD (Canada)

17:00-17:45 Instructional Course

Compressive Osseointegration Technology
PERFECT SURGERY IS IN YOUR HANDS.

BUT PERFECT PLANNING IS IN YOUR FINGERTIP

Web-based and PACS-independent, Sectra Preop Online will simplify your planning process enormously. With just a few clicks, you can plan almost any hip and knee surgery, with absolute precision. How? Many reasons. Easy-to-use clickguides is one. Another is fingertip access to 50,000 prosthesis templates from all leading manufacturers, the largest database by far. But don’t take our word for it. Check out the demo for yourself at preponline.com.
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<td>Infection</td>
<td><strong>A REVIEW OF NECROTIZING FASCIITIS IN THE EXTREMITIES</strong></td>
<td>Jason Pui Yin CHEUNG (Hong Kong)</td>
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<td><strong>EVALUATION OF SENSITIVITY AND SPECIFICITY OF 99MTC-CIPROFLOXACIN IN LOCALIZING SKELETAL TUBERCULOSIS</strong></td>
<td>Vishal KUMAR, Vijay GONI (India)</td>
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<td><strong>MANAGEMENT OF POSTTRAUMATIC LONG BONE DEFECTS COMPLICATED WITH OSTEOMYELITIS USING POLYLOCAL EXTRAFOCAL OSTEOSYNTHESSES METHOD</strong></td>
<td>Mohd. Mussa WARDAK, Emal WARDAK (Afghanistan)</td>
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<td><strong>ARE WE MANAGING ACUTE KNEE EFFUSION WELL?</strong></td>
<td>Umer BUTT, Riaz AHMED, Sajid MEHMOOD, Azhar HUSSAIN (United Kingdom)</td>
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<td><strong>OUTCOME OF SINGLE STAGE TREATMENT OF CHRONIC OSTEOMYELITIS</strong></td>
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<td><strong>PROGNOSTIC FACTORS OF MYCOBACTERIUM MARINUM INFECTION OF THE HAND AND WRIST</strong></td>
<td>Jason Pui Yin CHEUNG (Hong Kong)</td>
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<td><strong>THE USE OF ANTIMICROBIAL PEPTIDES IN THE PREVENTION OF BIOFILM FORMING S. EPIDERMIDIS STRAINS ASSOCIATED WITH ORTHOPAEDIC INFECTION</strong></td>
<td>Stephanie SANDIFORD, Peter KAY, Mathew UPTON (United Kingdom)</td>
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<td><strong>AGGRESSIVE EARLY DEBRIDEMENT CAN BE SUCCESSFUL FOR INFECTED TOTAL KNEE ARTHROPLASTY</strong></td>
<td>Mohamed SUKEIK, Mike DOBSON, Anna BRIDGENS, Fares Sami HADDAD (United Kingdom)</td>
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<td><strong>RESULTS OF TOTAL HIP REPLACEMENT IN ACTIVE TUBERCULOSIS – A CLINICAL STUDY</strong></td>
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<td><strong>SPINAL MOTION SPARING: IS IT HERE TO STAY?</strong></td>
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<td><strong>Moderators:</strong></td>
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<td>David ARONSSON (United States)</td>
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<td>Anna APELQVIST (Sweden)</td>
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<td>25733</td>
<td><strong>PURE ELBOW DISLOCATION IN CHILDREN: A REPORT OF 5 CASES</strong></td>
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<td>Sarper GURSU, Timur YILDIRIM, Bilal DEMIR, Turgay ER, M. Ali DEVECİ,</td>
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<td>Vedat SAHİN (Turkey)</td>
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<td>24258</td>
<td><strong>IPSILATERAL PROXIMAL AND DISTAL FOREARM FRACTURE/FRACTURE DISLOCATION IN CHILDREN</strong></td>
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<td>Sameer AGARWAL, Sujit TRIPATHY, Ramesh SEN, Amit AGARWAL (India)</td>
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<td>23917</td>
<td><strong>PROXIMAL RADIUS AND ULNA COMBINED FRACTURES IN CHILDREN: LATE RESULTS OF TREATMENT</strong></td>
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<td>Theodoros BESLIKAS, Anastasios CHYTAS, Aleksandros NENOPoulos, Vasilios GOULIOS, John GIGIS, John CHRISTOFIDES (Greece)</td>
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<td>25781</td>
<td><strong>MANAGEMENT AND OUTCOME OF PAEDIATRIC FEMORAL FRACTURES: 10 YEARS EXPERIENCE AT A LONDON TRAUMA CENTRE</strong></td>
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<td>Anna BRIDGENS, Shivakumar SHANKAR, Jit MANGWANI, Manoj RAMACHANDRAN,</td>
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<td>Matthew BARRY, Mark PATERSON (United Kingdom)</td>
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<td>26459</td>
<td><strong>TREATMENT OF SUBTROCHANTERIC FRACTURES IN CHILDREN WITH ESIN</strong></td>
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<td>Vasileios GOULIOS, Theodoros BESLIKAS, Thomas PAPAGEORGIOU, Nikos PANOS, Ioannis GIGIS, Ioannis CHRISTOFIDES (Greece)</td>
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<td>25706</td>
<td><strong>SURGICAL TREATMENT OF ACUTE PATELLAR DISLOCATIONS AND CHRONIC PATELLAR INSTABILITY IN YOUNG PATIENTS</strong></td>
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<td>Mikhail GERASIMENKO, Eugene ZHUK, Stanislau TRATSIAK (Belarus)</td>
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**Moderators:**
- David ARONSSON (United States)
- Anna APELQVIST (Sweden)
26518  ELASTIC STABLE INTRAMEDULLARY NAILING OF SUPRACONDYLAR FRACTURES OF FEMUR IN CHILDREN
Vasileios GOULIOS, Theodoros BESLIKAS, Kosmas SIDIROPOULOS, Anastasios CHYTAS, Nikos PANOS, Ioannis CHRISTOFORIDES (Greece)

25891  SUPRACONDYLAR FRACTURES OF THE HUMERUS IN CHILDREN – RESULTS OF 10 YEARS OF SURGICAL TREATMENT
Sofia FERNANDES, Rui CERQUEIRA, José FRAGA, Tiago BARBOSA, João OLIVEIRA, Joel REIS (Portugal)

25184  ORAL RISEDRONATE AS TREATMENT OF OSTEOGENESIS IMPERFECTA
Nagy Ahmed SABET (Egypt)

12:15-13:30  Industry Symposium
Medtronic (in Room F6):
Bone Grafting Options: From Ceramics to BMP’s

Moderator:
James STANNARD (United States)

13:30-15:00  Free Papers
SICOT / SOF / International Federation of Paediatric Orthopaedic Societies (IFPOS):
Paediatrics
Limb Lengthening / SCFE / Foot / Miscellaneous

Moderators:
Patricia FUCS (Brazil)
Ann Charlot SÖDERPALM (Sweden)

