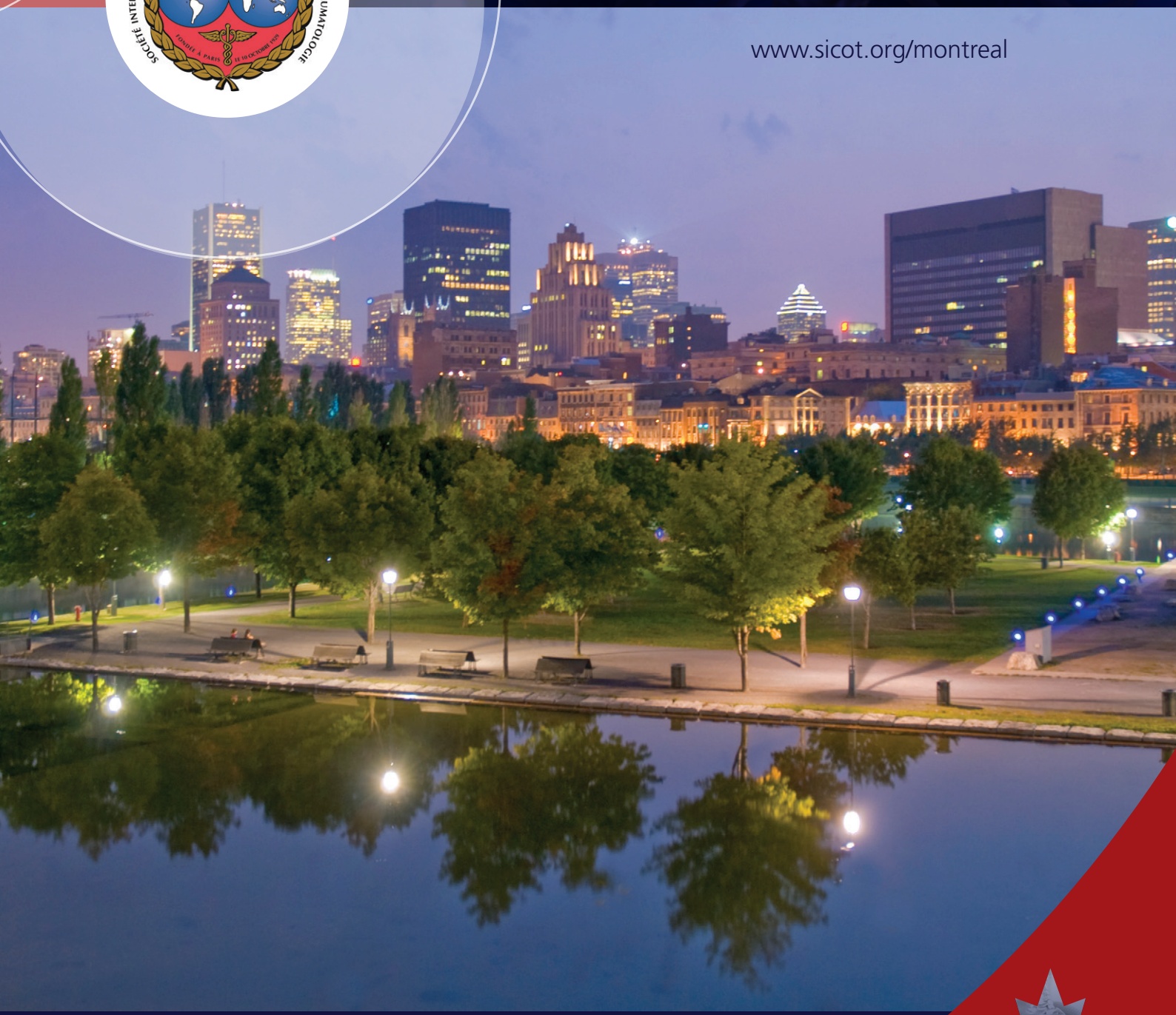
FINAL PROGRAMME

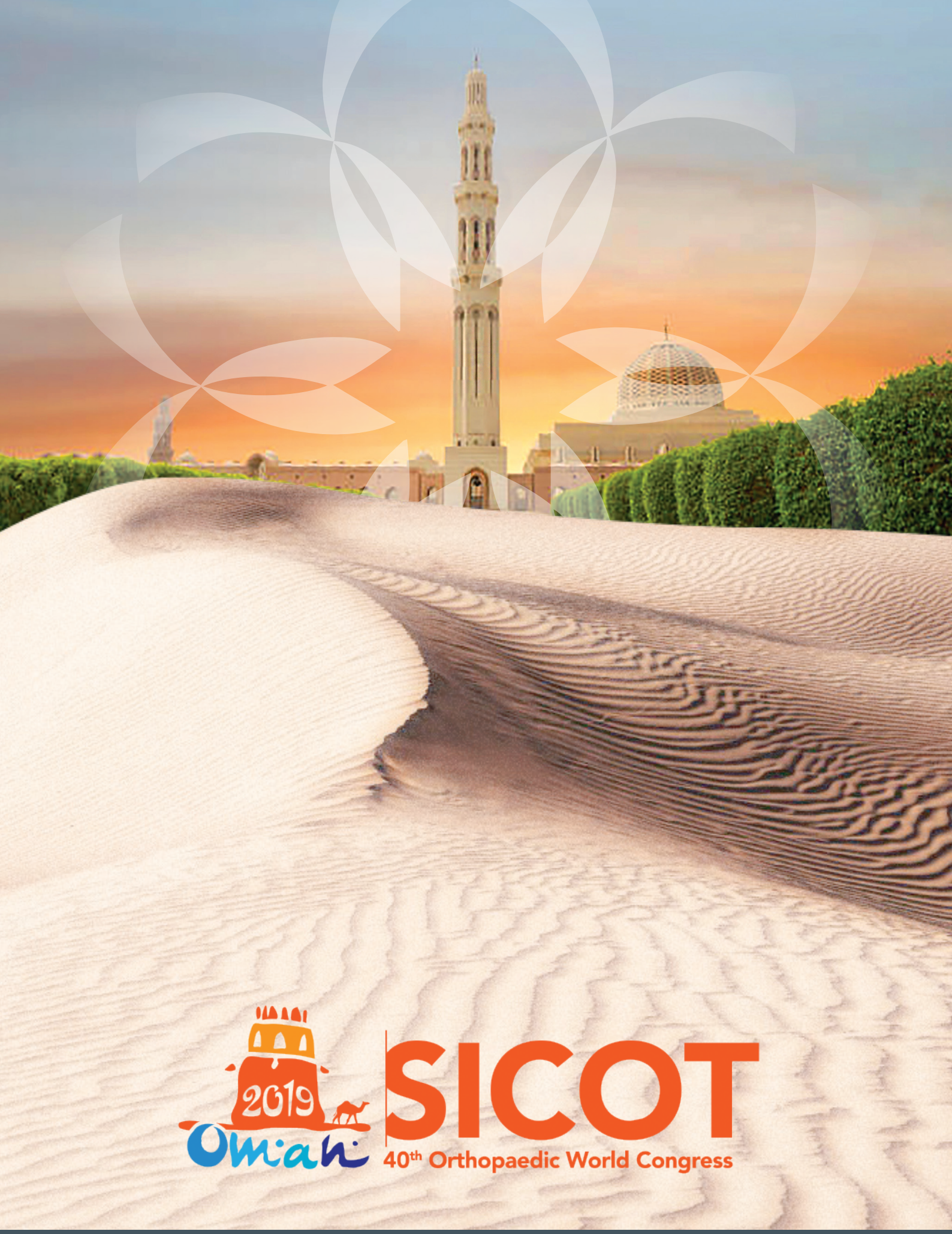
39th SICOT Orthopaedic World Congress

www.sicot.org/montreal



10-13 OCTOBER - Montréal, Canada

Canada
MONTRÉAL
Orthopaedic World Congress



SICOT

40th Orthopaedic World Congress

5-7 DECEMBER 2019 MUSCAT, OMAN

FINAL PROGRAMME

10-13 OCTOBER - Montréal, Canada

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NOTES

Welcome

SHANMUGANATHAN RAJASEKARAN - SICOT President

Warm greetings from SICOT!

It is my great pleasure to welcome you to the 39th Annual SICOT Orthopaedic World Congress in Montréal, Canada. SICOT has now evolved into the largest orthopaedic society in the world with more than 25,000 corresponding members from 119 countries. The annual meeting offers a wonderful opportunity to showcase expertise and work to a worldwide audience and promote cross fertilisation of ideas.

The meeting is designed to be rich in academic content and the programmes should capture the interest of surgeons at all stages of their careers. There are three plenary lectures from famous surgeons of diverse fields in addition to seminars, symposia, video sessions and workshops. The prestigious SICOT Research Award papers will also be presented.

The venue city, Montréal, is a vibrant and popular destination for both conferences and tourists. The conference venue is state of the art and will allow academics to exchange ideas in comfort. Montréal also has many things to offer accompanying family members, with good options for pre- and post-conference tours.

Please do not miss this opportunity for a great academic and social event.

JULIO FERNANDES - Congress President

Dear Friends and Fellow Orthopedic Surgeons from around the World,

We welcome you all to Montréal! Soyez les bienvenus à Montréal!

SICOT has seen remarkable development since its foundation on 10 October 1929 to become the global International Society for Orthopaedic Surgery and Traumatology it is in the world of today. From our original 12 member nations and five spoken languages, we have expanded to more than 110 member nations speaking well over 100 languages. SICOT presents orthopaedic surgeons from all around the world the best opportunity to exchange knowledge and information and learn from each other's experience.

Montréal is a multicultural city where East meets West and North meets South in an open and respectful society. Montréal is the most European of all North American cities, with its French language, culture and cuisine intermingling with more than 132 nationalities and well over 110 languages. As you can see, a little bit of you can be found in Montréal.

Your spouse and family will all enjoy our safe and lively city and our modern public transportation. Go discover the underground city, the Old Port and Old Montreal, the Olympic Stadium, the Mont Royal, the Casino and the Formula 1 racing track, all at a walking distance from the Palais de Congrès. Take some time to shop at St Catherine's street boutiques or at the underground malls. A one hour and 30-minute drive will take you to Ottawa and Québec City, along with the wonderful changing colours of the landscape in October. Stretch it a little more and you will be visiting Toronto and Niagara Falls!

Montréal is a turntable of innovation, renowned for its Artificial Intelligence, Virtual Reality, Nanotechnology and Biomedical Engineering schools. We are proud of the amount of knowledge we are going to share with you. Our scientific programme has been designed by Vikas Khanduja and is comprehensive: a full Educational Day for starters, more than 120 scientific sessions and instructional course lectures, a Cadaver Lab for hands-on surgical training and a case-based fragility fracture osteoporosis symposium. It is a great opportunity for you to present your work in one of the free paper sessions and on top of that, we are putting together a cutting-edge exposition of current and future technologies from our partners in academia and industry. Get ready to ride in virtual reality, to enjoy real-time simulation and to touch and play with exciting new tools and implants that are in the pipeline for the near future in orthopaedic surgery.

We are waiting for you with open arms and a warm welcome, in the best Canadian way.

39th SICOT Orthopaedic World Congress

2018

VIKAS KHANDUJA – Scientific Programme Chairman

Dear Friends,

On behalf of the SICOT Board of Directors and the Congress President, Dr Julio C. Fernandes, it gives me great pleasure to welcome every single one of you to the 39th SICOT Orthopaedic World Congress to be held from the 10-13 October 2018. This is the second time the Congress has been held in Canada, and we are thrilled to be going back to the beautiful city of Montréal.

We are expecting upwards of 2500 participants to share in the exchange of expertise from both high- and low-tech orthopaedic surgery environments, and hope to engender an ethos of openness to learning from one another, no matter how different our backgrounds.

We have been busy planning a diverse and thought-provoking programme. Over the two and a half days there will be over 50 instructional symposia from practice and research leaders as well as sessions from our partner societies. There will be space and time for discussion and participation, and we hope you will enjoy engaging in the topics. In addition, there will be around 40 free paper sessions, ten short free paper sessions and three plenary lectures from fantastic speakers: Dr Mohit Bhandari (Canada), Dr Alex Vaccaro (USA), and Professor Timothy Briggs (UK). All-in-all, we are expecting speakers from over 80 countries. Finally, we have planned an Educational Day for trainees, taking place the day before the conference begins on 10 October. This year the theme for the day will be 'The Knee' and the SICOT Diploma Exam will be available to take on the same day. We have also introduced Knee and Shoulder Cadaver Labs for the first time which will run Wednesday to Friday. We are confident that over the course of the three and a half days there will be something to whet everyone's appetite!

Personally, I am looking forward to welcoming you all to what I believe will be our most enriching and stimulating Congress yet. It has been a joy to bring this programme together and the vibrant and multicultural city of Montréal feels like the perfect place to hold this participatory event.

ORGANISING COMMITTEES

PROGRAMME COMMITTEE

Vikas Khanduja – Chair

Subspecialty Committee Chairs

Computers & Enabling Technologies	Ajeya Adhikari
Foot & Ankle	Gowreeson Thevendran
Hand	Frederic Schuind
Hip Arthroplasty	Jacques Caton
Infections	Ferdinando Da Rin De Lorenzo
Knee Arthroplasty	Francesco Falez
Orthopaedic Microsurgery	Marko Bumbasirevic
Orthopaedic Research	Hamish Simpson
Paediatrics	Patricia Fucs
Shoulder & Elbow	Nuri Aydin
Spine	Evalina Burger
Sports Traumatology & Arthroscopy	Vikas Khanduja
Trauma	Hans-Christoph Pape
Tumours	Pietro Ruggieri

SICOT HEAD OFFICE

Linda Ridefjord
Katia Gnych
Rebecca White
Vincent De Brandt

COMMERCIAL & EXHIBITION AGENT

Lina Salvati – *Linsa Inc.*
Gabriella Salvati – *Linsa Inc.*

SICOT EXECUTIVE COMMITTEE

Shanmuganathan Rajasekaran – *President*
José Sérgio Franco – *First Vice President*
John Dormans – *President-Elect*
Keith Luk – *Immediate Past President*
James Waddell – *Secretary General*
Philippe Hernigou – *Treasurer*
Vikas Khanduja – *Member at large*
Hatem Said – *Member at large*
Mohamed Sukeik – *Young Surgeons Committee Chairman (ex officio)*
Julio Fernandes – *Congress President (ex officio)*

LOCAL ORGANISING COMMITTEE

Julio Fernandes, CIUS NIM
Josée Delisle, CIUSS NIM
Luiz Fernando J Santos, CIUSS NIM
Jacques de Guise, (CHUM) ETS
Aude Castonguay, (CHUM)
Jerome Harrison, (CHUM)
Marie Jorgeault, (CHUM)
Michel Assad, AccelLAB
Lina Salvati, LINSA Inc.
Gabriella Salvati, LINSA Inc.
Kimberley Pelletier, LINSA Inc.

ABOUT SICOT

SICOT, Société Internationale de Chirurgie Orthopédique et de Traumatologie, is an international non-profit association incorporated under Belgian law with the aim to promote the advancement of the science and art of orthopaedics and traumatology at an international level in particular for the improvement of patient care, and to foster and develop teaching, research and education. In 2019, SICOT will celebrate its 90th anniversary.

The current gatherings of surgeons from 110 member nations and others beside each year are now highly organised scientific, clinical and social events. Scientific papers and lectures are presented in the traditional fields and world-class invited speakers provide contemporary thought on the latest concepts as well as on conservative and surgical treatment methods. The SICOT Congresses provide a forum for presentation of original work and for education.

SICOT is setting world standards of surgical competence – knowledge plus clinical skills – by offering an annual Diploma Examination comparable to those of exemplary institutions in highly developed countries. The two highest scoring graduates of this examination are awarded a travelling fellowship from the German Section of SICOT which provides a fully funded tour of the German centres of excellence. The SICOT Journal, *International Orthopaedics*, has shown steady gains in the Philadelphia-based publication reference rating. *SICOT-J*, its new open access journal, accepts original articles, review articles, case reports and surgical techniques. SICOT's Training Manual is there to guide trainees along a map to the goal of full training. The SICOT page and group on Facebook and the e-Newsletters are used widely for continuous communication among members and interested non-members. The SICOT Fellowships offer unique opportunities for education and exchange. The SICOT Foundation helps to provide funds for travel to congresses and to work with masters of surgery in notable teaching centres. An increasingly successful initiative has been the creation of orthopaedic Education Centres. They provide an opportunity for education, research and manual skills training. They are open to community surgeons, nurses and physiotherapists. In fact, they can bring a whole orthopaedic community together.

For more information about SICOT and its membership application, please visit the SICOT website (www.sicot.org) or the SICOT Lounge in the Exhibition Hall during the Congress. You can also receive news and information about the Society by following SICOT on Facebook, LinkedIn and Twitter, or subscribing to its e-Newsletters at www.sicot.org/enewsletter.

General Assembly

Date	Friday, 12 October
Time	13:00-14:00
Venue	Room 517d, Palais des Congrès de Montréal

All SICOT members are invited to attend the General Assembly.

Please note that SICOT members must have paid their membership dues in 2018 in order to have the right to vote.

Agenda

1. Opening remarks and approval of the minutes of the General Assembly 2017 in Cape Town – Vote
2. Report of the President – Vote
3. Report of the Secretary General – Vote
4. Report of the Treasurer – Vote
   Internal Audit report – Vote
5 Report of the Immediate Past President – Vote
   Changes to the Constitution, Bylaws and PPM - Vote
6. Report of the President-Elect – Vote
7. Any other business

Every year, SICOT grants a number of awards to surgeons. This is either to reward them for their scientific achievement or to help young doctors attend the Congress by supporting them financially.

AWARDS

The SICOT President, Shanmuganathan Rajasekaran, will present all award winners with their certificate during the Closing Ceremony on Saturday, 13 October at 12:15 in Room 517d. Award winners must attend the Closing Ceremony to receive their prize. The winners will also be announced on the SICOT website: www.sicot.org/montreal-awards

Korean SICOT Award

Sponsored by the Korean Orthopaedic Association

Awarded at the Closing Ceremony of each World Congress, a prize of USD 1,000 is granted to one orthopaedic surgeon. The purpose is to help a young surgeon attend the Congress.

Lester Lowe SICOT Awards

Sponsored by the SICOT Foundation

Two awards of USD 500 each, as well as free registration for the Congress, will be granted at the Closing Ceremony to two young orthopaedic surgeons. The purpose is to help them attend the meeting and encourage the submission of poster presentations.

Marcela Uribe Zamudio Award

Sponsored by the SICOT Foundation

A prize of USD 1,000 is awarded during the Closing Ceremony to a woman orthopaedic surgeon or trainee under 40 years of age who has published an original scientific work in orthopaedics or traumatology in the English language within the last three years. The purpose of the award is to encourage young female researchers and clinicians.

NuVasive/SICOT Foundation Scholarships

Sponsored by NuVasive & SICOT Foundation

Two scholarships of USD 2,500 each will be granted to help cover the accommodation and travel costs and a diploma will be awarded at the Closing Ceremony of the Congress. The purpose is to allow eligible Active or Associate members of SICOT to attend the SICOT Congress in Montréal.

OrthoPediatrics/SICOT Foundation Scholarships

Sponsored by OrthoPediatrics & SICOT Foundation

Two scholarships of USD 2,500 each will be granted to help cover the accommodation and travel costs and a diploma will be awarded at the Closing Ceremony of the Congress. The purpose is to allow eligible Active or Associate members of SICOT to attend the SICOT Congress in Montréal.

SICOT-Kongress-Scholarship 2017

Sponsored by the SICOT German section

The German section of SICOT is offering scholarships to attend the Congress. Candidates must be German Associate Members of SICOT under 40 years old and must have had an abstract accepted for presentation at the Congress.

SICOT Research Awards

Sponsored by the SICOT Research Academy

SICOT has established a 'Research Academy' which will foster high quality research amongst its members. The Academy has established three research awards, each in the field of: Basic Sciences; Clinical Sciences; and the Young Investigator Award. The winners were chosen based on scientific merit. The prize-winning papers will be presented on Friday, 12 October at 12:30-13:00 in Room 517d and will be awarded USD 2,000 each.

Henri Bensahel Award

Sponsored by the SICOT Congress

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). A prize of EUR 300 is awarded to one of the best podium presentations in Paediatrics.

AWARDS

Hull Deformity Course SICOT Award

Sponsored by SICOT & Hull Hospital, United Kingdom

Two awards, one for the best oral presentation and one for the best poster presentation on Deformity of the Limb and Trauma will be granted a free registration to the Hull Deformity Course, which will take place in June 2019 in Hull, United Kingdom. The course material, lunches and course dinner for all four days will be provided by the organiser. In addition, the accommodation costs will be reimbursed by SICOT up to EUR 500 (upon receiving the hotel receipt). However, the travel expenses will have to be covered by the awardee himself.

Shanmuga S. Jayakumar Award

Sponsored by the SICOT Congress

This Award was created in 2013 in honour of Shanmuga S. Jayakumar, considered to be amongst the greatest paediatric orthopaedic surgeons in the United States. A prize of EUR 300 is awarded to one of the best free paper presentations in Paediatrics.

SICOT/AAOS Annual Meeting Scholarships

Sponsored by SICOT & AAOS

AAOS (American Academy of Orthopaedic Surgeons) will provide two free registrations for the AAOS Annual Meeting to SICOT-selected scholarship recipients, who will be chosen from a pool of candidates under 45 years of age comprised of the winners of the best podium and poster presentations. Travel expenses up to EUR 500 will be covered by SICOT.

SICOT/CCJR Meeting Awards

Sponsored by SICOT & CCJR

The best podium and poster presentations in Arthroplasty are granted this award, which includes one free registration (worth USD 900) for the CCJR (Current Concepts in Joint Replacement) Winter Course and one free registration for the Spring Course. Travel expenses up to EUR 500 will be covered by SICOT.

SICOT Oral Presentation Award

Sponsored by the SICOT Congress

The presenting authors of the ten best free papers present their papers for a second time at the Best Papers Session (Friday, 12 October – 14:00-15:30 – Room 525a) during the Congress. The presenting author of the best oral presentation selected during this session is awarded a prize of EUR 800 at the Closing Ceremony.

SICOT Poster Award

Sponsored by the SICOT Congress

The presenting author of the best poster is awarded a prize of EUR 800 at the Closing Ceremony.

The list of winners is published on the SICOT website: www.sicot.org/montreal-awards

SICOT DIPLOMA EXAMINATION

	Oral part	Written part
Dates	Wednesday, 10 October	Wednesday, 10 October
Time	10:30-12:30 / 13:30-15:30 / 16:00-18:00	08:00-10:00
Venue	522a+b+c, Palais des Congrès de Montréal	521a+b+c, Palais des Congrès de Montréal

In 2003, for the first time, SICOT held an examination for orthopaedic trainees during its Annual International Conference in Cairo, Egypt. The overall results of this first experience were very encouraging, and a SICOT Diploma Examination has been held every year since then. The 16th SICOT Diploma Examination takes place on Wednesday, 10 October before the Congress and consists of a written part and an oral part.

The SICOT Diploma Examination aims to set a global standard for examination in Trauma and Orthopaedics. The exam tests the core clinical knowledge and competence of the orthopaedic candidate or surgeon in practice. The syllabus (www.sicot.org/diploma-examination) for the exam is broad, covering the whole breadth of Trauma and Orthopaedics, which can be applied globally. The candidate must be able to demonstrate clinical knowledge and competence appropriate to orthopaedic and trauma surgery across the whole breadth.

The syllabus is broadly divided into the following four domains:
- Basic Sciences – including Oncology and Infection
- Adult Pathology – Spine and Lower Limb
- Trauma
- Upper Limb and Paediatric Orthopaedics

The results of the examination will be announced at the Closing Ceremony on Saturday, 13 October at 12:15 in Room 517d and successful candidates will be presented with a diploma.

Examiners

Chief Examiner	Marc Patterson (United Kingdom)
Assistant Examiner	Vikas Khanduja (United Kingdom)

Examiners

Khaled Abdel-Kader (Egypt)
Stephen P. Abelow (United States)
Vane Antolic (Slovenia)
Arindam Banerjee (India)
Andrzej Bohatyrewicz (Poland)
Laszlo Bucsi (Hungary)
Gautam Chakrabarty (United Kingdom)
Mandeep Dhillon (India)
Bassel El-Osta (Lebanon)
Khaled Emara (Egypt)
Patricia Fucs (Brazil)
Dariush Gouran Savadkoohi (Iran)
Thamer Hamdan (Iraq)
Joshua Hyman (United States)
Satish Kutty (United Kingdom)
Luiz Lopez-Duran Stern (Iraq)
Anant Mahapatra (Ireland)
Andrew Quaile (United Kingdom)
Raja B.K. Rajasekaran (India)
Kandiah Raveendran (Malaysia)
Shantharam Shetty (India)
Vijay D. Shetty (India)
Marek Synder (Poland)
Garnet Tregonning (New Zealand)
Krishna Vemulapalli (United Kingdom)
Gershon Volpin (Israel)

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, up to a total of EUR 2,500 per fellow, includes: an economy class air ticket, food and accommodation, travel expenses within Germany, and an allowance. 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.

SCIENTIFIC PROGRAMME

GENERAL INFORMATION

Presentation Guidelines

Podium Presentations

All speakers are asked to hand in their presentation on a USB stick to the Speaker Preview Room at the very latest two hours 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 in Room 523a+b at the Palais des Congrès de Montréal and will be open during the Congress 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.

All power point slides should be set to a 16:9 aspect ratio as all screens and projectors are set to this format. If this ratio is not followed it may be that the presentation does not show full screen, or may distort.

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. Please also note that no trade names may be used in presentations – please make sure all branded products are referred to by their generic name.

e-Posters

The e-posters will be available during the entire Congress via computers located in the Exhibition Hall. The list of e-posters can be downloaded from the SICOT website at www.sicot.org/montreal-scientific-programme.

Certificates of Presentation

All Certificates of Presentation for Free Papers, Short Free Papers, Just-a-Minute (JAM) Papers, and e-Posters will be sent by email to the presenting author after the Congress.

Language

The main language of the Congress is English but the 7th Montréal Knee Day Symposium will be French-speaking with English comments. There will be no simultaneous translation.

Scientific Programme & Abstracts

The most up-to-date scientific programme is available to download on your smartphone or laptop during the Congress at www.sicot.org/montreal-scientific-programme. The abstracts of Free Paper, Short Free Paper, Just-a-Minute (JAM) Paper, and e-Poster presentations are also published on the SICOT website.

European CME Credits (ECMEC)

The 39h SICOT Orthopaedic World Congress, Montréal, Canada, 10/10/2018-13/10/2018 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 23 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 CreditsTM. Information on the process to convert EACCME® credit to AMA credit can be found at: www.ama-assn.org/go/internationalcme

CME Certificates will be provided by email AFTER the Congress once the Congress Evaluation Form has been filled in. The Evaluation Form can be found at: www.sicot.org/montreal-evaluation-form

Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada (for Canadian delegates)

The SICOT Congress has been submitted for accreditation by the Royal College of Physicians and Surgeons of Canada (RCPSC). At the time of publication of this programme, the results were still pending.

App

The Congress app will enable you to browse the comprehensive scientific programme and communicate with fellow attendees, moderators and speakers. You will also be able to check out who and where the exhibitors are in the Exhibition Hall. You can download the "SICOT World Congress 2018" app from the Apple App Store and the Google Play Store.

PEER REVIEWERS

Special thanks go to the following members of the Scientific Board who kindly gave their time to review the abstracts submitted for the Congress.

Ahmed Abdel Azeem (Egypt)
Stephen Abelow (United States)
Shankar Acharya (India)
Ahmad Ibraheem Addosooki (Egypt)
Ajeya Adhikari (United Kingdom)
Devendra Agraharam (India)
Dino Aguilar (Nicaragua)
Alaa Azmi Ahmad (Palestine)
Mohammed Al Baqali (Bahrain)
Pouya Alijanipour (United States)
Chingiz Alizadeh (Azerbaijan)
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Luis Branco Amaral (Portugal)
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Ibrahim Azboy (Turkey)
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Peteris Studers (Latvia)

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Albert Yee (Canada)
Je Hyun Yoo (South Korea)
Alastair Younger (Canada)
Qingtang Zhu (China)
Mikheil Zimlitski (Georgia)

INVITED SPEAKERS

SICOT is extremely grateful to the following Invited Speakers for giving up their valuable time to educate and participate in the 39th SICOT Orthopaedic World Congress.

Matthew Abdel (United States)
Ahmed Abdel Azeem (Egypt)
Steven Abelow (United States)
Ahmad Addosooki (Egypt)
Ajeya Adhikari (United Kingdom)
Alaa Ahmad (Palestine)
Saw Aik (Malaysia)
Sultan Al Maskari (Oman)
Shah Alam (Bangladesh)
Chingiz Alizadeh (Azerbaijan)
Amr Aly (Egypt)
Andrea Angelini (Italy)
Jamal Ashraf (India)
Chahine Assi (Lebanon)
Bulent Atilla (Turkey)
Nuri Aydin (Turkey)
Femi Ayeni (Canada)
David Backstein (Canada)
Marcus Baker (United Kingdom)
Moez Ballal (United Kingdom)
Arindam Banerjee (India)
Thomas Bauer (United States)
Steven Bellemore (Canada)
Etienne Belzile (Canada)
Benoit Benoit (Canada)
Thami Benzakour (Morocco)
Mohit Bhandari (Canada)
Nagi Chetty Bhaskaran (United Kingdom)
Peter Biberthaler (Germany)
Ruwais Binlaksar (Yemen)
Alessandro Bistolfi (Italy)
Mark Blackney (Australia)
David Blackstein (Canada)
Michael Blankstein (Canada)
Vladimir Bobic (United Kingdom)
Nicolas Bonnevialle (France)
Aju Bosco (India)
Mathias Bostrom (United States)
Ghassan Boubez (Canada)
Bertil Bouillon (Germany)
Murat Bozkurt (Egypt)
Anthony Brown (United States)
Marko Bumbasirevic (Serbia)
Cody Bunger (Denmark)
Giorgio Calori (Italy)
Rodolfo Capanna (Italy)
Jacques Caton (France)
Horacio Caviglia (Argentina)
Ram Chaddha (India)
Jas Chahal (Canada)
Gautam Chakrabarty (United Kingdom)
Ali Chamseddine (Lebanon)
Yong Cheng Hu (China)
Bancha Chernchujit (Thailand)
Mustafa Citak (Germany)
Gregory Cunningham (Switzerland)
Ferdinando Da Rin De Lorenzo (Italy)
Timothy Daniels (Canada)
Ivan De Martino (United States)
Kamal Deep (United Kingdom)
Gregory Della Rocca (United States)
Marco Demange (Brazil)
Rupinderbir Singh Deol (United Kingdom)
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Anil Dhal (India)
Mandeep Dhillon (India)
Matthew Dobbs (United States)
John Dormans (United States)
Michael Dunbar (Canada)
Ayman Ebied (Egypt)
Matthieu Ehlinger (France)
Ziyad (Jordan)
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Mohammadali Enayatollahi (Iran)
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Fernando Facanha Filho (Brazil)
Francesco Falez (Italy)
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Patricia Fucs (Brazil)
Andrew Furey (Canada)
Donald Garbuz (Canada)
Alessandro Gasbarrini (Italy)
Thorsten Gehrke (Germany)
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Panagiotis Glavas (Canada)
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Hitesh Gopalan (India)
Jean-Noel Goubier (France)
Th Gregory (France)
Richard Gross (United States)
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Steve Haas (United States)
Mahmoud Hafez (Egypt)
Reggie Hamdy (Canada)
Marc Hanschen (Germany)
Edward Harvey (Canada)
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Phillipe Hernigou (France)
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Yasuhiro Homma (Japan)
Gamal Hosny (Egypt)
Michael Huo (United States)
Gazi Huri (Turkey)
Christina Huwer (Germany)
Joshua Hyman (United States)
Sorin Daniel Iordache (Israel)
Kaan Irgit (Turkey)
Marc Isler (Canada)
Anil Kumar Jain (India)
Leslie Jameson (United States)
Kassim Javaid (United Kingdom)
Kai Oliver Jensen (Switzerland)
Inho Jeon (South Korea)
Sudhansu Jha (Nepal)
Dadi Jin (China)
Ashok Johari (India)
Jean-François Joncas (Canada)
Luiz Fernando Jordao (Brazil)
Srinath Kamineni (United States)
Christian Kammerlander (Germany)
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Suheal Khan (Thailand)
Vikas Khanduja (United Kingdom)
Vijay Khariwal (India)
Jeno Kiss (Hungary)
Fatih Kucukdurmaz (Turkey)
Evelyn Kuong (Hong Kong)
Indranil Kushare (United States)
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Wilson Li (Hong Kong)
Meir Liebergall (Israel)
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Guenter Lob (Germany)
James Loh (Singapore)
Przemyslaw Lubiatowski (Poland)
Keith Luk (Hong Kong)
Sebastian Lustig (France)
Jay Magaziner (United States)
Narender Magu (India)
Conjeevaram Maheshwer (United States)
Rajesh Malhotra (India)
Ajay Malviya (United Kingdom)
Frank Martetschlager (Germany)
Claude Martin (Canada)
Sanjiv K.S. Marya (India)
Vincent Massé (Canada)
Tomoyuki Matsumoto (Japan)
Cyril Mauffrey (United States)
Andreas Mavrogenis (Greece)
Richard Mccalden (Canada)
Alexander Mclawhorn (United States)
Anita Meehan (United States)
Ladislav Mica (Switzerland)
François Morin (Canada)
Suzanne Morin (Canada)
Matthew Morrey (United States)
Javad Mortazavi (Iran)
Fabian Moungondo (Belgium)
Mayil Natarajan (India)
Marie-Lyne Nault (Canada)
Aaron Nauth (Canada)
Vicenze Negreiros (Brazil)
Thomas Neri (France)
Alan Norrish (United Kingdom)
Markku Nousiainen (Canada)
Laurent Nove-Josserand (France)
Steven Olson (United States)
Temiloluwa Olufemi (Nigeria)
Fred Otsyeno (Kenya)
Thomas Oxland (Canada)
Alpay Merter Ozenci (Turkey)
Douglas Padgett (United States)
Gabriele Panegrossi (Italy)
Hans-Christoph Pape (Switzerland)
Jong-Beom Park (South Korea)
Vikas Patel (United States)
Marc Patterson (United Kingdom)
Norgrove Penny (Canada)
Javier Perez (Colombia)
Carsten Perka (Germany)
Bradley Petrisor (Canada)
Roman Pfeifer (Switzerland)
Fred Picard (United Kingdom)
Chua Yeok Pin (Malaysia)
Zachary Post (United States)
Hollis Potter (United States)
James Powell (Canada)
Jean-Louis Prudhon (France)
Jean Marc Puch (France)
Arvind Puri (Australia)

INVITED SPEAKERS CONTINUED...

Andrew Quaile (United Kingdom)
Shanmuganathan Rajasekaran (India)
Ashok Rajgopal (India)
Sharon Ramagnano (Canada)
Raja Rampersaud (Canada)
Amar Ranawat (United States)
Mohamed Rashed (Libya)
Jean Pierre Raynauld (Canada)
Hamdy Reggie (Canada)
Alberto Restrepo (Colombia)
Sylvain Rigal (France)
William Rodkey (United States)
Ola Rolfson (Sweden)
Emilio Romanini (Italy)
Carlo Romano (Italy)
Fernando Rosa (Brazil)
Scott Rosenfeld (United States)
Max Rudert (Germany)
Pietro Ruggieri (Italy)
Oleg Safir (Canada)
Hatem Said (Egypt)
Eduardo Salvati (United States)
Marco Sarmento (Portugal)
Darius Savadkoohi (Iran)
Jordan Saveski (Macedonia)
Marius Scarlat (France)
Joseph Schatzker (United States)
Peter Scheinemann (Germany)
Emil Schemitsch (Canada)
Reinhard Schnettler (Germany)
Gabriele Schroeder (Germany)
Frederic Schuind (Belgium)
Fabio Sciaretta (Italy)
Tom Sculco (United States)
Larent Sedel (France)
Ramesh Sen (India)
Kalpesh Shah (United Kingdom)
Hemant Sharma (United Kingdom)
Daniel Shedid (Canada)
Shantharam Shetty (India)
Vijay Shetty (India)
Divya Singh (United States)
Inderjeet Singh (Singapore)
Evrim Sirin (Turkey)
Sureshan Sivananthan (Malaysia)
Gandhi Solayar (Malaysia)
Kevin Stone (United States)
Jason Strelzow (United States)
Mohamed Sukeik (United Kingdom)
Jing Sun (China)
Karadi H. Sunil Kumar (United Kingdom)
Misty Suri (United States)
Afshin Taheriazam (Iran)
Deven Taneja (India)
Michael Tanzer (Canada)
Sachin Tapasvi (India)
Michel Teuben (Switzerland)
Gowreeson Thevendran (Singapore)
Domenico Tigani (Italy)
Simon Tiziani (Switzerland)
Satoshi Toh (Japan)
Serge Tohmé (Canada)
Eric Tortosa (Panama)
Ismail Remzi Tozun (Turkey)
Tomas Trc (Czech Republic)
Miguel Trelles (Belgium)
Anders Troelsen (Denmark)
Hiroyuki Tsuchiya (Japan)
Thomas Turgeon (Canada)
Graham Tytherleigh (United Kingdom)
Alexander Vaccaro (United States)
Lee Van Rensburg (United Kingdom)
Vilmos Vecsei (Austria)
Harald Veen (Switzerland)
Christian Veillette (Canada)
Krishna Vemulapalli (United Kingdom)
Pascal-Andre Vendittoli (Canada)
Rene Verdonk (Belgium)
François Vézina (Canada)
Hugo Viens (Canada)
Gershon Volpin (Israel)
James Waddell (Canada)
Manuj Wadhwa (India)
Markus Wambacher (Austria)
Sarah Ward (Canada)
Emal Wardak (Afghanistan)
Michael Weber (Canada)
Daniel Whelan (Canada)
Geoffrey Wilkin (Canada)
Kevin Wing (Canada)
Heinz Winkler (Austria)
Timothy Wright (United States)
Selim Yalcin (Turkey)
Chun Hoi Yan (Hong Kong)
Wai Pan Peter Yau (Hong Kong)
Josephine Yip (Hong Kong)
Alastair Younger (Canada)
Nazri M. Yusof (Malaysia)
Luigi Zagra (Italy)
Boris Zelle (United States)
Qingtang Zhu (China)

MODERATORS

Special thanks also go to the Moderators below for giving their time to moderate the Free Paper, Short Free Paper, and Just-a-Minute (JAM) sessions during the Congress.

Matthew Abdel (United States)
Steven Abelow (United States)
Adjeya Adhikari (United Kingdom)
Hazem Alkhawashki (Saudi Arabia)
Amr Aly (Egypt)
Mohammad Amjad Hossain (Bangladesh)
Jamal Ashraf (India)
Nuri Aydin (Turkey)
Femi Ayeni (Canada)
Vaibhav Bagaria (India)
Moez Ballal (United Kingdom)
Arindam Banerjee (India)
Alexandre Beletsky (Belarus)
Thami Benzakour (Morocco)
Nicolas Bonnevialle (France)
Laszlo Bucsi (Hungary)
Marko Bumbasirevic (Serbia)
Cody Bunger (Denmark)
Rodolfo Capanna (Italy)
Jacques Caton (France)
Jas Chahal (Canada)
Gautam Chakrabarty (United Kingdom)
Alice Chu (United States)
Peter Cnudde (United Kingdom)
Luiz A Munhoz Cunha (Brazil)
Josee Delisle (Canada)
Ivan De Martino (United States)
Geoffrey Dervin (Canada)
Anil Dhal (India)
Mandeep Dhillon (India)
Matthew Dobbs (United States)
John Dormans (United States)
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Michael Dunbar (Canada)
Matthieu Ehlinger (France)
Khaled Emara (Egypt)
Francesco Falez (Italy)
Peter Ferguson (Canada)
Julio C Fernandes (Canada)
Andre Ferreira (France)
Fernando Facanha Filho (Brazil)
Sergio Franco (Brazil)
Patricia Fucs (Brazil)
Sylvain Gagnon (Canada)
Martin Gargan (Canada)
Alessandro Gasbarrini (Italy)
Thorsten Gehrke (Germany)
Hitesh Gopalan (India)
Allan Gross (Canada)
Liqiang Gu (China)
Elvire Guerre (France)
Tatiana Guerschman (Brazil)
Steve Haas (United States)
Thamer A. Hamdan (Iraq)
Marc Hanschen (Germany)
Edward Harvey (Canada)
Patrick Herard (France)
Phillipe Hernigou (France)
Maurice Hinsenkamp (Belgium)
Gamal Hosny (Egypt)
Michael Huo (United States)
Anil Jain (India)
Kassim Javaid (Uk)
Dadi Jin (China)
Ashok Johari (India)
Srinath Kamineni (United States)
Vikas Khanduja (United Kingdom)
Fatih Kucukdurmaz (Turkey)
Evelyn Kuong (Hong Kong)
Mario Lampropulos (Argentina)
Brent Lanting (Canada)
Marie Le Baron (France)
Ross K Leighton (Canada)
Meir Liebergall (Israel)
Noppachart Limpaphayom (Thailand)
Guenter Lob (Germany)
Ferdinando Da Rin De Lorenzo (Italy)
Keith Luk (Hong Kong)
Jay Magaziner (United States)
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Raj Rampersaud (Canada)
Marcio Ramalho (Brazil)
Pierre Ranger (Canada)
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Pietro Ruggieri (Italy)
Eduardo Salvati (United States)
Dariush Savadkoohi (Iran)
Jordan Saveski (Macedonia)
Marius M Scarlat (France)
Joseph Schatzker (Canada)
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Hamish Simpson (United Kingdom)
Kevin Stone (United States)
Mohamed Sukeik (United Kingdom)
Marek Synder (Poland)
Afshin Taheriazam (Iran)
Deven Taneja (India)
Michael Tanzer (Canada)
Sachin Tapasvi (India)
Mihir Thacker (United States)
Gowreeson Thevendran (Singapore)
Andreas Tiemann (Germany)
Matsumoto Tomoyuki (Japan)
Tomas Trc (Czech Republic)
Graham Tytherleigh-Strong (United Kingdom)
Lee Van Rensburg (United Kingdom)
Vilmos Vecsei (Austria)
Pascal-Andre Vendittoli (Canada)
Krish Vemulapalli (United Kingdom)
Gershon Volpin (Israel)
James Waddell (Canada)
Daniel Whelan (Canada)
Tim Wilton (United Kingdom)
Wai Pan Peter Yau (Hong Kong)
Josephine Yip (Hong Kong)

Programme Colour Scheme

Foot & Ankle
Hand
Hip
Infections
Knee
Microsurgery
Miscellaneous
Paediatrics
Research
Shoulder & Elbow
Spine
Sports Medicine
Trauma
Tumours

Cadaver Lab & Partner Society Symposia
Industry-Sponsored
JAM (Just-a-Minute) Papers
Plenary Lecture
Short Free Papers
Young Surgeons
Videos & Debates

Plenary Sessions

Dr Mohit Bhandari, MD, PhD, FRCSC

OrthoEvidence: better data, better analytics, better decisions

Thursday, 11 October – 12:05-12:35 – Room 517d

Dr Mohit Bhandari currently serves as Professor and Academic Head of the Division of Orthopaedic Surgery at McMaster University. He also holds a Canada Research Chair in Evidence-Based Orthopaedic Surgery. He serves as Associate Chair, Research for the Department of Surgery and holds a unique distinction of 'University Scholar' at McMaster University. His research focuses upon improving the lives of individuals experiencing trauma. Dr Bhandari has received over 50 million dollars in research funding, published benchmark textbooks in evidence-based surgery, conducted the field's largest surgical trials and published in the top cited journals including *New England Journal of Medicine, The Lancet, BMJ,* and *Nature Reviews.*

Professor Timothy Briggs CBE, MBBS (Hons), MD(Res), MCh(Orth), FRCS(Ed), FRCS(Eng)

Improving outcomes for patients using the evidence based on the NHS experience of the Getting it Right First Time programme

Thursday, 11 October – 12:35-13:05 – Room 517d

Professor Briggs qualified from The Royal London Hospital in 1982 with honors in surgery and a number of prizes. After his senior registrar training he was appointed to the Royal National Orthopaedic Hospital as Consultant in 1992. His specialist interests are in orthopaedic oncology as well as surgery to the hip and knee. He was Medical Director at the RNOH for 15 years, ensuring a re-build and was President of the British Orthopaedic Association in 2014. He was appointed as National Director for Clinical Quality and Efficiency for the NHS in September 2015 and has been asked to lead and roll out his GIRFT methodology, developed in orthopaedics, across all surgical and medical specialties within the provider network. Professor Briggs was made a Commander of the Most Excellent Order of the British Empire (CBE) in the 2018 New Year's Honours List for services to the surgical profession.