23355  ROLE OF FLEXIBLE INTRAMEDULLARY NAILING IN LIMB LENGTHENING IN CHILDREN. A COMPARATIVE STUDY
Dmitry POPKOV¹, Pierre LASCOMBES¹, Arnold POPKOV², Pierre JOURNEAU¹, Thierry HAUMONT¹
¹(France), ²(Russia)

25138  BONE DEFORMITIES IN CHILDREN TREATED WITH TSF (TAYLOR SPATIAL FRAME). DIFFICULTIES AND RISK OF THIS PROCESS
Haridimos TSIBIDAKIS, Vasileios SAKELLARIOU, George MAZIS, Vasileios TSOUPAROPOULOS, George KARALIOTAS, Anastasios KANELLOPOULOS (Greece)

23567  A NEW HINGE SYSTEM IN THE TREATMENT OF LIMB LENGTHENING AND AXIAL DEVIATIONS
Ghassan SALAMEH¹, Michael SCHMIDT²
¹(Syria), ²(Germany)
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<td>LONG-TERM RESULTS OF IMHÄUSER-OSTEOTOMY IN EPiphyseolysis CapitIs FEMORIS</td>
<td>Albert FUJAK¹, Kristin MÜLLER², Wolfgang LEGAL¹, Jürgen FORST¹ ¹(Germany), ²(Switzerland)</td>
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<td>23937</td>
<td>DE-THREADED SCREW FIXATION OF SLIPPED CAPITAL FEMORAL EPiphyses – PRELIMINARY EXPERIENCE</td>
<td>Yuvraj AGRAWAL, Nick NICOLAOU, Mark FLOWERS (United Kingdom)</td>
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<td>26609</td>
<td>UNDIAGNOSED CEREBRAL PALSY IN OLDER CHILDREN WITH LATE ONSET UNILATERAL OR ASYMMETRIC FOOT DEFORMITIES</td>
<td>Ganapathy RAMAN PERIANAYAGAM, Hari PREM (United Kingdom)</td>
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<td>26496</td>
<td>CIRCULAR FRAME CORRECTION OF GENU VALGUM IN HURLER SYNDROME</td>
<td>Colm TAYLOR, Eimear CONROY, David MOORE (Ireland)</td>
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<td>24257</td>
<td>PREMature EPiphyseal FUSIONS IN BETA THALASSEMIA</td>
<td>Sharad PRABHAKAR, Mandeep DHILLON, Praveen BASANGoudhar, Shivinder GILL (India)</td>
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15:00-15:30 **Coffee break**

15:30-16:00 **Plenary Lecture (in Congress Hall)**

WHAT WILL SHAPE IMPROVEMENT IN THA IN THE FUTURE – TECHNOLOGY, TECHNIQUE OR TRAINING?
Ian LEARMONTH (United Kingdom)

16:00-17:45 **Free Papers**

**SICOT / SOF / International Federation of Paediatric Orthopaedic Societies (IFPOS): Paediatrics**
Perthes Disease / Limb Lengthening / Spine & Hip / Miscellaneous

*Moderators:*
George THOMPSON (United States)
Aina DANIELSON (Sweden)

26323 **ARTHRODIASTASIS AND SURGICAL CONTAINMENT IN LATE ONSET PERTHES DISEASE: AN ANALYSIS OF 14 PATIENTS**
Kamal BALI, Pebam SUDESH, Mandeep DHILLON, Raghav SAINI (India)
MODELING EFFECT OF TRIPLE PELVIC OSTEOTOMY IN SEVERE CASES AT PERTHES DISEASE
Andrei DZEMIANTSOU, Alexandre BELETSKY, Aleh SAKALOUSKI, Ludmila PASHKEVICH, Sergei SERDJUCHENKO, Roman GOLDMAN (Belarus)

STABILIZING EFFECT OF TRIPLE PELVIC OSTEOTOMY IN SEVERE CASES AT PERTHES DISEASE
Aleh SAKALOUSKI, Alexandre BELETSKY, Andrei DZEMIANTSOU, Sergei SERDJUCHENKO, Urii LIHACHEVSKIY (Belarus)

LIMB LENGTHENING WITH A SUBMUSCULAR LOCKING PLATE
Chang-Wug OH, Hyun-Joo LEE, Sang-Hyup YOON, Byung-Chul PARK (Korea)

TSF (TAYLOR SPATIAL FRAME) EXTERNAL FIXATION FOR TREATING THE TIBIAL FRACTURES IN SKELETAL IMMATURE PATIENTS
Haridimos TSIBIDAKIS, Vasileios SAKELLARIOU, George MAZIS, George KARALIOTAS, Anastasios KANELLOPOULOS (Greece)

MRI EVALUATION OF FEMORAL AND ACETABULAR ANTEVERSION IN DEVELOPMENTAL DYSPLASIA OF HIP: A STUDY IN EARLY WALKING AGE GROUP
Aditya MOOTHA, Raghav SAINI (India)

SHOULDER FUNCTION AFTER CORRECTION OF SPRENGEL DEFORMITY WITH WOODWARD PROCEDURE (LONG-TERM FOLLOW UP)
T.D.W. ALTA, F.E. WALSTRA, J.W. VAN DER EIJKEN, W.J. WILLEMS, S.J. HAM (Netherlands)

USING LATERAL OSTEOTOMY WITHOUT ANY INTERNAL FIXATION FOR POSTTRAUMATIC CUBITUS VARUS DEFORMITY
Ziming ZHANG, Jing ZHANG (China)

MULTIFOCAL SKELETAL TUBERCULOSIS IN CHILDREN – ANALYSIS OF PATTERN, COURSE AND CLINICAL OUTCOME
Sunil Gurpur KINI, Aditya N. AGGARWAL, Ish K. DHAMMI, Sudhir KUMAR (India)
Thursday, 2 September
Room F4

08:00-09:30
Lecture Free Papers

Trauma
Wrist / Nerve Injury

Moderators:
Syed AWAIS (Pakistan)
Carl EKHOLM (Sweden)

TREATMENT OF SEGMENTAL DEFECTS IN PERIPHERAL NERVE INJURIES BY TRACTION NERVE REGENERATION
Syed AWAIS (Pakistan)

23093 SURGICAL TREATMENT OF PATIENTS WITH CONGENITAL AND ACQUIRED HAND PATHOLOGY BY ILIZAROV METHOD
Guseynali ISMAYLOV (Iran)

25314 MULTI-DETECTOR CT IN THE EARLY DIAGNOSIS OF OCCULT SCAPHOID FRACTURES
Selahattin OZYUREK, Ahmet Turan ILICA, Ozkan KOSE, Murat DURUSU (Turkey)

24995 A COMPARATIVE PROSPECTIVE STUDY AND ANALYSIS OF RESULTS OF NON UNION SCAPHOID TREATED BY DIFFERENT FIXATION MODALITIES
Sunil Gurpur KINI, P.K. RAJU (India)