Dr Alexander R. Vaccaro, MD, PhD, MBA

The future of medicine

Friday, 12 October – 12:00-12:30 – Room 517d

Dr Vaccaro is the Richard H. Rothman Professor and Chairman, Department of Orthopaedic Surgery and Professor of Neurosurgery at Thomas Jefferson University in Philadelphia, Pennsylvania. He was the recipient of the Leon Wiltse award given for excellence in leadership and clinical research for spine care by the North American Spine Society (NASS) and is the past President of the American Spinal Injury Association and current President of the Association for Collaborative Spine Research. He has over 700 peer reviewed and 195 non-peer reviewed publications. He has published over 340 book chapters and is the editor of over 58 textbooks and co-editor of OKU-Spine I and editor of OKU-8. Dr Vaccaro is also the President of Rothman Institute, Chairman of the Department of Orthopaedic Surgery, Co-Director of the Regional Spinal Cord Injury Center of the Delaware Valley and Co-Director of Spine Surgery at Thomas Jefferson University Hospital where he instructs current fellows and residents in the diagnosis and treatment of various spinal problems and disorders.

SICOT Research Award Papers

Friday, 12 October – 12:30-13:00 – Room 517d

The SICOT Research Awards Programme is a new initiative by the current SICOT President, Prof S. Rajasekaran, and comprises three awards of USD 2,000 each. The winners of these awards were chosen on scientific merit by the newly formed Research Academy led by Prof Matt Dobbs following review of submitted manuscripts. The winning authors will be presenting their research in this session and the following Awards will be presented: 1) The SICOT Clinical Research Award, 2) The SICOT Basic Science Award, 3) The SICOT Young Investigator Award

WELCOME TO MONTREAL

The Palais des congrès de Montréal is located in the Quartier international de Montréal at the north end of Old Montréal in Montréal's borough of Ville - Marie. The Palais was constructed above the Ville-Marie Expressway, the main underground highway of downtown Montréal.

Keynote Lectures

THURSDAY, 11 OCTOBER

08:00-10:00	517d	Conjeevaram B. Maheshwer (United States)	Periprosthetic fractures around the knee
08:00-10:00	518a+b	Eduardo Salvati (United States)	Five decades experience in VTE prophylaxis
08:00-10:00	519a+b	Gautam Chakrabarty (United Kingdom)	Why are knees failing in 2018?
08:00-10:00	520a+b	Kevin Stone (United States)	Future of biologic joint replacement
08:00-10:00	520c	Thomas Oxland (Canada)	Biomechanical modelling of spinal cord injury
08:00-10:00	521a+b+c	Marko Bumbasirevic (Serbia)	Ilizarov treatment of scaphoid nonunion
08:00-10:00	522a+b+c	Mandeep Dhillon (India)	Talus fractures: complications and salvage
08:00-10:00	523a	Srinath Kamineni (United States)	Shoulder arthritis and treatment options
08:00-10:00	524c	Rodolfo Capanna (Italy)	Infections in cancer
08:00-10:00	518c	Graham Tytherleigh-Strong (United Kingdom)	Anterior shoulder instability: the management of bone loss
16:00-17:30	518c	To be confirmed	To be confirmed

FRIDAY, 12 OCTOBER

08:00-10:00	517d	Joseph Schatzker (Canada)	Managing the Schatzker V and VI tibial plateau fractures
08:00-10:00	518a+b	Allan Gross (Canada)	Restoration of bone stock in revision arthroplasty of the acetabulum
08:00-10:00	524a	Patricia Fucs (Brazil)	Non-idiopathic clubfoot: from the beginning to the end
08:00-10:00	519a+b	Mayil Natarajan (India)	Limb salvage surgery in bone tumours using custom mega prosthesis
08:00-10:00	520a+b	Femi Ayeni (Canada)	Femoroacetabular Impingement: where the evidence is taking us
08:00-10:00	520c	Marcio Ramalho (Brazil)	Future perspectives of the full endoscopy approaches to treat spinal pathologies
08:00-10:00	521a+b+c	Lee Van Rensburg (United Kingdom)	Boyds interval: the gateway to the elbow
08:00-10:00	522a+b+c	Jamal Ashraf (India)	Acetabular fractures in the elderly: the dilemma - repair or replace?
16:00-17:30	518c	Rob Nelissen (Netherlands)	New technology and patient safety: lessons from registries and migration studies

SATURDAY, 13 OCTOBER

08:00-10:00	518c	Andrew McCaskie (United Kingdom)	All you wished to know about stem cells!
10:30-12:00	519a+b	Tim Wilton (United Kingdom)	Stabilising the revision TKR components: what combination of stems, cement and bone graft will work?

Partner Society Symposia

Evaluation of Implant Failure in Total Hip Arthroplasty: A Multidisciplinary Approach
Thursday, 11 October - 14:00-15:30
Room 518a+b

Current Solutions for Periprosthetic Hip Fractures
Friday, 12 October – 14:00-15:30
Room 524c

Periprosthetic Joint Infections
Friday, 12 October – 16:00-17:30
Room 524c

Shaping a Successful Orthopaedic Career
Friday, 12 October – 14:00-15:30
Room 524b

Innovations in the Treatment of Proximal Tibia Fractures
Friday, 12 October – 16:00-17:30
Room 524a

& Hull Deformity

Practical Analysis and Correction of Femoral Deformity: Tips and Tricks
Saturday, 13 October – 08:00-10:00
Room 520a+b

Practical Analysis and Correction of Femoral Deformity: Tips and Tricks
Thursday, 11 October – 14:00-15:30
Room 524c

Dual Mobility International Society

Dual Mobility
Friday, 12 October – 07:00-08:00
Room 518a+b

Fragility Fracture Network
Saturday, 13 October – 08:00-10:00
Room 524a

Repair, Restore, Regenerate: Emerging Techniques in Cartilage Defects Treatment
Thursday, 11 October – 10:30-12:00
Room 520a+b

9th International Clubfoot Congress
Thursday, 11 October – 08:00-10:00/10:30-12:00/14:00-15:30
Room 524a

Osteoporosis (Fragility) Fractures in Orthopaedic Surgery: Interactive Case Discussion
Wednesday, 10 October – 13:00-17:30
Room 518a+b

Complex Unique Fractures
Friday, 12 October – 10:30-12:00
Room 517d

Subjects in Orthopaedic Surgery in Latin America
Saturday, 13 October – 08:00-10:00
Room 520c

The Post-traumatic Osteoarthritic Knee
Friday, 12 October – 14:00-15:30
Room 521a+b+c

Bone and Joint Infections: Impact and Novel Solutions
Saturday, 13 October – 08:00-10:00
Room 522a+b+c

World Orthopaedic Concern
Saturday, 13 October – 08:00-10:00
Room 524c

Programme at a Glance

Wednesday, 10 October 2018

Time	520a+b	519a+b	Room 520d+e+f	518a+b	521a+b+c (written) 522a+b+c (oral)
08:00-10:00	8th SICOT Educational Day	27th International Course on Polytrauma Management	Cadaver Labs	Meeting Room	*SICOT Diploma Exam*
10:00-10:30			*Break*		
10:30-12:00	8th SICOT Educational Day	Polytrauma Management Course	Cadaver Labs	Meeting Room	*SICOT Diploma Exam*
12:00-14:00			*Break*		
14:00-15:30	8th SICOT Educational Day	Polytrauma Management Course	Cadaver Labs	IOF - Osteoporosis (Fragility) Fractures in Orthopaedic Surgery: Interactive Case Discussion	*SICOT Diploma Exam*
15:30-16:00			*Break*		
16:00-17:30	8th SICOT Educational Day	Polytrauma Management Course	Cadaver Labs	IOF - Osteoporosis (Fragility) Fractures in Orthopaedic Surgery: Interactive Case Discussion	*SICOT Diploma Exam*

Thursday, 11 October 2018

Time	Room 517d	Room 518a+b	Room 519a+b	Room 520a+b	Room 520c	Room 521a+b+c	Room 522a+b+c	Room 524a	524b	Room 524c	Room 525a	Room 518c	Room 520d+e+f
08:00-10:00	Trauma Free Papers (Lower Limb)	Hip Free Papers (Primary THA)	Knee Free Papers (Total Knee Arthroplasty I)	Sports Medicine Free Papers (Cartilage and Meniscus)	Spine Free Papers (I)	Hand Free Papers (I)	Foot & Ankle Free Papers (I)	Clubfoot Society - 9th International Clubfoot Congress (I)	Meeting Room	Tumours Free Papers	Research Free Papers (I)	Shoulder and Elbow Short Free Papers (I)	Cadaver Labs
10:00-10:30							*Break - JAM SESSION 1*						
10:30-12:00	Trauma - Surgical Strategies in the Multiply Injured Patient	Hip Preservation - Updates in Hip Preservation	Knee - How to Perform a Successful Primary Total Knee Arthroplasty	ICRS - Repair, Restore, Regenerate: Emerging Techniques in Cartilage Defects Treatment	Spine - Spinal Infections	Hands - Minimally Invasive Hand and Wrist Surgery (I) & War and Terror Attack Injuries to the Hand	Foot & Ankle - Debate: Hallux Valgus & Talar Osteochondral Lesions	Clubfoot Society - 9th International Clubfoot Congress (II)	Meeting Room	Tumours - New Technologies for Reconstruction in Muscoskeletal Oncology	Research Symposium	Shoulder and Elbow Short Free Papers (II)	Cadaver Labs
12:00-12:05	Introduction to Scientific Programme - Mr. Vikas Khanduja (517d)												
12:05-12:35	Plenary Lecture 1 - Prof. Mohit Bhandari (517d)												
12:35-13:05	Plenary Lecture 2 - Prof. Timothy Briggs (517d)												
13:05-14:00		*Break*		Industry-Sponsored Session	*Break*								
14:00-15:30	Trauma - Open Fractures and Compartment Syndrome - An Update	American Hip Society - Evaluation of Implant Failure in Total Hip Arthroplasty: A Multidisciplinary Approach	Knee - Can Technology and Design Improve Outcomes of Total Knee Arthroplasty?	Sports - Meniscus Preservation - Surgical Video, Technical Tips and Results	Spine - Cauda Equina Syndrome	Hands - Minimally Invasive Hand and Wrist Surgery (2)	Foot & Ankle - Debate: End-Stage Ankle Arthritis & Calcaneal Fractures	Clubfoot Society - 9th International Clubfoot Congress (III)	Ballistic Injuries - Sequential Treatment of Ballistic Injuries of the Limb and Infection	COAGS - Orthopaedic Surgery in Austere Environments: The Canadian Response	Orthopaedic Microsurgery in China	Tumours Short Free Papers	Cadaver Labs
15:30-16:00							*Break - JAM SESSION 2*						
16:00-17:30		Hip Free Papers (Hip Fractures)	Knee Free Papers (HTO and UNI)	Sports Medicine Free Papers (Ligament I)	Spine Free Papers (II)	Hand Free Papers (II)	Foot & Ankle Free Papers (II)	Paediatrics Free Papers (I)	Meeting Room	Young Surgeons Committee - Difficult Case Discussions in Hip Arthroplasty	Research Free Papers (II)	Trauma Short Free Papers	Cadaver Labs
17:45-19:15	OPENING CEREMONY												

Friday, 12 October 2018

Time	Room 517d	Room 518a+b	Room 519a+b	Room 520a+b	Room 520c	Room 521a+b+c	Room 522a+b+c	Room 524a	Room 524b	Room 524c	Room 525a	Room 518c	Room 520d+e+f
07:00-08:00	Trauma - High Energy Tibial Plateau Fractures	Dual Mobility International Society									Young Surgeons Committee - Virtual Workshop: How to Search Literature		
	Break												
08:00-10:00	Trauma Free Papers (Polytrauma)	Hip Free Papers (Hip Revision)	Knee Free Papers (Total Knee Arthroplasty II)	Sports Medicine Free Papers (Miscellaneous)	Spine Free Papers (III)	Shoulder & Elbow Free Papers (I)	Infections Free Papers (I)	Paediatrics Free Papers (II)	Meeting Room	Meeting Room	Medical Writing	Foot & Ankle Short Free Papers	Cadaver Labs
10:00-10:30	*Break - JAM SESSION 3*												
10:30-12:00	OTA - Complex Unique Fractures	Hip - How Registries Change Our Practice for Total Hip and Knee Arthroplasty	Computer Assisted Orthopaedic Surgery	Sports - Update in Anterior Cruciate Ligament Reconstruction	Spine - Myelopathy	Shoulder Instability	Infections - Current Concepts in the Management of Osteomyelitis	Paediatrics - Trauma Management in Adolescents	7th Montreal Knee Day	Microsurgery Symposium	Reviewer's Course and Workshop	Spine Short Free Papers	Cadaver Labs
12:00-12:30	Plenary Lecture 3 - Dr. Alexander R Vaccaro (517d)												
12:30-13:00	Research Academy - Prof. S Rajasekaran (517d)												
13:00-14:00	SICOT GENERAL ASSEMBLY	*Break*		Industry-Sponsored Session	*Break*								
14:00-15:30	Trauma - Pelvic Ring Fractures	Hip - New Technologies in Total Hip Arthroplasty	Young Surgeons Committee - Difficult Primary Knee Arthroplasty: Case Discussion	Sports - Multiligament Injuries in the Knee	Spine - Safety in Spine Surgery and Trauma	Elbow Pain - Arthroscopy to Arthroplasty	Infections - Use and Prevention of Infection in the Mega Prosthesis & What's New in Tuberculosis?: An Update from Around the World	Paediatrics - Syndromes, Dysplasia and Acquired Limb Deformities	APOA - Shaping a Successful Orthopaedic Career	AORecon - Current Solutions for Periprosthetic Hip Fracture	Best Papers Session	Research Short Free Papers	Cadaver Labs
15:30-16:00	*Break - JAM SESSION 4*												
16:00-17:30	Trauma Free Papers (Pelvis)	Hip - Managing Modern Complications of Total Hip Arthroplasty	Knee Free Papers (Total Knee Arthroplasty III)	Sports Medicine Free Papers (Ligament II)	Spine Free Papers (IV)	Shoulder & Elbow Free Papers (II)	Infections Free Papers (II)	ARTOF - Innovations in the Treatment of Proximal Tibia Fractures	Meeting Room	AORecon - Periprosthetic Joint Infections	Leadership & Education - Training the Next Generation	Hip Short Free Papers	Cadaver Labs

Saturday, 13 October 2018

Time	Room 517d	Room 518a+b	Room 519a+b	Room 520a+b	Room 520c	Room 521a+b+c	Room 522a+b+c	Room 524a	Room 524b	Room 524c	Room 525a	Room 518c	Room 520d+e+f
08:00-10:00	Trauma - Geriatric Fractures: A COTS Session	Hip - Preventing Complications Following Fractures of the Proximal Femur	Knee - Is Revision Surgery Easier Today?	ASAMI and Hull Deformity - Practical Analysis and Correction of Femoral Deformity: Tips and Tricks	SLAOT - Subjects in Orthopaedic Surgery in Latin America	SOFCOT - Contribution of Arthroscopy in Bone and Joint Traumatology Surgery	WAIOT - Bone and Joint Infections: Impact and Novel Solutions	Fragility Fracture Network	Enhanced Recovery and Outpatient Arthroplasty	World Orthopaedic Concern	Medicolegal Symposium	Sports Medicine Short Free Papers	Meeting Room
10:00-10:30	*Break*												
10:30-12:00	Trauma Free Papers (Upper Limb)	Hip Free Papers (Miscellaneous)	Knee Free Papers (Revision)	Miscellaneous Free Papers	Injury Prevention and Road Safety	Emerging Technology Free Papers	Young Surgeons Committee - Periprosthetic Joint Infection: Case Discussion	Trauma Free Papers (Miscellaneous)	WAIOT Meeting	Developing World Free Papers	Pain Management and Osteoporosis Free Papers	Knee Short Free Papers	Meeting Room
12:15-13:30	CLOSING CEREMONY												

8th SICOT Educational Day | 10 October | Room 520a+b

08:30 - 10:10

Fractures Around the Knee Joint

Moderator: Hitesh GOPALAN (INDIA)

08:30 Welcome
Wai Pan Peter YAU (HONG KONG)

08:40 Young Surgeons Committee and its activities
Mohamed SUKEIK (UNITED KINGDOM)

08:50 Clinical anatomy of the knee and common surgical approaches
Satish KUTTY (UNITED KINGDOM)

09:00 Fractures of the shaft of femur and tibia
Bradley PETRISOR (CANADA)

09:10 Fractures of the distal femur
Aaron NAUTH (CANADA)

09:20 Fractures of the proximal tibia
Hitesh GOPALAN (INDIA)

09:30 Fractures of the patella and osteochondral fractures
Shantharam SHETTY (INDIA)

09:40 Periprosthetic fractures around the knee joint
Fatih KUCUKDURMAZ (TURKEY)

09:50 Interactive case discussion
Hitesh GOPALAN (INDIA)

10:30 - 11:40

Meniscus and Cartilage

Moderator: Wai Pan Peter YAU (HONG KONG)

10:30 Meniscus - anatomy, biomechanics and classification of tears
Wai Pan Peter YAU (HONG KONG)

10:40 Meniscectomy and meniscal repair - technique and results
Aaron NAUTH (CANADA)

10:50 Meniscal transplant and artificial implants
René VERDONK (BELGIUM)

11:00 Cartilage repair - marrow stimulation, OATS, AMIC and ACI
Vijay SHETTY (INDIA)

11:10 High tibial osteotomy
Hatem Galal SAID (EGYPT)

11:20 Interactive case discussion
Wai Pan Peter YAU (HONG KONG)

11:50 - 13:00

Patellofemoral Joint

Moderator: Arindam BANERJEE (INDIA)

11:50 Applied anatomy and biomechanics of the patellofemoral joint
Indranil KUSHARE (UNITED STATES)

12:00 Principles of management of patellar dislocation
Robert LITCHFIELD (CANADA)

12:10 Proximal realignment procedures
Ashok JOHARI (INDIA)

12:20 Distal realignment procedures
Arindam BANERJEE (INDIA)

12:30 Quadriceps tendon and ligamentum patellae ruptures
Mandeep DHILLON (INDIA)

12:40 Interactive case discussion
Arindam BANERJEE (INDIA)

13:40 - 14:20

Common Paediatric Knee Problems

Moderator: Ashok JOHARI (INDIA)

13:40 Management of angular deformities around the knee
Joshua HYMAN (UNITED STATES)

13:50 Infection around the knee joint in the developing skeleton
Patricia FUCS (BRAZIL)

14:00 Discoid meniscus and osteochondritis dissecans
Krishna VEMULAPALLI (UNITED KINGDOM)

14:10 Principles of management of osteosarcoma around the knee joint
Bulent EROL (TURKEY)

14:30 - 15:30

Ligaments

Moderator: Vikas KHANDUJA (UNITED KINGDOM)

14:30 Ligaments - anatomy, biomechanics, injury and healing
René VERDONK (BELGIUM)

14:40 Anterior cruciate ligament reconstruction
Alpay Merter OZENCI (TURKEY)

14:50 Posterior cruciate ligament – Injury & Reconstruction
Vikas KHANDUJA (UNITED KINGDOM)

15:00 Knee dislocation and multiple ligament injury
Daniel WHELAN (CANADA)

15:10 Interactive case discussion
Vikas KHANDUJA (UNITED KINGDOM)

15:50 - 17:30

Arthroplasty & Round-Up

Moderator: Fatih KUCUKDURMAZ (TURKEY)

15:50 Prosthesis design and biomaterials
Ismail Remzi TOZUN (TURKEY)

16:00 Indications and planning - unicompartmental knee arthroplasty and total knee arthroplasty
Matthew MORREY (UNITED STATES)

16:10 Primary total knee arthroplasty - surgical technique
Zachary POST (UNITED STATES)

16:20 Difficult primary total knee arthroplasty
Chun Hoi YAN (HONG KONG)

16:30 Management of periprosthetic joint infection
Alan NORRISH (UNITED KINGDOM)

16:40 Complications of total knee arthroplasty and management
David BACKSTEIN (CANADA)

16:50 Interactive case discussion
Fatih KUCUKDURMAZ (TURKEY)

17:10 Introduction of SICOT Educational Day 2019
Fatih KUCUKDURMAZ (TURKEY)

17:20 Round-up and photo
Wai Pan Peter YAU (HONG KONG)

27th International Course on Polytrauma Management | 10 October | Room 519a+b

08:25 - 10:00

General Considerations

Moderators: Guenter LOB (GERMANY), Gershon VOLPIN (ISRAEL)

08:25 Introduction
Hans-Christoph PAPE (SWITZERLAND)

08:30 Practical exercise - Definition of polytrauma
Roman PFEIFER (SWITZERLAND)

09:00 Road safety - European approaches, successes and problems
Guenter LOB (GERMANY)

09:15 Road traffic accidents – challenges across Africa
Thami BENZAKOUR (MOROCCO)

09:30 Definition of polytrauma and patterns of mobility
Simon TIZIANI (SWITZERLAND)

09:45 Early diagnostic procedures
Gershon VOLPIN (ISRAEL)

10:30 - 12:00

Special Problems

Moderators: Vilmos VECSEI (AUSTRIA), Roman PFEIFER (SWITZERLAND)

10:30 Strategies and treatment of brain injuries
Stephan FRENZEL (AUSTRIA)

10:45 Abdominal injuries - indications for surgery
Vilmos VECSEI (AUSTRIA)

11:00 Management of SIRS and MODS after trauma
Michel TEUBEN (SWITZERLAND)

11:15 Clearing trauma patients for surgery - which parameters are the best?
Roman PFEIFER (SWITZERLAND)

11:30 Case session I
Vilmos VECSEI (AUSTRIA)

13:30 - 16:30

Priority of Care and Multiply Injured Patients

Moderators: Cyril MAUFFREY (UNITED STATES), Shanmuganathan RAJASEKARAN (INDIA)

13:30 Safe definitive surgery/EAC protocol
Hans-Christoph PAPE (SWITZERLAND)