25732 DOUBLE STAGE TREATMENT OF CHRONIC PERILUNAR WRIST DISLOCATION
Aleh KEZLIA, Ivan CHARHOVICH, Vladislav ERMOLOVICH, Alexander BENKO, Konstantine CHACHELKO (Belarus)

24567 TERIPARATIDE (PTH 1-34) IMPROVES EARLY CALLUS FORMATION IN DISTAL RADIAL FRACTURES
Torsten JOHANSSON, Per ASPENBERG (Sweden)

23485 LIMB REPLANTATION WITH TWO ROBOTS: A FEASIBILITY STUDY
Sybille FACCA, Chihab TALEB, Eric NECTOUX, Philippe LIVERNEAUX (France)

25628 RESULTS OF IATROGENIC NERVE REPAIR IN THE UPPER LIMB AND THEIR PREVENTION
Rahul KAKKAR¹, C. OBERLIN²
¹(United Kingdom), ²(France)
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<td>09:30-10:15</td>
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<td>10:15-10:45</td>
<td>Plenary Lecture <em>(in Congress Hall)</em></td>
<td>SPINAL MOTION SPARING: IS IT HERE TO STAY?</td>
<td>Steven GARFIN (United States)</td>
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<td>10:45-12:15</td>
<td>Lecture</td>
<td>Free Papers</td>
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<td>Trauma</td>
<td>Subtrochanteric Fractures</td>
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<td>24200</td>
<td>A NEW STRATEGY FOR REPAIR OF A SEGMENTAL PERIPHERAL NERVE GAP: NERVE LENGTHENING METHODS</td>
<td>Yuki HARA, Yasumasa NISHIURA, Sharula NULL, Yoshiko NAKAJIMA, Harumitsu ICHIMURA, Takeshi OGAWA, Toshikazu TANAKA, Naoyuki OCHIAI (Japan)</td>
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<td>26825</td>
<td>SUBTROCHANTERIC FRACTURES: NAIL, PLATE AND HUMMINGBIRDS</td>
<td>Andreas H. RUECKER (Germany)</td>
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<td>25428</td>
<td>PLATING FOR COMMINUTED SUBTROCHANTERIC &amp; DISTAL FEMORAL FRACTURES: &quot;LET THE BIOLOGY WORK&quot;</td>
<td>Puneet MISHRA, Ish K. DHAMMI, Anil K. JAIN (India)</td>
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<td>26433</td>
<td>PROJECTED NUMBER OF HIP FRACTURES IN SWEDEN FROM 2010 TO 2050</td>
<td>Bjorn E. ROSENGREN, Magnus K. KARLSSON (Sweden)</td>
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<td>26021</td>
<td>CIRCULAR SUBTROCHANTERIC FEMORAL OSTEOTOMY: TECHNIQUE AND RESULTS OF THE FIRST 9 CASES</td>
<td>Sherif EL GHAZALY (Egypt)</td>
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<td>25528</td>
<td>SUBTROCHANTERIC FRACTURE. MANAGEMENT WITH ORIF DYNAMIC COMPRESSION PLATE</td>
<td>Sanjib Kumar BEHERA, Satyanarayana D. Sreenivas (India)</td>
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<td>25321</td>
<td>TREATMENT OF SUBTROCHANTERIC NONUNIONS WITH THE 95-DEGREE BLADE PLATE</td>
<td>Seung-Jae LIM, Jeong-Hoon HAN, Youn-Soo PARK (Korea)</td>
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<td>24900</td>
<td>MUSCULOSKELETAL FUNCTION AND QUALITY OF LIFE IN ELDERLY PATIENTS AFTER A SUBTROCHANTERIC FEMORAL FRACTURE TREATED WITH A CEHALOSECONDARY NAIL</td>
<td>Ricard MIEDEL, Hans TörNkvist, Sari PONZER, Anita SöDERQVIST, Jan TIDERMARK (Sweden)</td>
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25780 SAHLGRENSKA UNIVERSITY HOSPITAL HIP SCORE – LEVEL OF ACTIVITY FOR PATIENTS OPERATED FOR A HIP FRACTURE IN THE ACUTE POSTOPERATIVE PHASE. A RELIABILITY AND VALIDITY STUDY
Maria EDVINSSON, Ulla SVANTESSON, Hans GRANHED (Sweden)

26205 GUIDELINES TO PERFORM CHEST X-RAY IN PATIENTS WITH FRACTURE NECK OF FEMURS
Muhammad SAEED, Bushra SAEED, David FARRAR, A. PRAZEDLACKA, R. ARDLEY, Aroonkumar CHOUHAN (United Kingdom)

26213 SECOND HIP FRAGILITY FRACTURES
Okechukwu OKONKWO, Cyrus JENSEN, Pavel AKIMAU, Jim HOLLAND (United Kingdom)

12:15-13:30 Industry Symposium

Medtronic (in Room F6):
Bone Grafting Options: From Ceramics to BMP’s

Moderator:
James STANNARD (United States)

13:30-15:00 Free Papers

Infection

Moderators:
Ellewellyn PASION (Philippines)
Per WRETENBERG (Sweden)

26135 EVALUATION OF ADEQUACY OF SHORT-COURSE CHEMOTHERAPY IN EXTRASPINAL TUBERCULOSIS USING TECHNETIUM 99M CIPROFLOXACIN LABELED BONE SCAN
Vikas BHARDWAJ (India)

25820 POSTSURGICAL INFECTION INCIDENCE IN ORTHOPAEDIC SURGERY. PROSPECTIVE STUDY 1996-2008
Ignacio GARCÍA-FORCADA, Jaume CALMET-GARCÍA, Eduardo GONZÁLEZ-PEDROUZO, Carlos ESTEVE-BALZOLA, Petrea IFTIMIE, José GINÉ-GOMÀ (Spain)

25725 TREATMENT OF DEEP ENDOPROSTHETIC INFECTION OF THE HIP JOINT
Victor VOLOSHIN, Anatoliy EREMIN, Dmitriy MARTYNENKO, Saravanan ARUMUGAM (Russia)
23411  CLINICORADIOLOGICAL PRESENTATION OF TUBERCULOSIS OF THE ELBOW – AN ANALYSIS OF 58 CASES
Sunil Gurpur KINI, Aditya N. AGGARWAL, Ish K. DHAMMI, Sudhir KUMAR (India)

22932  THE ROLE OF AMPLIFIED MYCOBACTERIUM TUBERCULOSIS DIRECT TEST (AMTD) GEN-PROBE (INC SAN DIEGO, CA) IN THE EARLY DIAGNOSIS OF CLINICALLY SUSPECTED CASES OF TUBERCULOUS ARTHRITIS OF KNEE JOINT
Sumit BATRA, Vinay AGGARWAL, Vinod SHARMA, Geetika KHANNA (India)

22843  PELVIC SUPPORTS – POTENTIAL SOURCE OF CROSS-INFECTION IN HIP SURGERY
Gautam TALAWADEKAR, S. SATHYAMURTHY (United Kingdom)

26183  ANTIMICROBIAL PEPTIDES AS POTENTIAL ANTI-INFECTIVE AGENTS IN THE PREVENTION OF ORTHOPAEDIC INFECTIONS
Stephanie SANDIFORD, Peter KAY, Mathew UPTON (United Kingdom)

25759  ONE-STAGE REVISION FOR INFECTED REVERSE TOTAL SHOULDER ARTHROPLASTY
Pieter BEEKMAN, Luk VERHELST, Lieven DE WILDE (Belgium)

25731  SURGICAL MANAGEMENT OF INFECTED TIBIAL INTRAMEDULLARY NAILS
Asif A.H. PARKAR, Naveen ABHISHETTY, Om LAHOTI, Sarah PHILLIPS, G. GROOM (United Kingdom)

24979  INTRASPINAL TUBERCULOMA: AN UNCOMMON PRESENTATION OF POTT'S SPINE
Mayank AGRAWAL (India)

15:00-15:30  Coffee break

15:30-16:00  Plenary Lecture  (in Congress Hall)
WHAT WILL SHAPE IMPROVEMENT IN THA IN THE FUTURE – TECHNOLOGY, TECHNIQUE OR TRAINING?
Ian LEARMONTH (United Kingdom)

16:00-17:45  Lecture  Free Papers
Arthroplasty Knee

Moderators:
Rob NELISSEN (Netherlands)
Tore DALEN (Sweden)
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<td>26839</td>
<td>BLOOD MANAGEMENT IN HIP AND KNEE ARTHROPLASTY</td>
<td>Rob NELISSEN, Cynthia SO-OSMAN, Ronald BRAND, Ankie KOOPMAN VAN HEMERT, Anneke BRAND (Netherlands)</td>
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<td>25700</td>
<td>REVISION RATE FOR WEAR IN TKA WITH THIN PE INSERTS</td>
<td>Rob NELISSEN, Bart PIJLS, Enrike VAN DER LINDEN-VAN DER ZWAAG (Netherlands)</td>
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<td>25736</td>
<td>HOW MUCH TIBIAL RESECTION IS NEEDED IN TOTAL KNEE ARTHROPLASTY?</td>
<td>Christoph SCHNURR, György CSÉCSEI, Peer EYSEL, Dietmar Pierre KÖNIG (Germany)</td>
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<td>23228</td>
<td>CORRECTING VARUS DEFORMITY DURING TOTAL KNEE ARTHROPLASTY: THE &quot;INSIDE-OUT&quot; TECHNIQUE</td>
<td>Chitranjan RANAWAT (United States)</td>
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<td>25423</td>
<td>RESULTS OF A TKA AFTER KNEE ARTHRODESIS</td>
<td>Enrike VAN DER LINDEN, Rob NELISSEN (Netherlands)</td>
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<td>23382</td>
<td>MID-TERM CLINICAL &amp; RADIOLOGICAL RESULTS OF A HYBRID REVISION KNEE PROSTHESIS WITH UNCEMENTED STEM FIXATION</td>
<td>Gordon HIGGINS¹, Paul KUZYK², Michael OLSEN², Emil SCHEMITSCH², James WADDELL² ¹(United Kingdom), ²(Canada)</td>
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<td>23153</td>
<td>RADIOGRAPHIC AND CLINICAL PERFORMANCE OF HIGHLY CROSS-LINKED POLYETHYLENE IN YOUNG ACTIVE PATIENTS: EIGHT YEARS FOLLOW-UP</td>
<td>Chitranjan RANAWAT, Morteza MEFTAH (United States)</td>
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<td>24571</td>
<td>KNEE ARTHROPLASTY AFTER HIGH TIBIAL OSTEOTOMY IN SWEDEN 1998-2007</td>
<td>Annette W-DAHL, Otto ROBERTSSON, Stefan LOHMANDER (Sweden)</td>
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<td>25399</td>
<td>TRABECULAR METAL Tibia IN YOUNGER PATIENTS. A FIVE-YEAR RSA STUDY</td>
<td>Anders HENRICSON, Kjell G. NILSSON (Sweden)</td>
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<td>25553</td>
<td>UNCEMENTED POSTERIOR STABILIZED TRABECULAR METAL Tibia IN HIGH-FLEX KNEES IN YOUNGER PATIENTS. A TWO-YEAR RSA STUDY</td>
<td>Kjell G. NILSSON, Anders HENRICSON (Sweden)</td>
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Programme – Friday, 3 September

Congress Hall H1 G4 F1 F2 F4

Lecture Lecture Symposium

Fragility Fractures in Orthopaedics

08:00-09:30

Best Papers Session

Free Papers

Osteoporosis

Spine

Cervical/Lumbar Spinal Stenosis

OSOS:

Compressive osseointegration for endoprosthetic reconstruction

Free Papers

Arthroplasty

Knee

Trauma

Pelvic Fractures

09:30-10:15

Coffee break

10:15-10:45

Plenary Lecture

Tommy Hansson

Lecture

10:45-12:15

Symposium

Smoking & Orthopaedic Surgery

Natural Disasters & Orthopaedic Surgery

Free Papers

Arthroplasty

Knee

Symposium

OSOS: Bone anchored amputation prostheses

Free Papers

Trauma

Foot/Ankle

Free Papers

Biomaterials/Cartilage Repair

12:15-13:15

Closing Ceremony

Matryx

Interference Screw

Self-Reinforced Biocomposite Solutions for ACL and PCL Reconstructions

STRONG - RELIABLE - OSTEOCONDUCTIVE

Now available from 5 to 11 mm

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<td>Best Papers Session</td>
<td>Symposium Fragility Fractures in Orthopaedics</td>
<td>Lecture</td>
<td>Free Papers Spine</td>
<td>Cervical/Lumbar Spinal Stenosis</td>
<td>Symposium OSOS: Compressive osseointegration for endoprosthetic reconstruction</td>
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Friday, 3 September
Congress Hall

08:00-09:30  Best Papers Session

(More information on page 27)

09:30-10:15  Coffee break

10:15-10:45  Plenary Lecture

WAYS TO IMPROVE OUTCOME IN ORTHOPAEDIC SURGERY
Tommy HANSSON (Sweden)

10:45-12:15  Symposium

Smoking & Orthopaedic Surgery

Moderator:
Olle SVENSSON (Sweden)

Introduction
Olle SVENSSON (Sweden)

CLINICAL EVIDENCE
Johanna ADAMI (Sweden)

PATHOPHYSIOLOGY AND TOBACCO ADDICTION
David WARNER (United States)