13:45 Amputation versus reconstruction
Jordan SAVESKI (MACEDONIA)

14:00 Which spinal fractures require emergency surgery?
Kai Oliver JENSEN (SWITZERLAND)

14:15 Stabilisation of hemodynamically unstable patients with pelvic injuries
Cyril MAUFFREY (UNITED STATES)

14:30 Case session II
Hans-Christoph PAPE (SWITZERLAND)

15:30 Video session - pelvic packing
Cyril MAUFFREY (UNITED STATES)

16:00 Case session III
Hans-Christoph PAPE (SWITZERLAND), Meir LIEBERGALL (ISRAEL)

16:30 - 17:30

Reconstruction and Outcome

Moderators: Jordan SAVESKI (MACEDONIA), Emil SCHEMITSCH (CANADA)

16:30 Soft-tissue management / Ganga open injury severity score
Shanmuganathan RAJASEKARAN (INDIA)

16:45 Effects of the LEAP project on management
Emil SCHEMITSCH (CANADA)

17:00 New challenges in trauma care
Vilmos VECSEI (AUSTRIA)

17:15 Discussion of practical exercise
All

Knee-Shoulder Arthroscopy Cadaver Lab | 10 October | Room 520d+e+f

08:00 - 12:00

Instructional Course – Knee Arthroscopy Cadaver Lab

Moderator: Ziyad ELQIREM (JORDAN)

Instructors: Julio C. FERNANDES (CANADA), Mohamed SOBHY (EGYPT), James LOH (SINGAPORE), Celia DE CONTI (BRAZIL), Edmar STEVENS (BRAZIL), Mauro ALBANO (BRAZIL)

ACL reconstruction: grafts, tunnels and fixation

Primary ACL repair

PCL reconstruction: all-inside versus open tunnel

MCL reconstruction and posterolateral corner reconstruction

ALL reconstruction

Meniscal repair: inside-out, all-inside and outside-in, meniscal root repair

MPFL reconstruction

(This session is repeated as above on 11 and 12 October)

08:00 - 12:00

Instructional Course – Shoulder Arthroscopy Cadaver Lab

Moderator: Ziyad ELQIREM (JORDAN)

Instructors: Carlos Henrique RAMOS (BRAZIL), Ahmed KANDIL (EGYPT), Leonardo DAU (BRAZIL), Wilson LI (HONG KONG)

Subacromial decompression

SLAP repair

Bankart repair

Biceps tenodesis

Rotator cuff repair

Superior capsular reconstruction

SSN decompression (tunnel and notch)

Latarjet

(This session is repeated as above on 11 and 12 October)

13:00 - 17:00

Instructional Course – Knee Arthroscopy Cadaver Lab

Moderators: Hatem Galal SAID (EGYPT), Julio C. FERNANDES (CANADA)

Instructors: Peter GLAVAS (CANADA), Marie-Lyne NAULT (CANADA), James LOH (SINGAPORE), Edmar STEVENS (BRAZIL), Francisco ASSIS (BRAZIL), Francois VEZINA (CANADA)

ACL reconstruction: grafts, tunnels and fixation

Primary ACL repair

PCL reconstruction: all-inside versus open tunnel

MCL reconstruction and posterolateral corner reconstruction

ALL reconstruction

Meniscal repair: inside-out, all-inside and outside-in, meniscal root repair

MPFL reconstruction

(This session is repeated as above on 11 and 12 October)

13:00 - 17:00

Instructional Course – Shoulder Arthroscopy Cadaver Lab

Moderators: Hatem Galal SAID (EGYPT), Julio C. FERNANDES (CANADA)

Instructors: Gabriel RIFFEL (BRAZIL), Ziyad EL QIREM (JORDAN), Timothy HERON (CANADA), Carlos Henrique RAMOS (BRAZIL)

Subacromial decompression

SLAP repair

Bankart repair

Biceps tenodesis

Rotator cuff repair

Superior capsular reconstruction

SSN decompression (tunnel and notch)

Latarjet

(This session is repeated as above on 11 and 12 October)

International Osteoporosis Foundation | 10 October | Room 518a+b

13:00 - 17:30

Partner Society Symposium – IOF: Osteoporosis (Fragility) Fractures in Orthopaedic Surgery: Interactive Case Discussion

Moderators: Kassim JAVAID (UNITED KINGDOM), Josee DELISLE (CANADA)

13:00 Opening message
Julio C. FERNANDES (CANADA), Kassim JAVAID (UNITED KINGDOM)

13:05 Case study 1 - patient presenting with first distal radius fracture
Suzanne MORIN (CANADA)

13:45 Case study 2 - patient presenting with a vertebral fracture
Michael WEBER (CANADA)

14:40 Case study 3 - patient presenting with a proximal humerus fracture while under osteoporosis therapy
Jean Pierre RAYNAULD (CANADA)

15:20 Case study 4 - patient presenting with a fracture of the hip
Kassim JAVAID (UNITED KINGDOM)

16:10 Case study 5 - patient presenting with atypical femoral fracture
Julio C. FERNANDES (CANADA)

16:50 Closing message

08:00 - 10:00

Free Paper Session – Trauma (Lower Limb)

Moderators: Conjeevaram B. MAHESHWER (UNITED STATES), Satish KUTTY (UNITED KINGDOM)

08:00 KEYNOTE LECTURE: Periprosthetic fractures around the knee
Conjeevaram B. MAHESHWER (UNITED STATES)

08:15 Factors affecting the length-of-stay and one-year postoperative mortality rate of hip fracture patients at Birmingham Heartlands Hospital, 2016
Atif AYUOB, Shafiq SHAHBAN, Nikhil KHARWADKAR, Angeline SIMONS (UNITED KINGDOM)

08:23 Results of MIPO method in calcaneal fractures in comparison to plate fixation and the role of radiology in our treatment strategy
Ihab ABBAS, Husam RAHMEH (UNITED ARAB EMIRATES)

08:31 Outcomes of management of periprosthetic fractures around stable hip or knee implants with 'total femoral plating'
Dominic DAVENPORT, Jonathan HUTT, Alex TROMPETER, Philip MITCHELL, Nemandra SANDIFORD (UNITED KINGDOM)

08:39 Intramedullary nailing with stem lengthening in periprosthetic fractures of the femur: 100 consecutive cases
Alexander CHELNOKOV[1], Reinhard SCHNETTLER[2], Igor PIVEN[3], Alexey SEMENISTYY[1]
[1](ISRAEL), [2](GERMANY), [3](RUSSIA)

08:47 Analysis of risk factors for re-nonunion in patients with nonunion following primary revision subsequent to tibia shaft intramedullary nailing
Lu YAO, Ma TENG, Wang QIAN, Li ZHONG (CHINA)

08:55 Fast-track surgery for pertrochanteric fractures: what is the impact on the length of hospital stay?
Mathurin GOMEZ, Clément MARC, Abdelhafid TALHA, Sophie NOUBLANCHE, Nicolas RUIZ, Sara BERGMAN, Patrick CRONIER, Louis RONY, Raphaelle GIBAUD, Thomas POUDEROUX, Romain LANCIGU, Julien BACHLER, Laurent HUBERT (FRANCE)

09:03 Results of revision surgery for bisphosphonate related atypical femur fracture nonunion
Gaurav PYDISETTY, Mathias NAGY, Tariq KWAEES, Kiran SALDANHA (UNITED KINGDOM)

09:11 Comparison of the outcome between conventional open technique and minimally invasive technique using dynamic hip screw for fixation of inter-trochanteric fracture of femur
Rajiv MAHARJAN, Bikram Prasad SHRESTHA, Guru Prasad KHANAL, Pashupati CHAUDHARY, Raju RIJAL (NEPAL)

09:19 A comparative study of results of treatment of distal femur fracture by retrograde nail versus locking compression plate outcome study
Amber KANKANE, Paras GUPTA (INDIA)

09:27 Total hip arthroplasty in polytrauma patients: a prospective study
Rishi THAKRAL, Bryan S. BROCKMAN, Jeremiah MAUPIN (UNITED STATES)

09:35 Low profile medial malleolar locking plate: one stop solution to all medial malleolar fractures
Rahul GROVER, Loveneesh KRISHNA (INDIA)

10:30 - 12:00

SICOT Instructional Symposium – Surgical Strategies in the Multiply Injured Patient

Moderators: Gershon VOLPIN (ISRAEL), Hans-Christoph PAPE (SWITZERLAND)

10:30 Emergency room requirements - the Vienna experience
Stephan FRENZEL (AUSTRIA)

10:38 Surgery - how early is early?
Roman PFEIFER (SWITZERLAND)

10:46 Fat embolism - a current perspective
Michael BLANKSTEIN (CANADA)

10:56 Debate: why I perform ETC
James WADDELL (CANADA)

11:04 Debate: why I perform DCO
Gershon VOLPIN (ISRAEL)

11:12 Safe definitive surgery
Hans-Christoph PAPE (SWITZERLAND)

11:20 Polytrauma - generalist or expert?
Vilmos VECSEI (AUSTRIA)

11:28 Questions and answers – expert panel
Michael BLANKSTEIN (CANADA), Vilmos VECSEI (AUSTRIA), James WADDELL (CANADA), Gershon VOLPIN (ISRAEL), Hans-Christoph PAPE (SWITZERLAND)

12:00-12:05

Introduction to the Scientific Programme – Vikas KHANDUJA (UNITED KINGDOM)

12:05-12:35

Plenary Session – Mohit BHANDARI (CANADA)

LECTURE TITLE: OrthoEvidence: better data, better analytics, better decisions

12:35-13:05

Plenary Session – Timothy BRIGGS (UNITED KINGDOM)

LECTURE TITLE: Improving outcomes for patients using the evidence based on the NHS experience of the Getting it Right First Time programme

14:00 - 15:30

SICOT Instructional Symposium – Open Fractures and Compartment Syndrome: An Update

Moderators: Shanmuganathan RAJASEKARAN (INDIA), Edward HARVEY (CANADA)

14:00 Use of the Ganga Hospital score for open fractures
Shanmuganathan RAJASEKARAN (INDIA)

14:10 How I diagnose acute compartment syndrome – I rely on data!
Emil SCHEMITSCH (CANADA)

14:20 How I diagnose acute compartment syndrome - the clinical look
Reinhard SCHNETTLER (GERMANY)

14:30 How and when to deal with soft-tissue damage and soft-tissue loss in open fractures
Vilmos VECSEI (AUSTRIA)

14:40 Soft-tissue coverage issues after compartment syndrome
Edward HARVEY (CANADA)

14:50 Outcomes after compartment syndrome - what are the issues?
Frankie Ka Li LEUNG (HONG KONG)

15:00 Video presentation: how I do it/questions and answers
Dariush SAVADKOOHI[1], Edward HARVEY[2], Emil SCHEMITSCH[2], Frankie Ka Li LEUNG[3]
[1](IRAN), [2](CANADA), [3](HONG KONG)

Hip | 11 October | Room 518a+b

08:00 - 10:00

Free Paper Session – Hip (Primary THA)

Moderators: Eduardo SALVATI (UNITED STATES), Jacques CATON (FRANCE)

08:00 KEYNOTE LECTURE: Five decades experience in VTE prophylaxis
Eduardo SALVATI (UNITED STATES)

08:15 Matched dual mobility versus standard PE on the contralateral hip: a mean ten-year study
Philippe HERNIGOU, Jean Louis PRUDHON, Jacques CATON (FRANCE)

08:23 Safety and feasibility of same-day total hip arthroplasty: a retrospective, single-centre observational study in 116 patients
Merete Nørgaard MADSEN, Maria Lange KIRKEGAARD, Malene LAURSEN, Jens Rolighed LARSEN, Merete Frydenlund PEDERSEN, Birgitte SKOVGAARD, Lone Ramer MIKKELSEN (DENMARK)

08:31 Bilateral total hip arthroplasty: one-stage versus two-stage procedure
Afshin TAHERIAZAM, Farshad SAFDARI (IRAN)

08:39 Total hip arthroplasty for the adult dysplastic hip: a formula for estimation of age at primary THA based on individual hip joint geometry
Anastasia RAKOW, Lena EYDAM, Georgi WASSILEW, Carsten PERKA, Michael MÜLLER (GERMANY)

08:47 Direct anterior versus posterior minimally invasive approach for total hip arthroplasty: a multicentre prospective randomised clinical study
Kevin MOERENHOUT, Pascale DEROME, G.-Yves LAFLAMME, Stephane LEDUC, Henri-Servantes GASPARD, Benoit BENOIT (CANADA)

08:55 Ceramic-on-polyethylene bearing usage in primary THA is associated with reduced readmission risk for the Medicare population
Steven KURTZ, Edmund LAU, Doruk BAYKAL, Bryan SPRINGER (UNITED STATES)

09:03 Squeaking ceramic-on-ceramic total hip arthroplasties: 3D analysis of CT scans
Andreas LEITHNER, Boris SCHILLER, Jörg FRIESENBICHLER, Michael MAIER, Lukas LEITNER, Werner MAURER-ERTL (AUSTRIA)

09:11 Shortened stem in primary total hip arthroplasty at a minimum five-year follow-up: a multicentre series of 220 cases
Jean Marc PUCH, Loys DESCAMPS, Guy DERHI (FRANCE)

09:19 Are results of dual mobility cup in a young and athletic population identical to those of an older one?: A comparative series of DMC in patients under 55 years old over 12 years follow-up
Jacques CATON, Jean Marc PUCH, Loys DESCAMPS, Guy DERHI (FRANCE)

09:27 Are outcomes of total hip arthroplasty in femoral head osteonecrosis worse than in primary hip osteoarthritis?
Ferdinando IANNOTTI, Fabio MARZILLI, Piergiorgio DROGO, Silvia FRONTINI, Attilio SPERANZA, Raffaele IORIO, Carmelo D'ARRIGO, Andrea FERRETTI (ITALY)

09:35 Total hip arthroplasty using dual mobility cup in patients with osteonecrosis of the femoral head
Chahine ASSI, Nadim KHEIR, Camille SAMAHA, Jad MANSOUR, Kaissar YAMMINE (LEBANON)

09:43 Patient-dependent risk factors for self-perceived leg-length discrepancy after total hip arthroplasty
Vane ANTOLIC, Blaz MAVCIC, Drago DOLINAR, Borut POMPE (SLOVENIA)

09:51 Mid-term results of metaphyso-diaphyseal fixation using a novel uncemented short femoral stem in THA
Benjamin PULIERO[1], William BLAKENEY[1], Martin LAVIGNE[1], Jurg AEBI[2], Pascal-André VENDITTOLI[1]
[1](CANADA), [2](FRANCE)

10:30 - 12:00

SICOT Instructional Symposium – Update in Hip Preservation

Moderators: Vikas KHANDUJA (UNITED KINGDOM), Femi AYENI (CANADA)

10:30 Clinical examination of a young adult with hip pain
Etienne BELZILE (CANADA)

10:38 Investigating a young adult with hip pain
Scott ROSENFELD (UNITED STATES)

10:46 Indications for hip arthroscopy in 2018
Misty SURI (UNITED STATES)

10:54 Managing dysplasia in the young adult
Ajay MALVIYA (UNITED KINGDOM)

11:02 Managing Cam FAI
Vikas KHANDUJA (UNITED KINGDOM)

11:10 Managing Pincer FAI
Geoffrey WILKIN (CANADA)

11:18 Debate: Capsular closure versus
Femi AYENI (CANADA)

11:22 Leave it open
Geoffrey WILKIN (CANADA)

11:26 Debate: Labral debridement versus
Femi AYENI (CANADA)

11:30 Labral repair
Ajay MALVIYA (UNITED KINGDOM)

11:34 Acetabular labral repair (video)
Hatem Galal SAID (EGYPT)

11:38 Addressing the Cam lesion (video)
Etienne BELZILE (CANADA)

11:42 Discussion
All

14:00 - 15:30

Partner Society Symposium – American Hip Society: Evaluation of Implant Failure in Total Hip Arthroplasty: A Multidisciplinary Approach

Moderator: Douglas E. PADGETT (UNITED STATES)

14:00 Introduction
Douglas E. PADGETT (UNITED STATES)

14:10 Clinical presentation/workup of the failed implant
Mathias BÖSTROM (UNITED STATES)

14:23 Imaging of failed implants using MR techniques
Hollis POTTER (UNITED STATES)

14:36 Pathology of failed implants
Thomas BAUER (UNITED STATES)

14:49 Implant retrieval analysis
Timothy WRIGHT (UNITED STATES)

15:02 Surgical management
Mathias BÖSTROM (UNITED STATES)

15:15 Case presentations
Douglas E. PADGETT (UNITED STATES)

16:00 - 17:30

Free Paper Session – Hip (Hip Fractures)

Moderators: Scott ROSENFELD (UNITED STATES), Sandor MESTER (HUNGARY)

16:00 Intracapsular femoral neck fractures in young adults: a 12-hour window for treatment?
Shuail NOOR, Jason SIBBEL (UNITED KINGDOM)

16:08 Treatment of 118 unstable intertrochanteric fractures in the morbid elderly with cementless hip arthroplasty: risk-benefit analysis and comparison with a cemented cohort
Rajiv THUKRAL, Sanjiv K.S. MARYA (INDIA)

16:24 Prosthetic replacement is better than osteosynthesis in intertrochanteric fracture femur in the elderly: a prospective randomised blinded study
Aditya K. AGGARWAL, Bibek BHANDARI, A. SINHA, Vishal KUMAR (INDIA)

16:32 Acute versus delayed total hip arthroplasty in acetabular fractures
Gauthier GRACIA, Philippe CHIRON, Paul BONNEVIALLE, Nicolas REINA (FRANCE)

16:40 Survey on the atypical femoral fractures in long-term bisphosphonate use
Kagayaki SAHARA, Kengo HARIGANE, Yuichi MOCHIDA, Naoto MITSUGI, Tomoyuki SAITO (JAPAN)

16:48 Is dual-mobility articulation a wise option for displaced femur neck fracture in elderly patients with neuromuscular disorder?
Sang-Min KIM, Je-Hyun YOO, Dong Hun SUH, Seok Hyun KWEON (SOUTH KOREA)

Knee | 11 October | Room 519a+b

08:00 - 10:00

Free Paper Session – Knee (Total Knee Arthroplasty I)

Moderators: Gautam CHAKRABARTY (UNITED KINGDOM), Sachin TAPASVI (INDIA)

08:00 KEYNOTE LECTURE: Why are knees failing in 2018?
Gautam CHAKRABARTY (UNITED KINGDOM)

08:15 Improvement of femoral cement penetration by pressure application
Martin SCHWARZE, Nicholas A. BECKMANN, Johannes A. ECKERT, Rudi Georg BITSCH, Sebastian JÄGER, Mareike SCHONHOFF (GERMANY)

08:23 Simultaneous bilateral total knee replacement: prospective and comparative study in relation to patient selection and safety
Rajkumar NATESAN (INDIA)

08:31 Total knee arthroplasty using cruciate retaining prosthesis in arthritic knees with attenuated or deficient PCL: mid-term results
Chandra Shekhar YADAV, Sumit ANAND, Samarth MITTAL, Nishikant KUMAR, Arnab SAIN (INDIA)

08:39 Mechanical alignment and outcome of total knee replacement in obese patients using measured resection and intramedullary technique
Asif A. Hameed PARKAR, Mohit BANSAL, Amir SANDIFORD, Dinae BACK, Pater EARNSHAW (UNITED KINGDOM)

08:47 Dynamic knee alignment behaviour after total knee arthroplasty aiming for a neutral mechanical alignment
Frédéric LAVOIE, Nicola HAGEMEISTER, Gabriel LAROSE, Alexandre FUENTES, Rachid AISSAOUI, Jacques DE GUISE (CANADA)

08:55 A comparison of patella resurfacing versus retention in total knee arthroplasty for patient satisfaction and patellar crepitus after surgery
S.M. Javad MORTAZAVI, Mohammad Hasan KASEB, Hesam TOOFAN (IRAN)

09:03 Correlation between component rotation and functional outcome in total knee arthroplasty: a prospective CT-based study
Rajkumar NATESAN (INDIA)

09:11 Randomised prospective controlled study assessing postoperative long leg mechanical alignment following total knee arthroplasty using accelerometer-based portable navigation system: iAssist versus conventional instrumentation
Noor Azmi MOHAMMAD, Nikhil PRADHAN (UNITED KINGDOM)

09:19 To retain or not?: the fate of patellar revision in patients with aseptic patellar component loosening
Zachary POST, Andres DUQUE, Fabio OROZCO, David BI, Danielle PONZIO, Alvin ONG (UNITED STATES)

09:27 The amount of PCL actually retained in cruciate retaining total knee arthroplasty and its effect on functional outcome
Vivek VIJAYAKUMAR (INDIA)

09:35 Five-year follow-up of 285 valgus knee total knee arthroplasties with GPS navigated Exactech Optetrak implants
Umesh NAGARE, Suyash GAWANDE, Parimal KORE, Ravikumar V. PRAJAPATI (INDIA)

09:43 Long-term comparison on clinical performance and survivorship between single radius fixed-bearing and mobile-bearing total knee prostheses in the same patients with severe varus deformity
Sang-Min KIM, Je-Hyun YOO, Dong Hun SUH, Seok Hyun KWEON (SOUTH KOREA)

10:30 - 12:00

SICOT Instructional Symposium – How to Perform a Successful Primary Total Knee Arthroplasty

Moderators: Francesco FALEZ (ITALY), Steve HAAS (UNITED STATES)

10:30 Preoperative planning - what should we focus on?
David BACKSTEIN (CANADA)

10:38 Surgical technique - incision and exposure (video)
Steve HAAS (UNITED STATES)

10:46 Surgical technique - bone cuts and ligament balancing - achieving high flexion (video)
Sachin TAPASVI (INDIA)

10:54 Surgical technique – cementing (video)
Matthew MORREY (UNITED STATES)

11:02 Which implant shall we use? - evidence-based approach
Richard MCCALDEN (CANADA)

11:10 Pain management during and following a total knee arthroplasty
Geoffrey DERVIN (CANADA)

11:18 Accelerated rehabilitation following a total knee arthroplasty
Sarah WARD (CANADA)

11:26 Factors affecting satisfaction following a TKA
Vikas KHANDUJA (UNITED KINGDOM)

11:34 Tips and tricks for ensuring a happy and satisfied patient
Ashok RAJGOPAL (INDIA)

11:42 Discussion
All

14:00 - 15:30

SICOT Instructional Symposium – Can Technology and Design Improve Outcomes of Total Knee Arthroplasty?