PATIENT PREFERENCES AND STAFF EXPERIENCE
Hanne TØNNESEN (Denmark)

SWEDISH LAUNCH
Göran MODIN (Sweden)

Concluding remarks
Olle SVENSSON (Sweden)

12:15-13:15  Closing Ceremony
Friday, 3 September
Room H1

08:00-09:30
Symposium

Fragility Fractures in Orthopaedics

Moderator:
Kristina ÅKESSON (Sweden)

Free Papers

Osteoporosis

Moderators:
Sybille FACCA (France)
Kristina ÅKESSON (Sweden)

23487 A DESCRIPTIVE REPORT OF DXA RESULTS AND
DEMOGRAPHICS IN SUBJECTS REFERRED FOR DXA TESTING IN
BRAZIL
Fabio RAVAGLIA, Maria Gorete LEITE, Tiago BARCELLOS, Alberto
CLIQUET JR (Brazil)

25045 THE EXPERIENCE OF THE MANAGEMENT FOR THE RADIAL END
FRACTURE BY DORSAL PLATE IN OSTEOPOROTIC CASES
Kimiaki YOKOSUKA, Katsuya KANESAKI, Yasuhiro MITSUI, Takateru
KAIEDA, Kensei NAGATA (Japan)

23482 CEMENT ADDING IN VOLAR LOCKING PLATE FOR THE
TREATMENT OSTEOPOROTIC DISTAL RADIUS FRACTURES
Sybille FACCA, Chihab TALEB, Stéphanie GOUZOU, Philippe
LIVERNEAUX (France)

26134 PERCUTANEOUS VERTEBROPLASTY FOR PAINFUL
OSTEOPOROTIC FRACTURES VERSUS CONSERVATIVE
TREATMENT. A RANDOMIZED CONTROL TRIAL
Efe Levent ARAS, Leif SörenSEN, Peter VESTERGAARD, Leif
MOSEKILDE (Denmark)

09:30-10:15 Coffee break

10:15-10:45 Plenary Lecture (in Congress Hall)

WAYS TO IMPROVE OUTCOME IN ORTHOPAEDIC SURGERY
Tommy HANSSON (Sweden)
### Symposium

**Natural Disasters & Orthopaedic Surgery**

*Moderator.*
Maurice HINSENKAMP (Belgium)

**STUDY OF MUSCULOSKELETAL INJURIES OF PAKISTAN EARTHQUAKE 2005**
Syed AWAIS (Pakistan)

**HAITI EARTHQUAKE**
Bernard NAU (Haiti)

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<td>26797</td>
<td>MISSION DE HAITI: A MSF-BE / SICOT COLLABORATIVE EFFORTS AT CHOSCAL HOSPITAL, PORT-AU-PRINCE</td>
<td>Nanjundappa S. HARSHAVARDHANA, John P. LAWRENCE, John P. DORMANS (United Kingdom)</td>
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<td>MANAGEMENT OF THE EARTHQUAKE RELATED ORTHOPAEDIC INJURIES: MY HAITI EXPERIENCE</td>
<td>Nikolaj WOLFSON (United States)</td>
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<td>ACCESS TO SURGICAL CARE IN DISASTERS IS CRUCIAL</td>
<td>Meena CHERIAN (Switzerland)</td>
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12:15-13:15 **Closing Ceremony** *(in Congress Hall)*
Detta är inget vanligt sjukhus!

Spenshult är ett specialistsjukhus med bred kompetens och erfarna operatörer inom avancerad ledkirurgi på hand, fot, knä, höft, axel och armbåge. Vi har alla resurser för att hjälpa dig förkorta köerna till reumakirurgi, reumatologi och rehabilitering.

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Spenshult Sjukhus
313 92 Oskarström  ●  E-post: adm@spenshult.se  ●  www.spenshult.se
Friday, 3 September
Room G4

08:00-09:30

Lecture

Free Papers

Spine
Cervical / Lumbar Spinal Stenosis

*Moderators:*
Kandiah RAVEENDRAN (Malaysia)
Helena BRISBY (Sweden)

26819 ANTERIOR CERVICAL DISCECTOMY USING CAGES OR ARTHROPLASTY – MINIMAL INVASIVE TECHNIQUE
Kandiah RAVEENDRAN (Malaysia)

25391 BIOMECHANICAL COMPARISON OF ANTERIOR SCREW FIXATION TECHNIQUES FOR TYPE II ODONTOID FRACTURES: 1 VERSUS 2 SCREW TECHNIQUE
Arndt P. SCHULZ¹, Feng GANG², Robert WENDLANDT¹, Gerhard HEINRICHS¹, Sebastian SPUCK¹
¹(Germany), ²(China)

24417 THE FLAVUM’S, DISC’S AND EPIDURAL FAT’S CONTRIBUTION TO THE LOAD AND POSITION INDUCED CONSTRICION OF THE CAUDA EQUINA
Nobuyuki SUZUKI¹, Takanobu OTSUKA¹, Tommy HANSSON²
¹(Japan), ²(Sweden)

25745 DURAL TEAR CAUSE OF DISABILITY
Anders OLAI, Annica ÖHRN, Hans RUTBERG, Hans TROPP (Sweden)

26162 ACUTE CRANIOCERVICAL LIGAMENT INJURIES AFTER MAJOR TRAUMA DESCRIBED WITH HIGH RESOLUTION MRI
Mari HÄNNI, Claes OLERUD (Sweden)

24897 CLINICAL OUTCOMES AND RADIOGRAPHIC ASSESSMENT OF MICROENDOSCOPIC LAMINOTOMY FOR CERVICAL DISC HERNIATION WITH MYELOPATHY
Takuya MISHIRO, Shoji YAGI, Yoichiro TAKATA (Japan)

26562 A CLINICAL AND RADIOGRAPHIC ANALYSIS OF CERVICAL MOTION PRESERVATION BY PEEK ON PEEK CERVICAL DISC REPLACEMENT (POPCDR) SYSTEM
Sandesh LAKKOL, Sharad BHATNAGAR, Obaidullah ZAFAR, Guru REDDY, Tai FRIESEM (United Kingdom)

26247 CERVICAL PEDICLE SCREW PLACEMENT USING O-ARM BASED NAVIGATION SYSTEM
Yoshimoto ISHIKAWA, Tokumi KANEMURA, Go YOSHIDA (Japan)
09:30-10:15  
Coffee break

10:15-10:45  
**Plenary Lecture (in Congress Hall)**
WAYS TO IMPROVE OUTCOME IN ORTHOPAEDIC SURGERY
Tommy HANSSON (Sweden)

10:45-12:15  
**Lecture Free Papers**
Arthroplasty
Knee

**Moderators:**
Dominique POITOUT (France)
Christer STRÖMBERG (Sweden)

25984  
**DYSPHAGIA IN ANTERIOR CERVICAL DISK SURGERY**
Martin SKEPPHOLM, Claes OLERUD (Sweden)