Moderators: Francesco FALEZ (ITALY), Tom SCULCO (UNITED STATES)

14:00 Debate: Kinematic alignment versus conventional approach
Brent LANTING (CANADA)

14:08 Debate: CR versus PS
Ashok RAJGOPAL (INDIA), Zachary POST (UNITED STATES)

14:16 Debate: Gap balancing versus measured resection
Gabriele PANEGROSSI (ITALY), Steve HAAS (UNITED STATES)

14:24 Does design affect outcome following total knee arthroplasty?
Brent LANTING (CANADA)

14:32 The bicruciate total knee arthroplasty - is it really better than the conventional one?
Anders TROELSEN (DENMARK)

14:40 New technology in joint replacement - can we afford it?
Tom SCULCO (UNITED STATES)

14:48 Lessons learned from navigation - the Japanese experience
Tomoyuki MATSUMOTO (JAPAN)

14:56 PMI versus conventional total knee arthroplasty
Vikas KHANDUJA (UNITED KINGDOM)

15:04 Robotic total knee arthroplasty
Michael DUNBAR (CANADA)

15:12 Discussion
All

16:00 - 17:30

Free Paper Session – Knee (HTO and UNI)

Moderator: Geoffrey DERVIN (CANADA)

16:00 Results of Oxford mobile bearing medial unicompartmental knee replacement in patients with tibia vara
Vijay KUMAR[1], Naman WAHAL[1], Deep SRIVASTAVA[1], Hemant PANDIT[2], Rajesh MALHOTRA[1]
[1](INDIA), [2](UNITED KINGDOM)

16:08 Results of Oxford unicompartmental knee replacement in Indian patients with associated patellofemoral arthritis
Vijay KUMAR[1], Naman WAHAL[1], Hemant PANDIT[2], Rajesh MALHOTRA[1]
[1](INDIA), [2](UNITED KINGDOM)

16:16 Unicompartmental knee replacement combined with anterior cruciate ligament reconstruction: mid-term results
Clara TERZAGHI, Claudio LEGNANI, Enrico BORGO, Vittorio MACCHI, Alberto VENTURA (ITALY)

16:24 Five-year experience of semi-active robotic partial knee replacement
Alberto GREGORI, Dawn MCLEAN (UNITED KINGDOM)

16:32 Oxford unicompartmental knee arthroplasty: ten-year results from an independent centre
Manjunathan SIVAPRAKASAM, Satish RAJANKULAM GANESAN, Jerome DAVIDSON, Kim MILES, Kate WEATHERLY, Adrian BUTLER-MANUEL (UNITED KINGDOM)

16:40 Lateral unicompartmental knee replacement using inlay fixed bearing all-polyethylene tibial component: survivorship and mid-term outcomes
Juan Paulo PANTI (AUSTRALIA)

16:48 Effect of high tibial osteotomy on hip biomechanics in patients with genuvarum: a prospective cohort study
Mehdi MOGHTADAEI, Bahram BODDOUHI, Ali YEGANEH (IRAN)

16:56 Learning curve of robotic-arm assisted total knee arthroplasty
Zachary POST, Andres DUQUE, Antonia CHEN, Benjamin FINK, Alvin ONG, Fabio OROZCO (UNITED STATES)

17:04 Patient-reported outcomes correlate with functional scores after opening wedge high tibial osteotomy
Ki-Mo JANG, Jae-Hyuk CHOI, Seung-Beom HAN (SOUTH KOREA)

08:00 - 10:00

Free Paper Session – Sports Medicine (Cartilage and Meniscus)

Moderators: Kevin STONE (UNITED STATES), Fabio SCIARETTA (ITALY)

08:00 KEYNOTE LECTURE: Future of biologic joint replacement
Kevin STONE (UNITED STATES)

08:15 Human autologous micro-fragmented adipose tissue intra-articular injections for knee osteoarthritis
Fabio Valerio SCIARRETTA, Carolina FOSSATI, Silvana CAMPISI (ITALY)

08:23 Mid-term outcomes of cartilage repair using the LIPO-AMIC technique
Fabio Valerio SCIARRETTA, Carolina FOSSATI, Silvana CAMPISI (ITALY)

08:31 Spontaneous osteonecrosis of knee treated with percutaneous core decompression: a retrospective study
Rex CHANDRABOSE, Niraj TAPADIYA (INDIA)

08:39 Long-term safety and effectiveness of coblation (radio frequency plasma) for knee chondroplasty
Amir KAMALI[1], David FLANIGAN[2], Christopher KAEDING[2], Jack FARR[2], Douglas ROESHOT[2], Thomas ELLIS[2], Paul SENSIBA[2], Nebojsa SKREPNIK[2], Scott SLAGIS[2], Brian NIELSEN[2], Lawrence HOUSMAN[2], Christopher O'GRADY[2], Charles ROTH[2], Roger OSTRANDER[2]
[1](UNITED KINGDOM), [2](UNITED STATES)

08:47 Clinical and radiological results of management of multi-locular cartilage lesions of the patellofemoral joint by matrix autologous chondrocyte transplantation
Hani ELTAIR[1], Joachim SUCHOWIERSKI[1], Pia JUNGMANN[2], Christian HOLWEIN[1], Mohamed ABOLATA[3], Mohamed Goda MONTASER[3], Andreas SCHMITT[1], Andreas IMHOFF[1]
[1](GERMANY), [2](SWITZERLAND), [3](EGYPT)

08:55 Clinical results of arthroscopic treatment for Baker's cyst: two years follow-up
Joseph Yangjin RHO, Yong-Geun PARK, Minyoung KIM (SOUTH KOREA)

09:03 Predisposed osteoarthritis affecting functional outcomes of arthroscopic popliteal cyst excision
Chun Liang WANG, Chung Hsun CHANG (TAIWAN)

09:11 Comparison of clinical outcomes and second-look arthroscopic findings after all-inside suture repair versus fixative devices for meniscal tear
Seung-Suk SEO, Chang-Kyu KIM, Mu-Won KIM (SOUTH KOREA)

09:19 Comparison of clinical examination and MRI findings with arthroscopy findings of meniscal lesions occurring in ACL deficient knees
Nitish BANSAL (INDIA)

09:27 Meniscus allograft survival in adolescents: long-term outcomes
Kevin STONE, Ann WALGENBACH, Susan HENNESSY, David GREENE, Thomas TUREK (UNITED STATES)

09:35 Clinical outcome after arthroscopic implantation of meniscal scaffold in patients with post-meniscectomy syndrome
Venkata Subba Reddy ELICHERLA REDDY[1], Harold VANDERSCHMIDT[2], Gopi Krishna Reddy GADDAM[1]
[1](INDIA), [2](UNITED ARAB EMIRATES)

09:43 Arthroscopic inside-out pie-crusting technique in medial meniscus repair
Levent BAYAM, Mehmet ERDEM, Ahmet Can ERDEM, Abdulhalim AKAR, Alauddin KOCHAI, Deniz GÜLABI (TURKEY)

10:30 - 12:00

ICRS

Partner Society Symposium – ICRS: Repair, Restore, Regenerate: Emerging Techniques in Cartilage Defects Treatment

Moderators: Steven ABELOW (UNITED STATES), Fabio SCIARRETTA (ITALY)

10:30 Use of meniscal allografts
René VERDONK (BELGIUM)

10:38 Use of nanofractures
William RODKEY (UNITED STATES)

10:46 Use of chitosan therapy
Julio C. FERNANDES (CANADA)

10:54 Use of third generation ACI
John LANE (UNITED STATES)

11:02 Use of adipose stem cells
Fabio SCIARRETTA (ITALY)

11:10 Use of bone marrow concentrate
Alberto GOBBI (ITALY)

11:18 Use of amniotic stem cells
Kevin STONE (UNITED STATES)

11:26 Use of allografts
Steven ABELOW (UNITED STATES)

11:34 Use of subchondroplasty
Marco DEMANGE (BRAZIL)

11:42 Use of partial resurfacing implants
Vladimir BOBIC (UNITED KINGDOM)

11:50 Discussion
All

13:00 - 14:00

Industry-Sponsored Session

14:00 - 15:30

SICOT Instructional Symposium – Meniscus Preservation - Surgical Video, Technical Tips and Results

Moderators: Vikas KHANDUJA (UNITED KINGDOM), Wai Pan Peter YAU (HONG KONG)

14:00 Meniscus preservation - past, present and future
René VERDONK (BELGIUM)

14:10 Repairing the 'common' - longitudinal tear
Daniel WHELAN (CANADA)

14:18 Repairing the 'common' - horizontal tear
Alan NORRISH (UNITED KINGDOM)

14:26 Repairing the 'difficult' - ramp lesion of posterior horn of medial mensicus
Bancha CHERNCHUJIT (THAILAND)

14:34 Repairing the 'difficult' - root tear of posterior horn of lateral meniscus
Sachin TAPASVI (INDIA)

14:42 Repairing the 'irreparable' - radial tear
Robert LITCHFIELD (CANADA)

14:50 Repairing the 'irreparable' - discoid meniscus with tear
James LOH (SINGAPORE)

14:58 Repairing the 'irreparable' - why repair? Just replace: current concepts
Kevin STONE (UNITED STATES)

15:08 Case presentation and discussion
All

16:00 - 17:30

Free Paper Session – Sports Medicine (Ligament I)

Moderators: Kevin STONE (UNITED STATES), Steven ABELOW (UNITED STATES)

16:00 Graft bending angle at the intra-articular femoral tunnel aperture after PCL reconstruction: inside-out versus outside-in techniques
Ki-Mo JANG, Dae-Hee LEE (SOUTH KOREA)

16:08 A quantifiable risk factor for ACL injury: applied mathematics to model the lateral tibial plateau surface geometry
Jimmy TAT[1], Andrew CRAPSER[1], Motaz ALAQEEL[1], Iskandar TAMIMI[2], Justin SCHUPBACH[1], Jacob LEE-HOWES[1], Paul MARTINEAU[1]
[1](CANADA), [2](SPAIN)

16:16 Patient participation during anterior cruciate ligament reconstruction surgery improves comprehension and satisfaction
Louis COURTOT (FRANCE)

16:24 Delay in surgery predisposes to meniscal and chondral injuries in anterior cruciate ligament deficient knees
Vikas BACHHAL, Ravi GUPTA (INDIA)

16:32 Meniscal height as a predictor of non-contact ACL injury
Motaz ALAQEEL[1], Andrew CRAPSER[1], Jimmy TAT[1], Justin SCHUPBACH[1], Iskandar TAMIMI[2], Paul MARTINEAU[1]
[1](CANADA), [2](SPAIN)

16:40 The role of MRI imaging of the anterolateral ligament in the setting of knee instability with an anterior cruciate ligament injury
Juan Gabino GOMEZ MONT, Ramon GONZALEZ, Felix GIL ORBEZO, Alejandro FLORES (MEXICO)

16:48 Allograft versus allograft with internal bracing in anterior cruciate ligament reconstruction in revision cases after ACL re-rupture
Andrea BALTIC, Gerwin BERNHARDT, Matthias WOLF, Paul RUCKENSTUHL, Tobias OSWALD, Andreas LEITHNER, Gerald GRUBER (AUSTRIA)

16:56 Biomechanical analysis of anterior cruciate ligament through tibial fixation considering interference screw, post and metal interference screw and post (hybrid fixation) techniques
Fernando ROSA, Fernando Pessoa WEISS, Felipe Augusto De Aguiar POSSOLI, Isabel Ziesemer COSTA, Paulo César BORGES, Edmar Stieven FILHO, Luiz Fernando KUBRUSLY (BRAZIL)

17:04 Can conventional X-ray imaging predict anterior cruciate ligament reconstruction failure?
Adham Are ELGEIDI, Roshdy ELSALLAB, Mohamed BADRAN, Aboghoneim M. ABOGHONEIM (EGYPT)

17:12 Internal brace for 111 acute knee dislocations: better early recovery and sustained long-term results
Josee DELISLE, Pierre RANGER, Andréa SENAY, Marc LACELLE, Geneviève ROCHETTE-GRATTON (CANADA)

Spine | 11 October | Room 520c

08:00 - 10:00

Free Paper Session – Spine (I)

Moderators: Thomas OXLAND (CANADA), Ram CHADDHA (INDIA)

08:00 KEYNOTE LECTURE: Biomechanical modelling of spinal cord injury
Thomas OXLAND (CANADA)

08:15 Prophylactic vertebral augmentation after intra-disc leakage due to kyphoplasty for the treatment of osteoporotic compression fracture: a retrospective cohort study
Jile JIANG (CHINA)

08:23 Predictors of mortality in elderly patients with fractures of the odontoid process: can we use established hip fracture scoring systems?
Epaminondas VALSAMIS, Roozbeh SHAFAFY, Joshua LUCK, Richard DIMOCK, Shiva RAMPERSAD, Will KIEFFER, Sherief ELSAYED (UNITED KINGDOM)

08:31 Long segment versus short segment with intermediate vertebral screw in management of type A and B thoracolumbar fractures
Hamdy TAMMAM, Elsayed SAID, Ahmed ADDOSOOKI (EGYPT)

08:39 Vertebral fracture mechanisms and disc behaviour vary depending on disc degeneration and bone quality loss
Marine DORSEMAINE, Yvan PETIT, Anne-Laure MENARD, Nicolas BAILLY, Eric WAGNAC (CANADA)

08:47 Outcome of repair of symptomatic pars defect by intra-laminar screws and bone graft
Md. Kamrul AHSAN (BANGLADESH)

08:55 Dynamic C-spine X-ray in trauma may modify the application of the AO sub-axial cervical spine injury classification increasing surgical intervention
Ruben THUMBADOO, Herog JAN, Bhamber NIV, Bernard JASON, Bishop TIMOTHY, Lui DARREN (UNITED KINGDOM)

09:03 More than one spine pathology: which one is the symptom generator?
Thamer A. HAMDAN, Raed CHASIB (IRAQ)

09:11 Diffuse tensor imaging versus conventional MRI in evaluation of cord integrity in acute spinal cord injury
Hemant BANSAL, Utkrisht MANDOT, Shyam Kumar SHARAF (INDIA)

09:19 Sequential electrodiagnostic studies in patients with acute traumatic spinal cord injury: correlation with neurological damage and recovery
Roop SINGH (INDIA)

09:27 The pathologic mechanisms underlying lumbar distraction spinal cord injury in rabbits
Ji WU, Chao ZHENG, Di WU (CHINA)

09:35 A prospective study to evaluate agreement between the Asia impairment scale and magnetic resonance imaging to predict neurological recovery in acute traumatic spinal cord injury
Roop SINGH (INDIA)

09:43 Relationships between specific functional abilities and health-related quality of life in chronic spinal cord injury
Julien GOULET (CANADA)

10:30 - 12:00

SICOT Instructional Symposium – Spinal Infections

Moderator: Cody BUNGER (DENMARK)

10:30 Surgical management of spine tuberculosis in India
Shanmuganathan RAJASEKARAN (INDIA)

10:38 Surgical management of spine tuberculosis
Dadi JIN (CHINA)

10:46 When is antitubercular chemotherapy enough and should you carry out surgery?
Dadi JIN (CHINA)

10:54 Spine infections (and those mimicking infection) in paediatrics
John DORMANS (UNITED STATES)

11:02 Spine infections in adult population
Ghassan BOUBEZ (CANADA)

11:10 Management of post-surgical site infection
Ram CHADDHA (INDIA)

11:18 Cases – show and tell
All

14:00 - 15:30

SICOT Instructional Symposium – Cauda Equina Syndrome

Moderators: Jong-Beom PARK (SOUTH KOREA), Keith LUK (HONG KONG)

14:00 Signs, symptoms and pathophysiology

14:10 Differential diagnosis, imaging and other diagnostic aids
Anil Kumar JAIN (INDIA)

14:20 Treatment and outcomes
Cody BUNGER (DENMARK)

14:30 Missed diagnosis and the legal implications
Vikas PATEL (UNITED STATES)

14:40 Rehabilitation and other procedures for permanent lesions
Scott LAKER (UNITED STATES)

14:50 Cases and panel discussion
Fernando Facanha FILHO (BRAZIL)

15:10 Questions and answers
All and audience

16:00 - 17:30

Free Paper Session – Spine (II)

Moderators: Vikas PATEL (UNITED STATES), Fernando Facanha FILHO (BRAZIL)

16:00 The preliminary application of free-run electromyography in percutaneous endoscopic lumbar discectomy
Guanhua XU, Zhi-Ming CUI (CHINA)

16:08 Percutaneous kyphoplasty with bracing instrument for the treatment of spinal fractures with ankylosing spondylitis
Hao LIU, Tao LIU, Huilin YANG (CHINA)

16:16 Ionising radiation exposure during transforaminal lumbar interbody fusion surgery: a comparison of open versus minimally invasive surgery techniques
Karadi H. SUNIL KUMAR, Saajid KALEEL, Robert LOVELL, Shaishav BHAGAT, David CUMMING (UNITED KINGDOM)

16:24 Where is the optimal position of the CBT screw end point?: from the aspect of an anatomical position-related study of CBT screw in lumbosacral fixation
Seiji OTSUKA, Muneyoshi FUKUOKA, Jun MIZUTANI, Nobuyuki SUZUKI, Akira KONDO, Takanobu OTSUKA (JAPAN)

16:32 Risk factors of reoperation after lumbar microsurgical bilateral decompression via a unilateral approach
Hiroshi KONO, Takafumi MAENO, Hideki MATSUDA (JAPAN)

16:40 Learning curve in minimally invasive surgery of adolescent idiopathic scoliosis
Seonghyun KANG, Jae Hyuk YANG, Seung Woo SUH (SOUTH KOREA)

16:48 A meta-analysis of endoscopic discectomy versus open discectomy for symptomatic lumbar disc herniation
Cong LIN (CHINA)

16:56 Unilateral percutaneous endoscopic debridement and drainage for lumbar infectious spondylitis
Zefeng YU, Xuepeng WANG (CHINA)

17:04 Feasibility of virtual reality combined with isocentric navigation in percutaneous endoscopic transforaminal discectomy
Guoxin FAN, Shisheng HE (CHINA)

17:12 Facet sagittal orientation: possible role in the pathology of degenerative lumbar spinal stenosis
Xiang LIU, Xiaodong ZHAO, Yaowu LONG, Kai HUANG, Jixing WANG (CHINA)

17:20 Correlations between the SF-36, the Oswestry-Disability Index and Rolland-Morris Disability Questionnaire in patients undergoing lumbar decompression according to types of spine origin pain
Sang-Bong KO, Chae SEUNGBUM, Choi WONKEE (SOUTH KOREA)

Knee-Shoulder Arthroscopy Cadaver Lab | 11 October | Room 520d+e+f

08:00 - 12:00

Instructional Course – *Knee Arthroscopy Cadaver Lab*

Moderator: Don JOHNSON (CANADA)

Instructors: Luiz Fernando JORDAO (BRAZIL), Mohamed SOBHY (EGYPT), Fernando ROSA (BRAZIL), Veronique GODBOUT (CANADA), Mauro ALBANO (BRAZIL)

See page 26 for course details.

08:00 - 12:00

Instructional Course – Shoulder Arthroscopy Cadaver Lab

Moderator: Don JOHNSON (CANADA)

Instructors: Carlos Henrique RAMOS (BRAZIL), Nuri AYDIN (TURKEY), Ziyad ELQIREM (JORDAN), Gabriel RIFFEL (BRAZIL)

See page 26 for course details.

13:00 - 17:00

Instructional Course – Knee Arthroscopy Cadaver Lab

Moderator: Don JOHNSON (CANADA)

Instructors: Sebastien SIMARD (CANADA), Joao LUIZ (BRAZIL), Ahmed KHATER (EGYPT), Marie-Lyne NAULT (CANADA), Peter GLAVAS (CANADA), Francois VEZINA (CANADA)

See page 26 for course details.

13:00 - 17:00

Instructional Course – Shoulder Arthroscopy Cadaver Lab

Moderator: Don JOHNSON (CANADA)

Instructors: Gabriel RIFFEL (BRAZIL), Emilie SANDMAN (CANADA), Leonardo DAU (BRAZIL), Nuri AYDIN (TURKEY)

See page 26 for course details.