23078  
**A COMPARISON BETWEEN THE CARBON FIBER CAGE AND THE CLOWARD PROCEDURE IN CERVICAL SPINE SURGERY: A 10-13 YEAR FOLLOW-UP OF A PROSPECTIVE RANDOMIZED STUDY**
Anneli PEOLSSON, Anna HERMANSEN, Ludek VAVRUCH, Rune HEDLUND (Sweden)

23136  
**MRI VS CT IN DIAGNOSING LUMBAR STENOSIS**
Sang Soo EUN, Ho-Yeon LEE, Sang-Ho LEE, Kyeong Hwan KIM, Wei Chiang LIU (Korea)

26865  
**MASSIVE KNEE ARTHROPLASTY SURROUNDED WITH ALLOGRAFTS**
Dominique POITOUT, R. VOLPI, P. MAMAN, A. MERGER (France)

24893  
**PSEUDO-PATELLA BAJA AFTER TOTAL KNEE ARTHROPLASTY**
Seyyed Morteza KAZEMI, Alireza EAJAZI, Laleh DAFTARI BESHELI (Iran)

25454  
**INTRODUCTION OF TOTAL KNEE ARTHROPLASTY IN LITHUANIA. RESULTS FROM THE FIRST 10 YEARS**
Sarunas TARASEVICIUS¹, Justinas STUCINSKAS¹, Otto ROBERTSSON², Hans WINGSTRAND²
¹(Lithuania), ²(Sweden)

23151  
**TOTAL KNEE ARTHROPLASTY FOR SEVERE VALGUS DEFORMITY**
Chitranjan RANAWAT, Morteza MEFTAH (United States)

25503  
**IS BILATERAL SEQUENTIAL TOTAL KNEE ARTHROPLASTY THE NEED OF THE HOUR? – OUR SERIES OF 60 CASES AT HOSMAT HOSPITAL, BANGALORE**
Prakash L.G. BANGALORE, Thomas CHANDY (India)
23173  MORBIDITY AND MORTALITY OF SINGLE STAGE BILAT TKR: PROSPECTIVE STUDY OF 654 CASES
Rajesh RAJULE, Sinu BHASKARAN, Hemant WAKANKAR (India)

23705  BILATERAL SIMULTANEOUS TOTAL KNEE ARTHROPLASTY IN SEVERELY DEFORMED KNEES: USE OF AN EVIDENCE BASED REHABILITATION PROGRAMME
Vijay SHETTY (India)

24165  EVALUATION OF CLINICO-RADIOGRAPHIC AND FUNCTIONAL RESULTS IN RELATION TO ALIGNMENT AND ORIENTATION OF THE COMPONENTS OF TOTAL KNEE REPLACEMENT – A PROSPECTIVE STUDY
Chandra YADAV, Ashok KUMAR, Raj D. BACKIA, Vijay KUMAR, Sanjay THULKAR, Shivananda GAMANAGATTI, Shah KHAN, Shishir RASTOGI (India)

26221  FEMORAL ROTATION ACCURACY IN TOTAL KNEE ARTHROPLASTY
Emmanuel THIENPONT, Leo BECKERS (Belgium)

23970  COMPARISON OF THE MOBILE-BEARING AND FIXED-BEARING DESIGNS OF HIGH FLEXION TOTAL KNEE ARTHROPLASTY
Tae Wan KIM, Jeung Tak SUH (Korea)

25326  TOTAL KNEE REPLACEMENT UNDER LIGAMENTOUS INSTABILITY OF THE KNEE
Alexandre SITNIK, Alexandre BELETSKY, Pavel SKAKUN, Oleg EISMONT, Andrey PERESADA (Belarus)

12:15-13:15  Closing Ceremony (in Congress Hall)
Friday, 3 September
Room F1

08:00-09:30  Symposium

Orthopaedic Surgical Osseointegration Society (OSOS):
Compressive osseointegration for endoprosthetic reconstruction

Moderator:
Richard J. O’DONNELL (United States)

COMPRESSIVE OSSEOINTEGRATION: THE EXPERIENCE IN BELGIUM
Ignace SAMSON (Belgium)

COMPRESSIVE OSSEOINTEGRATION OF PROXIMAL FEMORAL AND DIVERSE ANATOMIC LOCATIONS
Rosanna L. WUSTRAK (United States)

COMPRESSIVE OSSEOINTEGRATION FOR DISTAL FEMORAL GIANT CELL TUMOR RECONSTRUCTION
Rosanna L. WUSTRAK (United States)

COMPRESSIVE OSSEOINTEGRATION VERSUS CEMENTED STEM FIXATION FOR DISTAL FEMORAL RECONSTRUCTION: MATCHED COHORT STUDY WITH FIVE-YEAR FOLLOW-UP
Andrew C. PEDTKE (United States)

THE EFFECTIVENESS OF ANTI-ROTATION PINS FOR THE COMPRESS® DEVICE: A BIOMECHANICAL STUDY
Raffi S. AVEDIAN (United States)

GLOBAL ORTHOPAEDICS AND THE AMPUTEE PATIENT
R. Richard COUGHLIN (United States)

09:30-10:15  Coffee break

10:15-10:45  Plenary Lecture (in Congress Hall)

WAYS TO IMPROVE OUTCOME IN ORTHOPAEDIC SURGERY
Tommy HANSSON (Sweden)
10:45-12:15 Symposium

Orthopaedic Surgical Osseointegration Society (OSOS):
Bone anchored amputation prostheses

Moderator:
Rickard BRÅNEMARK (Sweden)

26882 CLINICAL EXPERIENCE WITH ENDO-EXO-PROSTHESES
Thomas HOFFMEISTER (Germany)

26884 DIFFERENCES BETWEEN BONE ANCHORED AND TRADITIONAL SOCKET PROSTHESES FOR TRANSFEMORAL AMPUTEES
Eva HÄGGSTRÖM (Sweden)

26885 OSSEOINTEGRATION IN TRANSFEMORAL AMPUTEES. SURGICAL ASPECTS AND CASE REPORTS
Örjan BERLIN (Sweden)

OSSEOINTEGRATION ON UPPER LIMB AMPUTEES. PROSTHETIC TREATMENT AND OUTCOME
Kerstin CAINÉ-WINTERBERGER (Sweden)

RSA AND RADIOGRAPHIC EVALUATION OF OSSEOINTEGRATED AMPUTATION PROSTHESES
Charles BRAGDON (United States)

26883 PROSTHETIC USE AND MOBILITY WITH TRANSFEMORAL OSSEOINTEGRATED AMPUTATION PROSTHESIS, RESULTS FROM THE OPRA STUDY
Kerstin HAGBERG (Sweden)

Concluding remarks
Rickard BRÅNEMARK (Sweden)

12:15-13:15 Closing Ceremony (in Congress Hall)
Not all knees are the same...