Hand | 11 October | Room 521a+b+c

08:00 - 10:00

Free Paper Session – Hand (I)

Moderators: Marko BUMBASIREVIC (SERBIA), Amr ALY (EGYPT)

08:00 KEYNOTE LECTURE: Ilizarov treatment of scaphoid nonunion
Marko BUMBASIREVIC (SERBIA)

08:15 Subspecialty hand virtual fracture clinics: report after three years of operation
Daniel BURCHETTE, Shreya BADHRINARAYANAN, Penny STUART, Lisa LEONARD (UNITED KINGDOM)

08:23 Osteoid osteoma in the hand: case report and review of literature
Amirreza FARHOUD, Mahmoud FARZAN, Javad DEHGHANI FIROOZABADI, Ahmad Reza BEHROUZI, Arash ARFA, S.M. Javad MORTAZAVI (IRAN)

08:31 Radial plate fixation of distal radius fracture
Eric POTTER, Chris GERZINA, Sherif DABASH, Isaac FERNANDEZ, Ahmed THABET, Miguel CRUZ, Amr ABDELGAWAD (UNITED STATES)

08:39 Physeal bar resection under guidance with a navigation system and endoscopy for correction of distal radial deformities after growth plate arrest
Yoshinori TAKEMURA, Kosei ANDO, Narihito KODAMA, Taku KAWASAKI, Shinji IMAI (JAPAN)

08:47 Treatment of scaphoid nonunions with iliac bone autograft and headless compression screw
Gerhild THALHAMMER, Michaela PROELL, Thomas HAIDER, Irena KRUSCHE-MANDL, Jochen ERHART (AUSTRIA)

08:55 Combined direct revascularisation and radial shortening versus radial shortening alone in Kienbock's disease stage II and IIIA with negative ulnar variance
Elsayed SAID, Ahmed ADDOSOOKI, Hamdi TAMMAM (EGYPT)

09:03 Ultrasonography in the diagnosis of bone tumours of the hand
Evgenij VARGANOV, Natalia SITUNOVA, Alexander TILBA (RUSSIA)

09:11 Evaluation of the results of ulnar lengthening for correction of forearm deformities in multiple exostosis (diaphyseal aclasis)
Md. Mofakhkharul BARI (BANGLADESH)

09:19 Thumb disability examination as reliable tool for basal joint arthritis
Henrik BAECKER, Christina FREIBOTT, Samuel GALLE, Melvin ROSENWASSER (UNITED STATES)

09:27 Trapeziectomy associated with interposition and suspension tendinoplasty using the hemi abductor pollicis longus tendon in osteoarthritis of the carpometacarpal joint
Yousria AKLOUL, Amel DJERBAL, Samir TEBANI, Nazim SIFI (ALGERIA)

09:35 A systematic review and meta-analysis of techniques implemented in thumb metacarpophalangeal joint arthrodesis
Gemma GREEN, Hiba KHAN, Nicholas LITTLE, Najab ELLAHEE (UNITED KINGDOM)

09:43 Clinical and MRI evaluation of Kienböck's disease treated by 'camembert' radial osteotomy with seven years follow-up
Emmanuel CAMUS[1], Luc VAN OVERSTRAETEN[2]
[1](FRANCE), [2](BELGIUM)

09:51 Surgical treatment of finger proximal interphalangeal joint fracture-dislocation with dynamic external fixation
Hiroaki UEBA, Yoshinori TAKEMURA, Narihito KODAMA, Masashi IZUMI, Masahiko IKEUCHI (JAPAN)

10:30 - 12:00

SICOT Instructional Symposium – Minimally Invasive Hand and Wrist Surgery (1) & War and Terror Attack Injuries to the Hand

Moderators: Frederic SCHUIND (BELGIUM), Sylvain GAGNON (CANADA)

10:30 Endoscopic nerve release
Josephine YIP (HONG KONG)

10:45 Sonography-guided hand surgery
Fabian MOUNGONDO (BELGIUM)

11:00 Open versus arthroscopic versus percutaneous tennis elbow release
Amr ALY (EGYPT)

11:15 Discussion
All

11:30 Treatment of upper limb nerve injuries following gun shots or blast injuries
Sorin Daniel IORDACHE (ISRAEL)

11:42 Treatment of blast injuries of the hand
Marko BUMBASIREVIC (SERBIA)

11:54: Discussion
All

14:00 - 15:30

SICOT Instructional Symposium – Minimally Invasive Hand and Wrist Surgery (2)

Moderators: Josephine YIP (HONG KONG), Sylvain GAGNON (CANADA)

14:00 Minimally invasive treatment of distal radius fractures
Frederic SCHUIND (BELGIUM)

14:15 Arthroscopic assistance in distal radius fractures
Ferdinando Da Rin De LORENZO (ITALY)

14:30 Discussion
All

14:35 Management of missed peri-lunate dislocations by wrist jack up and lowering technique
Anil DHAL (INDIA)

14:50 Discussion
All

14:55 Arthroscopic versus open repair of TFCC and SL lesions
Margaret FOK (HONG KONG)

15:10 Arthroscopic treatment of trapezio-metacarpal osteo-arthrosis
Ferdinando Da Rin De LORENZO (ITALY)

15:25 Discussion
All

16:00 - 17:30

Free Paper Session – Hand (II)

Moderators: Fabian MOUNGONDO (BELGIUM), Anil DHAL (INDIA)

16:00 Measuring symptom severity in carpal tunnel syndrome: score equivalence between the Boston Symptom Severity Scale and the Six-Item CTS Symptoms Scale
Isam ATROSHI, Kamelia TADJERBASHI (SWEDEN)

16:08 Carpal tunnel syndrome: complications of surgical treatment
Evgenij VARGANOV, Mariam VARGANOVA (RUSSIA)

16:16 Functional evaluation of early nerve decompression in Hansen's disease
Anil DHAL, Yasim KHAN (INDIA)

16:24 Zancolli lasso tendon transfer for ulnar claw hand: analysis of 12 cases
Kamel ACHOUR, Abdelhalim OULD ROUIS, Amine TOUHAMI, Mourad OUBIRA, Amir SERRI, Mourad HAMIDANI (ALGERIA)

16:32 A new finger-preserving procedure as an alternative to amputation in recurrent severe Dupuytren's contracture of the small finger
Isam ATROSHI, Ase EIRIKSDOTTIR (SWEDEN)

16:40 Upper extremity free flap transfers: an analysis of the National Surgical Quality Improvement Program Database
Frank CAUTELA, George BEYER, Jared NEWMAN, Neil SHAH, Suhail MITHANI, Steven KOEHLER (UNITED STATES)

16:48 Thumb amputations treated with osseointegrated percutaneous prostheses with up to 25 years follow-up
Yan LI[1], Rickard BRÅNEMARK[2]
[1](SWEDEN), [2](UNITED STATES)

16:56 The treatment of a distal digital glomus tumour through the margin of nail bed incision
Wang PEIJI (CHINA)

17:04 Outcomes of coronal split Hamate fractures treated with open reduction and internal fixation with a locking plate
Gautam REDDY, Riza MOHAMMED, Ravindra BADGE, Nasir SHAH (UNITED KINGDOM)

Foot and Ankle | 11 October | Room 522a+b+c

08:00 - 10:00

Free Paper Session – Foot and Ankle (I)

Moderators: Mandeep DHILLON (INDIA), Krishna VEMULAPALLI (UNITED KINGDOM)

08:00 KEYNOTE LECTURE: Talus fractures: complications and salvage
Mandeep DHILLON (INDIA)

08:15 The outcome of surgical treatment of tarsal tunnel syndrome
António ANDRADE, Diana Patricia PEDROSA, Susana PINTO, Carolina TIAGO AFONSO, Miguel PINTO FREITAS, Nuno PAIS, Natália BARBOSA, António Afonso RUANO (PORTUGAL)

08:23 Total ankle replacement: a retrospective review in a low volume centre
António ANDRADE, Diana Patricia PEDROSA, Raul CERQUEIRA, Susana PINTO, Carolina TIAGO AFONSO, Miguel PINTO FREITAS, Nuno PAIS, António Afonso RUANO (PORTUGAL)

08:31 Bilateral calcaneus fracture: a prospective study comparing operative versus nonoperative management
Ankit KHURANA, Mandeep DHILLON, Rakesh JOHN, Sharad PRABHAKAR, Lokesh CHAWLA (INDIA)

08:39 Improvised explosive device bombing a police bus: pattern of injuries, pathophysiology and early management
Muhammad Saeed MINHAS (PAKISTAN)

08:47 Surgical treatment for Müller-Weiss disease
Mingzhu ZHANG, Guangrong YU (CHINA)

08:55 Primary arthrodesis compared with open reduction and internal fixation for Lisfranc injuries with the first tarsometatarsal joint dislocation: a multicentre study
Mingzhu ZHANG, Guangrong YU (CHINA)

09:03 Is the foot loading pattern restored after total knee arthroplasty in deformed knees?: pedobarographic analysis of 121 varus knees
Bhaskara Kanakeshwar RAJA, P. DHANASEKARA RAJA, Rajasekaran SHANMUGANATHAN (INDIA)

09:11 Osteochondral autograft and allograft for osteochondral lesions of the talus: results from an international consensus meeting
Younger ALASTAIR[1], INTERNATIONAL CONSENSUS GROUP[2]
[1](CANADA), [2](UNITED STATES)

09:19 New option for the treatment for avascular necrosis of the talus
Narihito KODAMA, Taku KAWASAKI, Yoshinori TAKEMURA, Kojiro MOTOHARA (JAPAN)

09:27 Surgery in symptomatic hallux valgus: does the severity of deformity affect clinical outcomes?
Gin Way LAW, Jeremy Wei Sern LIM, Kae Sian TAY, Jing Kun LEE, Karen Ting ZHANG, Chusheng SENG, Nicholas Eng Meng YEO, Kevin Oon Thien KOO, Keen Wai CHONG, Inderjeet Rikhraj SINGH (SINGAPORE)

09:35 Staple fixation for management of Lisfranc injuries: results from a major trauma centre
Dip CHAKRABARTI, Islam SARHAN, Mate ZABAGLO, Sabri BLEIBLEH, Shaik YOUSUFUDDIN, Seyed Ashgar ALI (UNITED KINGDOM)

09:43 Mini open reduction and transarticular Kirschner wires fixation for treatment of calcaneal fractures
Mohamed Abdelhamid AKAR (EGYPT)

10:30 - 12:00

SICOT Instructional Symposium – Debate: Hallux Valgus and Talar Osteochondral Lesions

Moderator: Gowreeson THEVENDRAN (SINGAPORE)

10:30 Opening remarks
Gowreeson THEVENDRAN (SINGAPORE)

10:35 Current concepts review - hallux valgus
Kevin WING (CANADA)

10:42 Debate: I am a fan of the lapidus
Inderjeet SINGH (SINGAPORE)

10:49 Debate: I am a fan of the scarf osteotomy
Rupinderbir Singh DEOL (UNITED KINGDOM)

10:56 Debate: I am a fan of MIS bunion surgery
Alastair YOUNGER (CANADA)

11:03 Clinical case discussions
Kevin WING (CANADA)

11:15 Current concepts review - talar osteochondral lesions
Alastair YOUNGER (CANADA)

11:22 Debate: I am a fan of microfracture and debridement
Moez BALLAL (UNITED KINGDOM)

11:29 Debate: I am a fan of the OATS
Kalpesh SHAH (UNITED KINGDOM)

11:36 Debate: I am a fan of AMIC/biologic resurfacing
Eric GIZA (UNITED STATES)

11:43 Clinical case discussions
Alastair YOUNGER (CANADA)

14:00 - 15:30

SICOT Instructional Symposium – Debate: End-Stage Ankle Arthritis and Calcaneal Fractures

Moderator: Gowreeson THEVENDRAN (SINGAPORE)

14:00 Current concepts review - end-stage ankle arthritis
Timothy DANIELS (CANADA)

14:07 I am a fan of ankle fusions
Eric GIZA (UNITED STATES)

14:14 I am a fan of osteotomies
Arvind PURI (AUSTRALIA)

14:21 I am a fan of total ankle replacements
Kevin WING (CANADA)

14:28 Clinical case discussions
Timothy DANIELS (CANADA)

14:45 Current concepts review - calcaneal fractures
Mandeep DHILLON (INDIA)

14:52 I am a fan of the mini-incision technique
Kaan IRGIT (TURKEY)

14:59 I am a fan of the open lateral extensile approach
Stephane LEDUC (CANADA)

15:06 I am a fan of conservative management/fusion
Chua Yeok PIN (MALAYSIA)

15:13 Clinical case discussions
Mandeep DHILLON (INDIA)

16:00 - 17:30

Free Paper Session – Foot and Ankle (II)

Moderators: Gowreeson THEVENDRAN (SINGAPORE), Arvind PURI (AUSTRALIA)

16:00 Supramalleolar osteotomy for ankle arthritis: our experience from a major referral centre
Dip CHAKRABARTI, Sabri BLEIBLEH, Seyed Ashgar ALI (UNITED KINGDOM)

16:08 Percutaneous ultrasound-guided Achilles suture: an economic technique
Sergio GARCIA GRANJA, Guillermo MENENDEZ SOLANA, Monica RUBIO LORENZO, Monica FERNANDEZ ALVAREZ, Belen GONZALEZ MAZA (SPAIN)

16:16 Prospective multicentre comparison of the effect of deformity and hindfoot arthritis on the outcomes of ankle replacement and fusion at mid-term in 1009 cases
Younger ALASTAIR, Murray PENNER, Kevin WING, Mark GLAZEBROOK, Andrea VELJKOVIC, Timothy DANIELS (CANADA)

16:24 Effect of sustentaculum tali screw placement on outcomes of calcaneal fractures
Matsuzawa GAKU, Sasajima KOICHI, Aizawa TOSHITAKE (JAPAN)

16:32 Extended distal chevron osteotomy: stable and accurate correction of the angulation and rotational profile
Chan KANG, Deuk-Soo HWANG, Gi-Soo LEE, Jung-Mo HWANG, Dong-Hun KANG, Jae-Hwang SONG, Dongyeol KIM, Jung-Kil LEE, Gangwon SEO, Sung-Jin HWANG, Yong-Hwan KIM, Kijun AHN (SOUTH KOREA)

16:40 Comparison between absorbable and nonabsorbable suture material in modified Broström operation
Chan KANG, Deuk-Soo HWANG, Jung-Mo HWANG, Gi-Soo LEE, Jae-Hwang SONG, Dong-Hun KANG, Dongyeol KIM, Jung-Kil LEE, Gangwon SEO, Kijun AHN (SOUTH KOREA)

16:48 Autologous matrix-induced chondrogenesis in treatment of patients with hallux rigidus
Maxim NURMUKHAMETOV, Maxim MAKAROV, Sergey MAKAROV, Evgeny BIALIK, Yaroslav KHRENNIKOV, Valery BIALIK, Vadim NESTERENKO (RUSSIA)

16:56 Early functional outcome following surgical reconstruction in patients with a delayed presentation of turf toe injury
Mohammed ELSAYED, Amit CHAUHAN, Prasad KARPE, Rajiv LIMAYE, P.P.J RAJU (UNITED KINGDOM)

17:04 Pedographic analysis of foot pressure patterns following operative management of ankle fractures and its functional implications
Jayasankar VISWANATH, Perur JAYASANKAR, Ramalingam VIGNESH (INDIA)

9th International Clubfoot Congress / Paediatrics | 11 October | Room 524a

08:00 - 10:00

Partner Society Symposium — 9th International Clubfoot Congress (I)

Moderators: Jose MORCUENDE (UNITED STATES), Noppachart LIMPAPHAYOM (THAILAND)

08:00 Can syndromic clubfoot be treated?
Alok Chandra AGRAWAL, Harshal SAKALE (INDIA)

08:08 Has the introduction of the Ponseti method influenced the type of clubfoot procedures performed in the United States?
Jose MORCUENDE, Brandon WILKINSON, Natalie GLASS, Thomas COOK (UNITED STATES)

08:16 Systematic review and meta-analysis of clubfoot studies: direction in the last 30 years
Yasser ELBATRAWY, Mohammed Mahmoud Abdel-Shafy KHALIL (EGYPT)

08:24 Recurrent clubfoot after Ponseti treatment can be managed with minimally invasive surgery: a mean seven-year follow-up
Karim MASROUHA, Kim SCHOENFELD, Debra SALA, Jody LITRENTA, Wallace LEHMAN, Alice CHU (UNITED STATES)

08:32 Clubfeet: the cause of neglect in Pakistan
Sajjad AHMAD (PAKISTAN)

08:40 Multi-continent study of neglected clubfoot: are there limitations to the Ponseti method?
Matthew DOBBS (UNITED STATES)

08:48 Outcomes and risk-factor analysis of the Ponseti method in a low-resource setting
Rameez QUDSI[1], Faith SELZER[1], Stephen HILL[1], Ariel LERNER[1], Jean Wildric HIPPOLYTE[2], Eldine JACQUES[2], Francel ALEXIS[2], Collin MAY[1], Robert CADY[1], Elena LOSINA[1]
[1](UNITED STATES), [2](HAITI)

08:56 Implementing a novel mobile app and SMS application for clubfoot care in low resource countries
John Norgrove PENNY[1], Noé RAJERISON[2], Christie PETTITT-SCHIEBER[2], Stephanie ZIMMERMAN[2], Marieke DREISE[2], Jen EVERHART[2]
[1](CANADA), [2](UNITED STATES)

09:04 The development and validation of a delayed presenting clubfoot score to predict the response to Ponseti casting for children aged two to ten years
Tewodros Tilahun ZERFU, Timothy NUNN, Richard GARDNER, Mesfin Etsub KASSAHUN (ETHIOPIA)

09:12 Linkage analysis in a national series of patients affected by non-syndromic severe clubfoot
Daniela DIBELLO, Valentina DI CARLO, Flavio FALETRA, Pio D'ADAMO, Maurizio DE PELLEGRIN, Costantina RACANO, Sergio MONFORTE, Ignazio D'ADDETTA (ITALY)

09:20 Proteomic comparison of medial and lateral tissue of clubfoot deformity
Adam ECKHARDT, Tomas NOVOTNY, Lucie KULHAVA, Martin OSTADAL (CZECH REPUBLIC)

09:28 Role of the Ponseti technique for the management of congenital talipes equino varus: our analysis of 402 feet
Ashutosh MOHAPATRA (INDIA)

09:36 The validity of PROMIS parent proxy instruments to assess function in children with talipes equinovarus
Alice CHU, Karim MASROUHA, Debra SALA, Jody LITRENTA, Wallace LEHMAN (UNITED STATES)

10:30 - 12:00

Partner Society Symposium – 9th International Clubfoot Congress (II)

Moderators: Tatiana GUERSCHMAN (BRAZIL), John Norgrove PENNY (UNITED STATES)

10:30 Effect of double osteotomy with opening wedge cuneiform and closing wedge cuboid on foot morphology in z-shaped foot, complicated operated clubfoot and residual clubfoot
Hassan NAJDI, Hussein FARHAT, Khairallah AMHAZ, Suha KARNIB, Roger JAWISH (LEBANON)

10:38 Sustainable clubfoot programmes: a model of physician-driven health system strengthening
Jose MORCUENDE, Thomas COOK (UNITED STATES)

10:46 300 idiopathic clubfeet evaluated on the first day of life
Nikolay RUMYANTSEV, Igor KRUGLOV, Natalia RUMIANTCEVA, Gamzat OMAROV (RUSSIA)

10:54 New histological findings in clubfoot deformity tissue
Tomas NOVOTNY, Martin OSTADAL, Adam ECKHARDT (CZECH REPUBLIC)

11:02 Ankle dorsiflexion in children with idiopathic clubfoot managed using the Ponseti method
Caroline TOUGAS, Mohammad NAZIF, Sophia SANGIORGIO, Edward EBRAMZADEH, Rebecca MORGAN, Lewis ZIONTS (UNITED STATES)

11:10 The Ponseti method after walking age: a systematic review and meta-analysis
Gabriel FERREIRA, Kelly STEFANI, Monica NOGUEIRA (BRAZIL)

11:18 Developmental dysplasia of the hip and clubfoot treated by Pavlik and Ponseti methods
L. Reid NICHOLS, Geovanny OLEAS-SANTILLÁN, Rogers KENNETH, Bowen RICHARD (UNITED STATES)

11:26 Comparison of the short-term and long-term results of the Ponseti method in the treatment of clubfoot
Ostadal MARTIN, Pavel DUNGL, Jiri CHOMIAK (CZECH REPUBLIC)

11:34 Mid-term outcomes of treatment of idiopathic congenital talipes equinovarus using the Ponseti technique in Mulago Hospital, Uganda, 2014
Raymond Joseph MALINGA[1], Shafique PIRANI[2], Geoffrey MADEWO[1], Norbert ORWOTHO[1], Betty LANYERO[1]
[1](UGANDA), [2](CANADA)

11:42 Achilles tenotomy in idiopathic clubfoot: less recurrence of the clubfoot deformity at a mean follow-up of five years
Panagiotis (Peter) GLAVAS, Anne-Laure MÉNARD, Ahmad ABOUZEID, Marie-Lyne NAULT, Guy GRIMARD (CANADA)

11:50 Ilizarov method in clubfoot treatment of children of young school age
Andrey NERETIN, Gennady IVANOV, Sergey LEONCHUK (RUSSIA)

14:00 - 15:30

Partner Society Symposium – 9th International Clubfoot Congress (III)

Moderators: Alice CHU (UNITED STATES), Matthew DOBBS (UNITED STATES)

14:00 The effect of Minoxidil on primary fibroblast-like cells derived from pes equinovarus tissue
Jarmila KNITLOVA, Martin PLENCNER, Martina DOUBKOVA (CZECH REPUBLIC)

14:08 The predictive value of the Pirani scoring system
Chukwuemeka ANISI, Joseph ASUQUO, Innocent ABANG, Best ASUQUO (NIGERIA)

14:16 High incidence of foot abduction brace non-compliance in idiopathic clubfoot: how the Asian squat might help
Noppachart LIMPAPHAYOM, Pipattra SAILOHIT (THAILAND)

14:24 Treatment outcomes of patients with idiopathic clubfoot and arthrogryposis after serial casting using the Ponseti method
Carlo Emmanuel SUMPAICO, Mella PIERRE (PHILIPPINES)

14:32 Assessment of Ponseti-treated patients with idiopathic clubfoot using the PROMIS instrument
Joel LERMAN, Nancy ABARCA, Nina CUNG, Ahsan KHAN (UNITED STATES)

14:40 Timing for Ponseti clubfoot management: does the age matter?
Li ZHAO, Yubin LIU, Dahang ZHAO (CHINA)

14:48 Efficacy of accelerated Ponseti technique in the management of idiopathic clubfoot
Raghu Veer Chander ALLURI (INDIA)

14:56 Comparison of efficacy of traditional and accelerated Ponseti in the management of clubfoot
Riaz AHMED, Junaid KHAN, Rahman Rasool AKHTAR (PAKISTAN)

15:04 Factors related to the recurrence of idiopathic clubfoot after Ponseti treatment
Viachaslau BRADKO, David LIU, Mohit JAIN, Jaclyn HILL, Howard EPPS (UNITED STATES)

15:12 Rates of Achilles tenotomy under local or general anaesthesia in clubfoot patients
Steven FRICK (UNITED STATES)

15:20 Africa clubfoot training: results and analysis of feasibility and acceptability
Stephen John MANNION (UNITED KINGDOM)

16:00 - 17:30

Free Paper Session – Paediatrics (I)

Moderators: Evelyn KUONG (HONG KONG), Marek SYNDER (POLAND)

16:00 Radiographic analysis of surgically treated flatfoot deformity in children with cerebral palsy
Alicia KERRIGAN, Waleed KISHTA, Megan CASHIN, Debra BARTLEY, Timothy CAREY, Kamary CORIOLANO DASILVA (CANADA)

16:08 Formation of deformities of femoral head after avascular necrosis in children
Aleh SAKALOUSKI, Aleksandr BELETSKI, Aleksandr SITNIK (BELARUS)

16:16 Philosophy of arthrodiastasis in treatment of Perthes' disease
Osman Abd Ellah MOHAMED (EGYPT)

16:24 Development of a standardised classification system for the diagnosis of developmental dysplasia of the hip
Emily SCHAEFFER[1], Wudbhav SANKAR[2], INTERNATIONAL HIP DYSPLASIA STUDY GROUP[2], Kishore MULPURI[1] [1](CANADA), [2](UNITED STATES)

16:32 Triple osteotomy of the pelvis in children under six years with single approach: prevention of retroversion and anterior impingement
Hassan NAJDI, Khairallah AMHAZ, Hussein FARHAT, Suha KARNIB, Roger JAWISH (LEBANON)

16:40 Clinical-radiological correlation and functional outcome in children with developmental dysplasia of the hip
Nirmal Raj GOPINATHAN, Kuldeep Chand VATSYAN, Sudesh PEBAM, Anindita SINHA, Aman HOODA (INDIA)

16:48 Research on the evaluation of the outcomes of pelvic and proximal femoral osteotomies for treatment of Perthes disease using a 3D model
Ziming ZHANG, Hao LI, Hai LI, Xuan YANG (CHINA)

16:56 The '8 plate' in appendicular deformity corrections around the knee in skeletally immature patients
Swapnil KENY (INDIA)

17:04 Surgical treatment of proximal femur fractures in children
Daria PAVLOVA (RUSSIA)

17:12 The clinical experiences of MRI application in DDH closed reduction
Xinhong PEI, Peng HUANG (CHINA)

Ballistic Injuries | 11 October | Room 524b

14:00 - 15:30

SICOT Instructional Symposium – Sequential Treatment of Ballistic Injuries of the Limb and Infection

Moderators: Maurice HINSENKAMP (BELGIUM), Patrick HÉRARD (FRANCE)

14:00 Evolution of decision-making process for sequential treatment of bone gaps in the war wounded - an algorithm after ten years' experience of MSF in the Middle East
Patrick HÉRARD, Ali AL ANI, François BOILLOT, Rasheed FAKHRI (FRANCE)

14:15 Specificities of sequential treatment in battlefield extremity injuries - current practice of the French military health service
Sylvain RIGAL, Antoine GROSSET, Georges PFISTER, Laurent MATHIEU (FRANCE)

14:30 Six years of experience of external fixation in Tabarre (Haiti), MSF hospital - what did work and what did not in an austere-urban environment
Hans-Christoph PAPE, Engy ALI, Miguel TRELLES, Lynette DOMINGUEZ, Kenslor R.D. HYACINTHE, W. MONDELY, Sophia CHERESTAL, Rafael V.D. BERGH, S. GIRMENIA, Innocent NYARUHIRIRA (SWITZERLAND)

14:45 Terror and disaster surgical care - a new course concept for terror preparedness in Europe
Miguel TRELLES, Hans-Christoph PAPE (BELGIUM)

15:00 Setting a global standard with the limb surgery project
Harald VEEN, Patrick HÉRARD (SWITZERLAND)

15:15 Discussion
All

Tumours / COAGS / YSC | 11 October | Room 524c

08:00 - 10:00

Free Paper Session – Tumours

Moderators: Rodolfo CAPANNA (ITALY), Pietro RUGGIERI (ITALY)

08:00 KEYNOTE LECTURE: Infections in cancer
Rodolfo CAPANNA (ITALY)

08:15 Biochemical variables are predictive for patient survival after surgery for skeletal metastasis: a prediction model development and external validation study
Michala Skovlund SØRENSEN[1], Elizabeth C. SILVIUS[2], Saniya KHULLAR[2], Klaus HINDSØ[1], Jonathan A. FORSBERG[2], Michael M. PETERSEN[1]
[1](DENMARK), [2](UNITED STATES)

08:23 Surgery delay does not increase the perioperative mortality for patients treated for metastatic bone disease: no need for rush into surgery
Michala Skovlund SØRENSEN, Klaus HINDSØ, Michael Mørk PETERSEN (DENMARK)

08:31 A phase I trial on the use of photodynamic therapy in vertebral metastases
Zakariya ALI[1], Carl FISHER[2], Arjun SAHGAL[2], Elizabeth DAVID[2], Edward CHOW[2], Cari WHYNE[2], Shane BURCH[2], Brian WILSON[2], Albert YEE[2]
[1](IRELAND), [2](CANADA)

08:39 Clinical analysis of zoledronic acid and ibandronate in the treatment of metastatic bone disease
Duan HONG (CHINA)

08:47 Bone metastases from renal cell carcinoma
Mouadh NEFISS, Anis TEBOURBI, Aymen BEN MAATOUG, Khelil EZZOUIA, Ramzi BOUZIDI (TUNISIA)

08:55 Conservative surgery in pathological fracture bone sarcoma
Reda HARRAR, Kamel ACHOUR, Rachid BELLAHSENE, Mourad HAMIDANI, Chafiza GRARADJ (ALGERIA)

09:03 Mirel score in pathological fracture due to metastasis is helpful only for upper femur region
Vijay Kumar KHARIWAL, Sadhna GARG (INDIA)

09:11 Functional outcomes of arthrodesis of the knee after tumour resection using bone cement without bone grafts: mid-term results
Ashish Kumar RAGASE, Shah Alam KHAN, Venkatesan Sampath KUMAR (INDIA)

09:19 Myofibroblastic sarcoma of bone: clinical outcome highlights the challenges of diagnosis and treatment
Fan TANG, Chongqi TU (CHINA)

09:27 Aggressive giant cell tumour of the distal femur: two methods of reconstruction
Dariush GOURAN SAVADKOOHI, Ehsan PENDAR (IRAN)

09:35 Upper cervical leiomyoma in an adolescent male
Rohan GALA, Sanjay DHAR (INDIA)

09:43 Organ-saving surgery in cases of metastatic disease of long bones
Volodymyr PROTSENKO, Volodymyr CHORNEYI, Eugene TUZ (UKRAINE)

10:30 - 12:00

SICOT Instructional Symposium – New Technologies for Reconstruction in Musculoskeletal Oncology

Moderators: Pietro RUGGIERI (ITALY), John DORMANS (UNITED STATES)

10:30 Navigation in musculoskeletal oncology
Douglas LETSON (UNITED STATES)

10:45 3D printed reconstruction prostheses
Pietro RUGGIERI (ITALY), Andrea ANGELINI (ITALY)

11:00 Sarcomas at the ankle joint - new reconstruction techniques versus amputation
Andreas LEITHNER (AUSTRIA)

11:15 The collaboration between designers - engineer and surgeon
Peter SCHEINEMANN (GERMANY)

11:30 Design evolution of uncemented tumour endoprostheses
Peter FERGUSON (CANADA)

11:45 Discussion
All

14:00 - 15:30

COAGS

Partner Society Symposium – COAGS - Orthopaedic Surgery in Austere Environments: The Canadian Response

Moderators: John DORMANS (UNITED STATES), James WADDELL (CANADA)

14:00 Introduction
John DORMANS (UNITED STATES)

14:05 Welcome from the Canadian Orthopaedic Association
James WADDELL (CANADA)

14:10 The COA-GS Committee overview
Andrew FUREY (CANADA)

14:15 Global Academic Partnerships
Andrew FUREY (CANADA)

14:25 Discussion
All

14:35 The road traffic epidemic - the INORMUS project
Mohit BHANDARI (CANADA)

14:45 Discussion
All

14:55 Orthopaedic surgery after a natural disaster - Team Broken Earth
Andrew FUREY (CANADA)

15:05 Discussion
All

15:15 Making global surgery an academic discipline
John Norgrove PENNY (CANADA)

15:25 Discussion
All

16:00 - 17:30

SICOT Instructional Symposium – Young Surgeons Committee - Difficult Case Discussions in Hip Arthroplasty

Moderators: Jacques CATON (FRANCE), James POWELL (CANADA)

Faculty of experts
Amar RANAWAT (UNITED STATES), Satish KUTTY (UNITED KINGDOM), Michael TANZER (CANADA), Etienne BELZILE (CANADA), Andre FERREIRA (FRANCE), Donald GARBUZ (CANADA)

16:00 Case 1
Mohamed SUKEIK (UNITED KINGDOM)

16:07 Case 2
Fatih KUCUKDURMAZ (TURKEY)

16:14 Case 3
Alexander MCLAWHORN (UNITED STATES)

16:21 Case 4
Alexander MCLAWHORN (UNITED STATES)

16:28 Case 5
Temiloluwa OLUFEMI (NIGERIA)

16:35 Case 6
Temiloluwa OLUFEMI (NIGERIA)

16:42 Case 7
Gandhi SOLAYAR (MALAYSIA)

16:49 Case 8
Gandhi SOLAYAR (MALAYSIA)

16:56 Case 9
Karadi H. SUNIL KUMAR (UNITED KINGDOM)

17:03 Case 10
Karadi H. SUNIL KUMAR (UNITED KINGDOM)

17:10 Case 11
Tunay ERDEN (TURKEY)

17:17 Case 12
Tunay ERDEN (TURKEY)

17:24 Final remarks
Jacques CATON (FRANCE)

Miscellaneous | 11 October | Room 525a

08:00 - 10:00

Free Paper Session – Research (I)

Moderators: Srinath KAMINENI (UNITED STATES), Matsumoto TOMOYUKI (JAPAN)

08:00 KEYNOTE LECTURE: Shoulder arthritis and treatment options
Srinath KAMINENI (UNITED STATES)

08:15 3D finite elements study of stresses in the wrist and effect of different osteotomies used in Kienböck's disease
Emmanuel CAMUS[1], Anna AIMAR[2], Luc VAN OVERSTRAETEN[2], Frédéric SCHUIND[2], Bernardo INNOCENTI[2]
[1](FRANCE), [2](BELGIUM)

08:23 Serum bone specific alkaline phosphatase levels following intramedullary fixation of tibial shaft fractures
Sudhir KUMAR, Divyanshu DWIVEDI (INDIA)

08:31 The effect of pedunculated synovial graft for the treatment of osteonecrosis of the distal femur: a histological and immunohistochemical analysis in a rabbit model
Engin BAYLAR, Orcun SAHIN, Bahtiyar HABERAL, Ekin Kaya SIMSEK, Ismail Cengiz TUNCAY, Ates MAHMUTI, Ilhami KURU (TURKEY)

08:39 Role of pax-7 as a tissue marker in a mangled extremity: a pilot study
Rohit KANSAL, Mandeep Singh DHILLON, Kim VAIPHEI, Rajender Kumar KANOJIA, Vishal KUMAR (INDIA)

08:47 The effect of bone marrow-derived progenitor cell therapy to improve fracture healing in a diabetic rat critical size defect model
Charles GODBOUT, Hilary GORTLER, Emil SCHEMITSCH, Aaron NAUTH (CANADA)

08:55 Innervation of nociceptors in intact human menisci along the longitudinal axis: semi-quantitative histological evaluation and clinical implications
Yipeng LIN, Qi LI, Jian LI (CHINA)

09:03 Levels of interleukin-6 after femur nailing: regular reamers versus reamer-irrigator-aspirator - a triple-blinded prospective randomised controlled trial
Shantharam SHETTY, Pai SHAILESH, Kotekar MOHAMED FAHEEM, K. YOGESH (INDIA)

09:11 PPG-KGN biphasic nano-drug release system pretreated BMSCs enhance osteochondral regeneration in minipigs
Wei-Nan ZENG, Fu-You WANG, Liu YANG (CHINA)

09:19 Ria diameter influences femoral bone strength, fracture geometry and amount of harvested bone graft
Boyko GUEORGUIEV[1], Nina SCHMITZ[2], Dominic GEHWEILER[1], Dirk WÄHNERT[2], Ivan ZDERIC[1], Leonard GRÜNWALD[2], Geoff RICHARDS[1], Michael RASCHKE[2]
[1](SWITZERLAND), [2](GERMANY)

09:27 Effects of Batroxobin on the survival of random skin flaps in rats
Dingsheng LIN, Miaojie FANG (CHINA)

09:35 Placebo-controlled prospective study to assess the efficacy of autologous platelet-rich plasma injection in bilateral early osteoarthritis of the knees
Rakesh SHARMA (INDIA)

09:43 The impact of shoulder position on arterial flow through the upper extremity
Jorge GUERRA, Isaac FERNANDEZ, Eric POTTER, Christina ALVARA, Heather BALSIGER, Thomas GEST, William WEISS (UNITED STATES)

10:30 - 12:00

SICOT Instructional Symposium – Research and Innovation

Moderator: Hamish SIMPSON (UNITED KINGDOM)

10:30 Anterior cruciate ligament repair
Steven ABELOW (UNITED STATES)

10:42 3D bioprinting and its potential in the field of articular cartilage regeneration
Daniel GRANDE (UNITED STATES)

10:54 3D printing of the meniscus
William RODKEY (UNITED STATES)

11:06 Discussion
Steven ABELOW (UNITED STATES), Daniel GRANDE (UNITED STATES), William RODKEY (UNITED STATES)

11:15 Research questions that registries are good at answering
Vikas KHANDUJA (UNITED KINGDOM)

11:27 Recruitment versus trial design in pragmatic and explanatory studies
Hamish SIMPSON (UNITED KINGDOM)

11:39 Discussion
Vikas KHANDUJA (UNITED KINGDOM), Hamish SIMPSON (UNITED KINGDOM)

14:00 - 15:30

SICOT Instructional Symposium – Orthopaedic Microsurgery in China

Moderators: Marko BUMBASIREVIC (SERBIA), Liqiang GU (CHINA)

14:00 Modified Gustilo-Anderson classification for open fracture
Liqiang GU (CHINA)

14:08 Management of blunt artery injury in the extremity based on a new classification system
Qingtang ZHU (CHINA)

14:16 Damage control extremity surgery: evaluation and emergency management of the mangled extremity
Canbin ZHENG (CHINA)

14:24 The applied research of diagnosis for unilateral peripheral nerve entrapment of upper limb by both-sides contrast in multiple plane and accurate location scan using high-frequency ultrasound
Xueyuan LI (CHINA)

14:32 A great toe nail bed flap based on the fibro-dorsal artery for finger nail reconstruction
Mingbo LIU (CHINA)

14:40 Microsurgical reconstruction of bone defects after osteomyelitis
Linjun TANG (CHINA)

14:48 Can accompanying vessels of cutaneous nerve be used for free innervated flap transfer?
Chunyang WANG (CHINA)

14:56 The clinical application of conjoined anterolateral thigh perforator flap
Panfeng WU (CHINA)

15:04 Using 123-cm overlength combined flaps to repair the lower extremity complex wounds
Xiaodong YANG (CHINA)

15:12 Analysis of human acellular nerve allograft combined with contralateral cervical seven nerve root transfer for restoration of shoulder abduction and elbow flexion in brachial plexus injury
Jiantao YANG (CHINA)

15:20 Discussion
All

16:00 - 17:30

Free Paper Session – Research (II)

Moderators: Hitesh GOPALAN (INDIA), Hamish SIMPSON (UNITED KINGDOM)

16:00 Microhardness and Ca/P ratio of trabecular bone augmented with porous titanium implants using micro-indentation system and energy-dispersive X-ray spectroscopy
Mikhail GILEV, Stepan STEPANOV, Sergey BELIKOV, Elena VOLOKITINA, Fedor ZVEREV, Maksim KARABANALOV, Inna NASCHETNIKOVA, Jury LOGINOV, Jury ANTONIADI (RUSSIA)

16:08 Analysis and characterisation of fracture patterns through a novel 'column specific fracture mapping' in intra-articular tibial plateau fractures
Ajith KUMAR, Kotekar MOHAMED FAHEEM, K. YOGESH, Pai SHAILESH (INDIA)

16:16 Automated measurement of muscle mass using CT scanning thresholds gains time, but merits caution in elderly and obese patients
Hans E. BERG, Daniel TRUONG, Elisabeth SKOGLUND, Thomas GUSTAFSSON, Tommy LUNDBERG (SWEDEN)

16:24 Is there a difference between the wnt-signalling pathway expression in human nonunion versus callus?
Peter KLOEN[1], Johanna Charlotte Emilie DONDERS[2], La Manna FEDERICO[1], Reggie HAMDY[3], Marianna KRUITHOFF-DE JULIO[1], Andre VAN WIJNEN[2], Dominique LAUZIER[3]
[1](NETHERLANDS), [2](UNITED STATES), [3](CANADA)

16:32 A biomechanical study on pullout strength of suture anchors versus headless screws in avulsion fractures of different thickness
Chun Liang WANG, Chung Hsun CHANG (TAIWAN)

16:40 The morphological parameters of proximal tibiofibular joint predict incident radiographic osteoarthritis: data from the osteoarthritis initiative
Weiyu HAN[1], Zhaohua ZHU[2], Jun CHANG[1], Guoliang WANG[1], Lu MING[1], Shuang ZHENG[1], Tao MENG[1], Feitong WU[1], Danchi JIANG[1], Michael HANNON[3], Kwoh KENT[3], David HUNTER[1], Changhai DING[1]
[1](AUSTRALIA), [2](CHINA), [3](UNITED STATES)

16:48 First time description of an osseous midline margin (crista vertebralis mediana posterior) in the lumbar spine and its significance in the operative treatment of sequestra in herniated vertebral disc
Wolfram TESKE, Philipp BASTIANS, Sonja ZIRKE, Veronika GERSTEN, Lahner MATTHIAS, Christoph VON SCHULZE PELLENGAHR, Matthias WIESE (GERMANY)

16:56 The effect of alendronate-impregnated biphasic calcium phosphate scaffolds enhanced bone regeneration in a rat tibial defect model
Hae Ryong SONG, Jae Yong LEE (SOUTH KOREA)

17:04 3D finite-element modelling and analysis of cerebrospinal fluid flow in thoracic spine
Pan-Pan HU, Miao YU, Xiao-Guang LIU (CHINA)

17:12 Pilot study: clinical application of Mg-based biodegradable material for fracture fixation in the adult skeleton
Patrick HOLWEG (AUSTRIA)

17:20 A novel tantalum coating on porous SiC scaffold using chemical vapour deposition and preliminary biological evaluation
Hui XIE, Dewei ZHAO, Benjie WANG (CHINA)

08:00 - 10:00

Short Free Paper Session – Shoulder and Elbow (I)

Moderators: Graham TYTHERLEIGH-STRONG (UNITED KINGDOM), Marius M. SCARLAT (FRANCE)

08:00 KEYNOTE LECTURE: Anterior shoulder instability: the management of bone loss
Graham TYTHERLEIGH-STRONG (UNITED KINGDOM)

08:15 Indirect transfer of the sternal head of the pectoralis major with autogenous semitendinosus augmentation to treat scapular winging secondary to long thoracic nerve palsy
Jinwu WANG, Zezheng YANG, Keming WAN, Han YANG, Yuanjing XU, Tao LI, Xiaojun ZHOU, Ming XIAO (CHINA)

08:20 Biomechanical comparison of intramedullary humerus nails with different distal locking mechanisms
Tunay ERDEN, Mehmet KAPICIOGLU, Abdullah DEMIRTAS, Kerem BILSEL, Fuat AKPINAR, Hacer KUDUZ, Ergun BOZDAG (TURKEY)

08:25 Study of functional outcome of total elbow replacement using semi-constrained elbow prosthesis in advanced rheumatoid arthritis
Amber KANKANE, Ajit SWAMY (INDIA)

08:30 Effectiveness of intra-articular corticosteroid and platelet-rich plasma injection in the treatment of adhesive capsulitis: an experimental comparative study in rats
Orcun SAHIN, Javid MOHAMMADZADEH AZARABADI, Ekin Kaya SIMSEK, Bahtiyar HABERAL, Ates MAHMUTI, Ali YAWZ, Ismail Cengiz TUNCAY (TURKEY)

08:35 Corrective osteotomy and in situ fusion for lately presented nonunions of lateral condyle of the humerus in adults (report of outcome and literature review)
Mohamed Abdelhamid AKAR (EGYPT)

08:40 Patient-reported outcomes in patients treated with subacromial spacers for irreparable rotator cuff tear
Harish Kashyap SHANKER, Fatma SHARIFF (UNITED KINGDOM)

08:45 Evaluation of transfusion rate and length of stay after shoulder arthroplasty surgery
Manhal RIJAB AGHA, Waheeb A.K. AL-AZZANI, Paul CARTER, Tessa BAILEY, Rhys WILLIAMS, Tim MATTHEWS (UNITED KINGDOM)

08:50 How does the literature report internal rotation after reverse shoulder arthroplasty?: a systematic review
Jorge ROJAS, Edward MCFARLAND, Jacob JOSEPH (UNITED STATES)

08:55 Proximity of the axillary nerve during keyhole tenodesis of the long head of the biceps tendon: a cadaveric study
Manu Jacob ABRAHAM[1], Rajkumar AMARAVATHI[1], Keith TAMBOOWALLA[1], Jean KANY[2], Padmanabhan SEKARAN[1], Anoop PILAR[1], Dan ISSAC LUKE[1]
[1](INDIA), [2](FRANCE)

09:00 Clavicular block with local anaesthesia in acute midshaft clavicle fracture osteosynthesis
Carlos ACEVEDO, Mirna VALENZUELA, Gustavo CORONEL, Diogenes RONDELLI, Carlos LOPEZ (PARAGUAY)

09:05 Pain and functional outcome of shoulder manipulation under ultrasound-guided interscalene brachial plexus block in cases with adhesive capsulitis shoulder
Pandian SELVARAJ, Arunkumar PANDIAN, Shivashanmugam THIYAGARAJAN (INDIA)

09:10 Intraoperative parameter for humeral rotational osteotomy in brachial plexus palsy: surgical technique and preliminary results
Flavio IVALDE, Nizzo Miguens GUSTAVO, Socolovsky MARIANO, Pueyrredon JULIO HONORIO (ARGENTINA)

09:15 Vascularised fibular graft for upper limb reconstruction
Mohammed KOTB (EGYPT)

09:20 Study of the role of prosthetic replacement for comminuted fracture of the head and neck of the radius
Nitin WADHWA (INDIA)

09:25 Scapular osteochondroma with winging
Raheef ALATASSI, Saeed KOABAN (SAUDI ARABIA)

09:30 Can patients manage toileting after reverse total shoulder arthroplasty?: a systematic review
Gazi HURI[1], Jorge ROJAS[2], Jacob JOSEPH[2], Bingli LIU[2], Uma SRIKUMARAN[2], Edward G. MCFARLAND[2]
[1](TURKEY), [2](UNITED STATES)

09:35 Comparison of platelet-rich plasma with steroid injection in tennis elbow
Usama Bin SAEED, Ajmal YASIN (PAKISTAN)

09:40 Rehabilitation expectancy in rotator cuff arthroscopic repair
Amirreza FARHOUD, Mohammad Reza GUITY, Omid ZIAEE (IRAN)

10:30 - 12:00

Short Free Paper Session – Shoulder and Elbow (II)