Knee System SL®  The SL® prosthesis family caters for everything from dealing with the primary knee through to the reconstruction of complex defect situations. The advantage to you: a single system for a variety of situations simplified further with common resection measurements across all products. For more than 40 years, we have been developing and manufacturing joint implants from a single source in Germany – setting us apart from the rest.

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Friday, 3 September
Room F2

08:00-09:30 Lecture Free Papers

Arthroplasty Knee

**Moderators:**
Thami BENZAKOUR (Morocco)
Lars WEIDENHIELM (Sweden)

**26802 HIGH TIBIAL OSTEOTOMY FOR MEDIAL KNEE ARTHRITIS**
Thami BENZAKOUR, Ahmed BENZAKOUR, Abderrazak HEFTI, Mohamed LEMSEFFER (Morocco)

**23006 LATERAL UNICOMPARTMENTAL KNEE ARTHROPLASTY: INFLUENCE OF ALIGNMENT ON WEAR AND LOOSENING**
Philippe HERNIGOU, Alexandre POIGNARD, Charle Henri FLOUZAT LACHIANETTE (France)

**25161 MEDIUM TERM RESULTS OF MEDIAL COMPARTMENT KNEE REPLACEMENT**
Anupkumar SHETTY, Praveen SHARDA, S. MAHESWARAN (United Kingdom)

**24421 THE EFFECT OF DISTAL FEMORAL BONE CUT ON FLEXION GAP IN TOTAL KNEE ARTHROPLASTY USING A GAP BALANCING TECHNIQUE**
Masahiro NOZAKI, Masaaki KOBAYASHI, Yuко NAGAYA, Hideyuki GOTO, Hirotaka IGUCHI, Nobuyuki WATANABE, Hideki OKAMOTO, Takanobu OTSUKA (Japan)

**23331 UNICOMPARTMENTAL KNEE REPLACEMENT, CEMENTED VS. CEMENTLESS**
Gustav BONTEMPS, Klaus SCHLÜTER-BRUST (Germany)

**25653 KINEMATIC ANALYSIS OF MOBILE MENISCAL BEARING OF OXFORD MEDIAL UNICOMPARTMENTAL KNEE ARTHROPLASTY USING EOS IMAGING ACQUISITION SYSTEM: A FEASIBILITY STUDY**
Ahmed ZEMIRLINE, Eric STINDEL, Abdelhamid ZEMIRLINE, Julien LE BOUCHER, Joël SAVÉAN, Frédéric DUBRANA (France)

**23506 A NOVEL FREE-FLOATING POLYCARBONATE-URETHANE MENISCAL IMPLANT: FROM BENCH TO CLINICAL PRACTICE**
Jonathan ELSNER¹, Gal ZUR¹, Eran LINDER-GANZ¹, Vincenzo CONDELLO², Elliott HERSHMAN³, Claudio ZORZI², Farshid GUILAK³, Avi SHTERLING¹
¹(Israel), ²(Italy), ³(United States)
23332 MINI-INVASIVE UNICOMPARTMENTAL KNEE ARTHROPLASTY
Gustav BONTEMPS, Klaus SCHLÜTER-BRUST (Germany)

09:30-10:15 Coffee break

10:15-10:45 Plenary Lecture (in Congress Hall)
WAYS TO IMPROVE OUTCOME IN ORTHOPAEDIC SURGERY
Tommy HANSSON (Sweden)

10:45-12:15 Free Papers

Trauma
Foot / Ankle

Moderators:
Vilmos VÉCSEI (Austria)
Per WRETENBERG (Sweden)

25951 INDICATIONS FOR OPEN REDUCTION AND INTERNAL FIXATION IN INTRAARTICULAR CALCANEAL FRACTURES
Alexandre BELETSKY, Oleg KORZUN, Alexandre SITNIK, Alexandre LINOV (Belarus)

26215 FIXATION OF ANKLE SYNDESMOSIS BY ANTIBIOTIC RELEASING BIOABSORBABLE SCREW: A RANDOMIZED RSA TRIAL
Hannu ARO, Tatu MÄKINEN, Tatu IMMONEN, Satu TIMLIN, Niko MORITZ, Minna VEIRANTO, Pertti TÖRMÄLÄ (Finland)

25816 ANKLE FRACTURES: IMPACT OF SWELLING ON TIMING OF SURGERY, LENGTH OF HOSPITAL STAY AND THE ECONOMIC BURDEN
Mohamed SUKEIK, Qaffaf MOHAMED, Gail FERRIER (United Kingdom)

23996 TREATMENT OF PENETRATING FOOT INJURIES
Gershon VOLPIN, Emanuel SACAGIO, Albert GORSKI, Norman LOBERANT, Moshe DANIEL, Jack STOLERO, Haim SHTARKER (Israel)

23849 EVALUATION OF THE SYNDESMOTIC-ONLY FIXATION FOR WEBER-C ANKLE FRACTURES ASSOCIATED WITH SYNDESMOTIC INJURY
Riazuddin MOHAMMED, Shakir SYED, Asghar ALI (United Kingdom)

24459 RESULTS OF A CONSECUTIVE SERIES OF MORE THAN 70 CASES OF EXTENSOR DIGITORUM BREVIS FLAP FOR ANKLE AND FOOT RECONSTRUCTION
Christophe GAILLARD, André-Mathieu GAY, Natacha BERENI, Didier GUINARD, Régis LEGRE (France)
25603  JONES' FRACTURE OF THE FIFTH METATARSAL BASE OR AN AVULSION FRACTURE – DO WE REALLY NEED TO DISTINGUISH BETWEEN THEM?
Rahul KAKKAR, Pavel AKIMAU, Paul FEARON (United Kingdom)

23330  RESULTS OF CLOSED REDUCTION AND PERCUTANEOUS KIRSHNER WIRE FIXATION FOR THE TREATMENT OF INTRA-ARTICULAR CALCANEAL FRACTURES
Jean MICHEL, Charles COURT, Alain ASSELINEAU (France)

23313  THE AUGMENTATION USING POROUS HYDROXYAPATITE FOR INTRAARTICULAR CALCANEAL FRACTURES OF JOINT DEPRESSION TYPE
Jun-il YOO, Byung-Ki CHO, Yong-Min KIM, Seung-Whan BAE (Korea)

26447  THE FIBULAR NAIL: A BIOMECHANICAL STUDY
George SMITH, Robert WALLACE, Gordon FINDLATER, Timothy WHITE (United Kingdom)

25684  COMPRESSION ARTHRODESIS OF ANKLE JOINT AFTER SEVERE INJURIES
Victor VOLOSHIN, Gennadiy ONOPRIENKO, Vladimir ZUBIKOV, Anatoliy EREMIN, Saravanan ARUMUGAM (Russia)

26137  EPIDEMIOLOGY OF ANKLE FRACTURES IN SWEDEN 1987-2004
Charlotte KARLSSON-THUR, Gustav EDGREN, Tore DALEN, Per WRETENBERG (Sweden)

12:15-13:15  Closing Ceremony (in Congress Hall)
Free Papers

08:00-09:30

Trauma
Pelvic Fractures

Moderators:
Horia-Bogdan ORBAN (Romania)
Hans GRANHED (Sweden)

25173 SURGICAL TREATMENT OF DELAYED VERTICALLY UNSTABLE PELVIS FRACTURES
Andrey KAZANTCEV, Maxim ENIKEEV, Sergey PUTYATIN, Atom TER-GRIGORYAN (Russia)

23946 PERCUTANEOUS ILIOSACRAL SCREW FIXATION FOR UNSTABLE POSTERIOR PELVIC FRACTURES: A SERIES OF 32 CASES
Sherif KHALED (Egypt)

26381 THE EFFECT OF SIMULATED POSTERIOR WALL ACETABULAR FRACTURES ON HIP STABILITY DURING SINGLE LEG STANCE AND SIT-TO-STAND MANEUVERS
Amir MATITYAHU, Erik MCDONALD, Jennifer BUCKLEY, Meir MARMOR (United States)

26437 SURGICAL TREATMENT FOR ACETABULAR FRACTURES
Victor VOLOSHIN, Anatoliy GALKIN, Saravanan ARUMUGAM (Russia)

26276 CONSERVATIVE TREATMENT OF ACETABULAR FRACTURES
Narender MAGU, Rajesh ROHILLA, Sanjay ARORA (India)

26294 PATIENT-SPECIFIC BONE FIXATION PLATES FOR COMPLEX FRAGMENT REDUCTION
Tim CLUJMANS, Frederik GELAUDE, Johan ABELOOS, Filip STOCKMANS (Belgium)

24457 EXTENDED IlioFEMORAL APPROACH FOR COMPLEX ACETABULAR FRACTURES: OUR EXPERIENCE
Puneet MISHRA (India)

23191 DYNAMIC PELVIC OSTEOSYNTHESIS
Sergey SERGEEV, Oleg GRISHANIN, Vladimir MATVEEV, Dmitry GRECHUKHIN (Russia)
PROGRAMME
- ORTHOPAEDIC SURGEONS AND RESEARCHERS

24243  TREATMENT OF COMMINUTED ACETABULAR FRACTURES USING ILIZAROV LIGAMENTOTAXIS, MINIMAL INVASIVE FIXATION AND EARLY TREATMENT OF AVASCULAR NECROSIS
Nuno CRAVEIRO LOPES, Carolina ESCALDA, Carlo VILLACRESES (Portugal)

09:30-10:15  Coffee break

10:15-10:45  Plenary Lecture (in Congress Hall)
WAYS TO IMPROVE OUTCOME IN ORTHOPAEDIC SURGERY
Tommy HANSSON (Sweden)

10:45-12:15  Free Papers

Biomaterials / Cartilage Repair

Moderators:
Stephen ABELOW (United States)
Per ASPENBERG (Sweden)

23978  NANOSIZED HYDROXYAPATITE AND STEM CELL COMPOSITE IN REPAIR OF RADIAL FRACTURE GAP IN RABBITS
Safoora GHADIRIAN, Seifollah DEHGHANI NAZHVANI, M.A. BAHROLOLUM, G.A. GHADERI, Iman MOSTAFA (Iran)

25598  EFFECT OF HYPERBARIC OXYGEN AND COMPRESSION ON CHONDROCYTE PROLIFERATION
Birte SIEVERS, Nadine HOECHSMANN, Frank DUEREN, Susanne MAYER, Peter MÜLLER (Germany)

26764  EFFECTS OF COMBINED 3D- AND HYPOXIC CULTURING ON CARTILAGE-SPECIFIC GENE EXPRESSION IN HUMAN CHONDROCYTES
Casper FOLDAGER, Samir MUNIR, Michael ULRICH-VINTHER, Kjeld SØBALLE, Cody BÜNGER, Martin LIND (Denmark)

23450  BIOLOGICAL THERAPY OF BONE DEFECTS: THE IMMUNOLOGY OF BONE ALLO-TRANSPLANTATION
Simon GRAHAM (United Kingdom)

26105  A BIOMIMETIC BONE SCAFFOLD FOR TISSUE ENGINEERING
Prakash JAYAKUMAR, Amir BABAIE-MAHANI, B. BURANAWAT, Sanjukta DEB, Lucy DISILVIO (United Kingdom)

26041  SURFACE ENHANCED POLYETHERETHERKETONE MATERIALS FOR ORTHOPAEDIC IMPLANTATION
Kelvin YEUNG, So Ching LIU, Paul CHU, Keith LUK, Kenneth CHEUNG (Hong Kong)
26639  A NOVEL, ABSORBABLE BONE HEMOSTAT MATRIX DOES NOT IMPAIR BONE HEALING IN A RABBIT STERNOTOMY MODEL
Yuehuei AN, Qian KANG, Peng CHEN, Jordan KATZ, Ankur GANDHI
(United States)

24484  THE ROLE OF PLURIPOTENTIAL STEM CELLS IN THE REPAIR OF CARTILAGE DEFECTS OF MUSCULOSKELETAL SYSTEM (AN INTERVENTIONAL STUDY)
Dariush GOURAN SAVADKOOHI, Mohammad Javad ZEHTAB, Babak SIAVASHI, Mohammad MOAZZAMI, Mohammad Reza BAGHBAN ESLAMINEJAD, Leila TAGHIYAR (Iran)

25977  SMALL METALLIC JOINT IMPLANTS MAY GIVE NEGLIGIBLE DAMAGE TO OPPOSING CARTILAGE SURFACE
Nicolas MARTINEZ-CARRANZA, Hilkka NURMI-SANDH, Ann-Sofie LAGERSTEDT, Hans BERG, Kjell HULTENBY, Leif RYD (Sweden)

26595  OSTEOPONTIN FUNCTIONALIZATION OF HA/PDLLA COMPOSITE PROMOTES BONE FORMATION
Thomas JENSEN (Denmark)

25526  BIOMIMETICS BONE CONTAINED COLLAGEN TYPE I BEADS, PLATELET RICH PLASMA AND BONE MARROW MESENCHYMAL STEM CELLS PROMOTING BONE REGENERATION
Chien-Hao CHEN, Chih-Hwa CHEN, Shu-Wen WHU, Chun-I SU, Hsien-Tao LIU, Fu-Yin HSU, Bo-Nian LIN, Hsiang-Jou SUN, Chung-Ming YU (Taiwan)

12:15-13:15  Closing Ceremony (in Congress Hall)
The best thing next to bone

Trabecular Metal Revolution

With proven clinical results in primary, revision and reconstructive orthopedics, Trabecular Metal Technology is the Best Thing Next To Bone.
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