Moderators: Aaron NAUTH (CANADA), Graham TYTHERLEIGH-STRONG (UNITED KINGDOM)

10:30 Shoulder partial denervation: an anatomical study of the feasibility and surgical perspectives
Patrick HOUVET (FRANCE)

10:35 Is PRP injection alone sufficient to treat partial rotator cuff tear?
Rajesh GOEL (INDIA)

10:40 Comprehensive© reverse shoulder system: evaluation of outcomes and notching in different aetiologies at a mean follow-up of 32 months
Ahmed A. ELSHEIKH[1], Amanda WOOD[2], Simon FROSTICK[2]
[1](EGYPT), [2](UNITED KINGDOM)

10:45 Cementless total elbow replacement: outcomes at a mean follow-up of five years
Ahmed A. ELSHEIKH[1], Amanda WOOD[2], Simon FROSTICK[2]
[1](EGYPT), [2](UNITED KINGDOM)

10:50 Mid-term outcomes of reverse shoulder replacement: a major trauma centre experience
Ahmed FADULELMOLA, Munir KHAN, Usman BUTT, Muthu JEYAM (UNITED KINGDOM)

10:55 Comparison of the clinical effect of the internal fixation combined with bone graft and the replacement of the humeral head with the semi-shoulder arthroplasty for the treatment of the proximal humerus fracture
Ji Dong LIANG, Shuang HAN, Shi Ming WEN (CHINA)

11:00 Hinge external fixator combined with internal fixation in the treatment of complex elbow fractures
Dongxu FENG, Lisong HENG (CHINA)

11:05 Combined surgical approach of the anterior and posterior for ulnar coronoid fracture of O'Driscoll type IIIB
Dongxu FENG, Lisong HENG (CHINA)

11:10 Total elbow replacements in a district hospital in the east of England: ten-year follow-up
Azeem THAHIR, Shuail NOOR, Satyanarayana ANNAPUREDDY (UNITED KINGDOM)

11:15 Free vascularised fibula transfer for reconstruction of humeral infected nonunion
Rachel LEFEBVRE, Geoffrey MARECEK, Milan STEVANOVIC (UNITED STATES)

11:20 Accuracy of digital templating in reverse geometry shoulder replacement with and without marker
Venkat Vardhan GADE, Charif AL-SAYYAD, Richard HARTLEY (UNITED KINGDOM)

11:25 Utilising Topaz™ (microdebrider) for lateral epicondylitis: medium-term outcome in a district general hospital
Ignatius LIEW, Harish Kashyap SHANKER, Robert HASSELL (UNITED KINGDOM)

11:30 Is there a correlation between inferiorisation of the humerus and the final functional outcome in reveres arthroplasties in the treatment of complex humeral fractures?: a retrospective study
Luis LUIS PIRES, Barbosa LUIS, Coelho ANA, Andre BARROS, Carlos MAIA DIAS, Eduardo CARPINTEIRO, Raul ALONSO (PORTUGAL)

14:00 - 15:30

Short Free Paper Session – Tumours

Moderators: Peter FERGUSON (CANADA), Dariush SAVADKOOHI (IRAN)

14:00 Clinical outcomes of deformity correction or distraction osteogenesis using an external fixator after tumour resection
Katsuhiro HAYASHI, Norio YAMAMOTO, Hidenori MATSUBARA, Akihiko TAKEUCHI, Shinji MIWA, Kentaro IGARASHI, Hiroyuki TSUCHIYA (JAPAN)

14:05 Schwannoma in the extremity: clinical features and microscopic intra-capsular enucleation
Keiichi MURAMATSU, Ryuta IWANAGA, Atsushi MIHARA, Koichiro IHARA (JAPAN)

14:10 Diagnostic value of tumour-fascia relationship in superficial soft-tissue masses on magnetic resonance imaging
Tadashi IWAI, Manabu HOSHI, Naoto OEBISU, Masanari AONO, Masatugu TAKAMI, Makoto IEGUCHI, Akiyoshi SHIMATANI, Naoki TAKADA, Yoshitaka BAN, Hiroaki NAKAMURA (JAPAN)

14:15 Surgical site infections after radiation therapy: an unbelievable challenge
Yash WAGH, Vikas AGASHE, Manish AGARWAL (INDIA)

14:20 Intralesional curettage for grade 1 chondrosarcoma of long bones
Subin Sugath BHASKAR (INDIA)

14:25 Functional outcomes of endoprosthetic reconstruction after resection of primary bone tumours around the knee
Sudhir Kumar GARG, Bharath PATIL, Purnima AGGARWAL (INDIA)

14:30 Reconstruction using sterilised tumour bone for primary malignant tumours of the upper limb
Subin Sugath BHASKAR (INDIA)

14:35 Extracorporeal irradiation and re-implantation of the bone in bone tumours
Pramod JAIN, Kisan PATOND (INDIA)

14:40 Pneumothorax in patients with lung metastases of advanced soft-tissue sarcoma treated with Pazopanib
Hiroaki KIMURA, Norio YAMAMOTO, Katsuhiro HAYASHI, Satoshi YAMADA, Hisaki AIBA, Takanobu OTSUKA, Hiroyuki TSUCHIYA (JAPAN)

14:45 Incidence of wrongly placed incisions in bone and soft-tissue tumours surgery: experience from 150 consecutive cases from a sarcoma unit
Muhammad SHOAIB (PAKISTAN)

14:50 The efficacy and safety of Apatinib in patients with synovial sarcoma: a single-institutional experience
Yong ZHOU, Li MIN, Wenli ZHANG, Yi LUO, Hong DUAN, Chongqi TU (CHINA)

14:55 A five-year review of management of neoplasm referrals to a university hospital orthopaedic department: are UK NHS cancer plan targets being met and have local policies helped?
Ravindran RANJITH, Rajiv KAILA (UNITED KINGDOM)

15:00 Aggressive fibromatosis in a paediatric population: a retrospective analysis
Masood UMER, Javeria SAEED, Mohammad Saleem QURESHI, Nida ZAHID, Nida ZAHID (PAKISTAN)

15:05 A one-centre experience of interstitial permanent I125 brachytherapy for extremity soft-tissue sarcomas
Xiang FANG, Duan HONG (CHINA)

15:10 The impact of a communal multidisciplinary team on the management of soft-tissue sarcoma
Oluwaseyi OLUWASEYI IDOWU, A. AKINMADE, S.O. GIWA, S.U. EYESAN, F.B. ABDULKAREEM, M.Y.M. HABEEBU (NIGERIA)

15:15 The use of 3D printed scaffolds impregnated with doxorubicin for local delivery to bone metastases secondary to prostate cancer
Elie AKOURY, Ahangar POUYAN, Antone NOUR, Ana Sofia Ramirez Garcia LUNA, Jacques LAPOINTE, Michael WEBER, Derek ROSENZWEIG (CANADA)

15:20 Reconstruction of the knee extensor mechanism for a case with large recurrent soft-tissue sarcoma
Rui SHI, Chongqi TU, Hong DUAN, Li MIN, Wenli ZHANG (CHINA)

15:25 Incision negative pressure wounds therapy decreased the incision complications of sacral tumour posterior resection: a clinical study
Rui SHI, Chongqi TU, Hong DUAN, Li MIN, Wenli ZHANG (CHINA)

16:00 - 17:30

Short Free Paper Session – Trauma

Moderator: Tomas TRC (CZECH REPUBLIC)

16:00 KEYNOTE LECTURE

16:15 Walking and functional recovery after hip fracture
Marco PATO, Miguel PÁDUA, Patrícia GOMES, Catarina PEREIRA, Jaime BRANCO, Paulo FELICÍSSIMO (PORTUGAL)

16:20 Outcome of long reamers in ipsilateral neck and shaft femur fracture
Mohit SHARMA, Rajendra CHANDAK (INDIA)

16:25 Flap delay: a very simple procedure to cover the large soft-tissue defect and exposed distal tibia fibula and foot
Md Abdul Gani MOLLAH (BANGLADESH)

16:30 Treatment of patella fractures using HA/PLLA screws and fibre-wires
Takuya USAMI, Naoya TAKADA, Isato SEKIYA (JAPAN)

16:35 Does the difference in type of short femoral nail affect early postoperative pain, muscle strength and walking ability in elderly patients who have sustained a trochanteric fracture?: prospective randomised study
Naoya TAKADA, Isato SEKIYA (JAPAN)

16:40 Gunshot wounds to the hip
Milos BRKLJAC[1], Maritz LAUBSCHER[2], Sithombo MAQUNGO[2] [1](UNITED KINGDOM), [2](SOUTH AFRICA)

16:45 After emergency department discharge, how quickly are patients reviewed in a virtual fracture clinic?: an audit of BOAST 7 guidance
David FERGUSON, Hassan ABDUL, Konstantopoulos GEORGE (UNITED KINGDOM)

16:50 After a fragility fracture how well does a virtual fracture clinic refer to falls liaison services?: an audit of BOAST 7 guidance
David FERGUSON, Hassan ABDUL, Konstantopoulos GEORGE (UNITED KINGDOM)

16:55 Autogenous cancellous bone grafting versus autogenous cancellous bone grafting along with autogenous growth factor rich plasma in nonunion of fractures of long bones
Yuvraj HIRA (INDIA)

17:00 Successful treatment of infected nonunion: how we did it
Peter DANIEL, Yu Han CHEE, Wei Yang Wilson THAM (SINGAPORE)

Trauma | 12 October | Room 517d

07:00 - 08:00

SICOT Instructional Symposium – High Energy Tibial Plateau Fractures

Moderators: Gershon VOLPIN (ISRAEL), Thami BENZAKOUR (MOROCCO)

07:00 The Schatzker classification - relevance today
Darius SAVADKOOHI (IRAN)

07:06 Arthroscopic-assisted minimal invasive reconstruction of tibial plateau fractures
Gershon VOLPIN (ISRAEL)

07:12 ORIF in tibial plateau fractures – planning and strategy
Stephan FRENZEL (AUSTRIA)

07:18 My personal strategy - have I changed at all?
Peter BIBERTHALER (GERMANY)

07:24 Tibial plateau fractures in skiing injuries - the role of minimally invasive surgery?
Cyril MAUFFREY (UNITED STATES)

07:30 Articular alignment for plateau fractures - significance of bony defect reconstruction
Reinhard SCHNETTLER (GERMANY)

07:36 Cement augmentation - when do I do it?
Kai Oliver JENSEN (SWITZERLAND)

07:42 Case-based lecture and podium discussion - are there any geographical influences on fracture management?
Reinhard SCHNETTLER (GERMANY), Cyril MAUFFREY (UNITED STATES)

08:00 - 10:00

Free Paper Session – Trauma (Polytrauma)

Moderators: Joseph SCHATZKER (CANADA), Thami BENZAKOUR (MORROCO)

08:00 KEYNOTE LECTURE: Managing the Schatzker V and VI tibial plateau fractures
Joseph SCHATZKER (CANADA)

08:15 Selfie related mortality: four-year epidemiology of a self-made disaster
Mohit JAIN[1], Kinjal MAVANI[2], David LIU[1], Viachaslau BRADKO[1] [1](UNITED STATES), [2](INDIA)

08:23 Can biochemical indices supplement clinical examination in decision-making regarding limb salvageability in extremity musculoskeletal trauma with vascular injury?
Sameer AGGARWAL (INDIA)

08:31 The use of telemedicine for remote trauma consultation: a simulation study
Anton KURDIN, Jayne FLYNN, Michael HOGAN, Darrell BOONE, Andrew FUREY (CANADA)

08:39 The use of extracorporeal membrane oxygenation in trauma patients: a single centre experience
Nikolaus LANG, Ines SCHWIHLA, Valerie WEIHS, Kambiz SARAHRUDI (AUSTRIA)

08:47 Diagnostic and therapeutic management of assistance to those suffering with mine-explosive trauma in the conditions of modern hybrid war
Sergiy GURYEV, Denis KRAVTSOV, Maxim MAXIMENKO (UKRAINE)

08:55 The systematic neutrophil response to intramedullary nailing in rats
Michel TEUBEN[1], Johannes GREVEN[2], Qiao ZHI[2], Roman PFEIFER[1], Martijn HOFMAN[2], Frank HILDEBRAND[2], Hans-Christoph PAPE[1]
[1](SWITZERLAND), [2](GERMANY)

09:03 Comparison of three devices to diagnose compartment syndrome
Edward HARVEY, Geraldine MERLE, Marianne COMEAU-GAUTHIER (CANADA)

09:11 Baseline vitamin D levels, bone turnover marker levels and patient characteristics in a cohort of adult orthopaedic polytrauma patients
Dennis MURPHY, Mikhail BEKAREV, Sara MERWIN, Evan MOSTAFA, Afshin PARSIKIA, Neetha REDDY, Vafa TABATABAIE, Melvin Jr. STONE, Milan SEN (UNITED STATES)

09:19 Outcomes in Schatzker type 5 and type 6 tibial plateau fractures treated with Ilizarov's circular ring fixator
Anubhav VERMA, Sheshagiri VENAKATESHAIAH, Siddalngamurthy G. (INDIA)

09:27 Interleukin-6 as a predictor of experimentally-induced fat embolism and polytrauma
Karthick RANGASAMY, Ramesh Kumar SEN (INDIA)

09:35 Reconstruction of complex soft-tissue defects in the extremities with chimeric anterolateral thigh perforator flap
Xiaoju ZHENG, Baoshan WANG (CHINA)

10:30 - 12:00

Partner Society Symposium – OTA: Complex Unique Fractures

Moderators: Edward HARVEY (CANADA), Steven OLSON (UNITED STATES)

10:30 Introduction to OTA
Steven OLSON (UNITED STATES)

10:32 Periarticular elbow fractures
Gregory Della ROCCA (UNITED STATES)

10:44 Wrist/distal radius fractures
Edward HARVEY (CANADA)

10:56 Shoulder fracture
Yves LAFLAMME (CANADA)

11:08 Options for nonunion/malunion of hip fractures
Steven OLSON (UNITED STATES)

11:20 Lessons learned from fracture treatment in austere environments
Anthony BROWN (UNITED STATES)

11:32 Mid-foot fractures
Gregory Della ROCCA (UNITED STATES)

11:44 Discussion
All

12:00 - 12:30

Plenary Session – Alexander R. VACCARO (UNITED STATES)

LECTURE TITLE: The future of medicine

12:30 - 13:00

Research Academy – Shanmuganathan RAJASEKARAN (INDIA)

14:00 - 15:30

SICOT Instructional Symposium – Pelvic Ring Fractures

Moderators: Hans-Christoph PAPE (SWITZERLAND), Meir LIEBERGALL (ISRAEL)

14:00 Introductory Lecture - the pelvic ring fracture
Meir LIEBERGALL (ISRAEL)

14:15 My personal strategy - have I changed at all?
Peter BIBERTHALER (GERMANY)

14:25 Pelvic ring injuries - the San Antonio approach
Boris ZELLE (UNITED STATES)

14:35 Pelvic ring injuries - the Zurich approach
Hans-Christoph PAPE (SWITZERLAND)

14:45 Anterior versus posterior ring
Steven OLSON (UNITED STATES)

14:55 Case presentation - a plea for minimal invasive fixation
Meir LIEBERGALL (ISRAEL)

15:03 Case presentation - a plea for ORIF
Jordan SAVESKI (MACEDONIA)

15:11 Discussion
All

16:00 - 17:30

Free Paper Session – Trauma (Pelvis)

Moderators: Mohammed AMJAD HOSSAIN (BANGLADESH), Narender MAGU (INDIA)

16:00 Does Nottingham hip fracture score predict mortality in distal femoral fracture patients?
Ignatius LIEW, Nameer CHOUDRY, Siddhant KUMAR, James FOUNTAIN (UNITED KINGDOM)

16:08 Pelvic X-ray misses out posterior pelvic ring lesions in elderly patients
Radek HART, Michaela BARTEKOVA (CZECH REPUBLIC)

16:16 Surgical management of bicolumnar fractures of the acetabulum: a review of results in 38 cases
Sunil Vishnu. PATIL (INDIA)

16:24 The changing epidemiology of acetabular fractures: a national trauma registry study
Mira PECHEVA, Majid CHOWDHRY, Ronan O'LEARY, Peter HULL, Andrew CARROTHERS, Fiona LECKY, Joseph QUEALLY (UNITED KINGDOM)

16:32 Early complications of percutaneous screw fixation of pelvic ring and acetabular fractures
Sandor MESTER (HUNGARY)

16:40 Challenges of managing anterior acetabular fractures with the Modified Stoppa approach in a developing country
Samarth MITTAL, Vivek TRIKHA (INDIA)

16:48 The clinical application of the Modified Stoppa approach with spring plate for posterior column acetabular fractures
Qian WANG, Cheng REN, Hanzhong XUE, Zhong LI, Liang SUN (CHINA)

16:56 The Modified Stoppa approach versus the ilioinguinal approach for acetabular fractures: a case control study
Dariush GOURAN SAVADKOOHI (IRAN)

17:04 A prospective study to determine optimal time to measure haemoglobin post-neck of femur surgery: day 1 or day 0?
Anand SHAH, Hassan RAZA, Fazal ALI, Prabhu SACHIN (UNITED KINGDOM)

Hip | 12 October | Room 518a+b

07:00 - 08:00

Partner Society Symposium – DMI'S: Dual Mobility

Moderators: Jean-Louis PRUDHON (FRANCE), James WADDELL (CANADA)

07:00 Activity report
Jean-Louis PRUDHON (FRANCE)

07:04 Literature review on dual mobility
Jacques CATON (FRANCE), Sebastian LUSTIG (FRANCE)

07:08 Total hip arthroplasty cup revision with Kerboull's ring and cemented dual mobility
Chahine ASSI (LEBANON)

07:12 Cemented dual mobility cup in primary total hip arthroplasty
Vicenze NEGREIROS (BRAZIL)

07:16 The French dual mobility register and its extension to the rest of the world
Andre FERREIRA (FRANCE), Jean Alain EPINETTE (FRANCE)

07:20 Intraprosthetic dislocation
Thomas NERI (FRANCE)

07:24 Mondial overview of dual mobility - Europe
Domenico TIGANI (ITALY)

07:28 Mondial overview of dual mobility - Asia
Yasuhiro HOMMA (JAPAN)

07:32 Mondial overview of dual mobility - North America
James WADDELL (CANADA)

07:36 Mondial overview of dual mobility - South America
Javier PEREZ (COLOMBIA)

07:40 Mondial overview of dual mobility - Middle East
Ayman EBIED (EGYPT)

07:44 Mondial overview of dual mobility - India
Ramesh SEN (INDIA)

07:48 Discussion
All

08:00 - 10:00

Free Paper Session – Hip (Hip Revision)

Moderators: Allan GROSS (CANADA), Jean-Louis PRUDHON (FRANCE)

08:00 KEYNOTE LECTURE: Restoration of bone stock in revision arthroplasty of the acetabulum
Allan GROSS (CANADA)

08:15 Minimum 12-year follow-up and revision rate following metal-on-metal hip arthroplasty
Mohamed FAGIR, Muhammed UMAR, Qasim MALIK, Steven KERSHAW, Keith BARNES, Syam MORAPUDI (UNITED KINGDOM)

08:23 Implant migration and patient-reported hip function two years after primary uncemented THA: an RSA study
Dirk Jan MOOJEN, Amanda KLAASSEN, Nienke WILLIGENBURG, Loes VAN BEERS, Vanessa SCHOLTES, Lennard KOSTER, Bart KAPTEIN, Rudolf POOLMAN (NETHERLANDS)

08:31 Varus femoral alignment in cementless total hip arthroplasty: survival analysis at more than 13 years of follow-up
Jean Marc PUCH, Jacques CATON (FRANCE)

08:39 Results of modular stem in revision of failed hemiarthroplasty
Vijay KUMAR, Rajesh MALHOTRA (INDIA)

08:47 Extended trochanteric osteotomy comparison of three modes of fixation: metallic wires, cables, plate (a series of 157 cases)
Jean Louis PRUDHON (FRANCE)

08:55 Union rate and complications of extended trochanteric osteotomy (ETO) in revision hip arthroplasty
Peter CNUDDE, Michelle GERARD-WILSON, Konrad WRONKA (UNITED KINGDOM)

09:03 Dual mobility total hip arthroplasty following failed fixation of proximal femoral fractures
Ayman M. EBIED (EGYPT)

09:11 Revision total hip arthroplasty via the direct anterior approach
Zachary POST, Andres DUQUE, Peter BOYLE, Alvin ONG, Fabio OROZCO, Danielle PONZIO (UNITED STATES)

09:19 Short-term radiographic and clinical outcomes of an ultraporous acetabular component in primary total hip arthroplasty
Taranjit TUNG, Smith DUNCAN, Trevor GASCOYNE, Eric BOHM (CANADA)

09:27 Impaction bone grafting in the long run
László BUCSI (HUNGARY)

09:35 Cementless dual mobility cups and bone allograft for acetabular reconstruction
Ayman M. EBIED (EGYPT)

09:43 Acetabular restoration in revision total hip arthroplasty utilising gap II
Afshin TAHERIAZAM, Farshad SAFDARI (IRAN)

10:30 - 12:00

SICOT Instructional Symposium – How Registries Change Our Practice for Total Hip and Knee Arthroplasty

Moderators: Jacques CATON (FRANCE), Francesco FALEZ (ITALY)

10:30 Total hip arthroplasty introduction - Swiss register
Pierre HOFFMEYER (SWITZERLAND)

10:40 Total hip arthroplasty in the Swedish register
Ola ROLFSON (SWEDEN)

10:50 Registries and primary hip arthroplasty
Phillipe HERNIGOU (FRANCE)

11:00 Factors affecting knee surgery in India
Ashok RAJGOPAL (INDIA)

11:10 EBM in total knee arthroplasty
Emilio ROMANINI (ITALY)

11:20 Is the United States basing its practice on a national register?
Ivan DE MARTINO (UNITED STATES)

11:30 Registries and revision
Michael DUNBAR (CANADA)

11:40 Discussion
All

14:00 - 15:30

SICOT Instructional Symposium – New Technologies in Total Hip Arthroplasty

Moderators: Phillipe HERNIGOU (FRANCE), Brent LANTING (CANADA)

14:00 Short stems
Francesco FALEZ (ITALY)

14:08 Robots
Sebastian LUSTIG (FRANCE)

14:16 Patient-specific instrumentation and 3D printing - to define short stems
Richard MCCALDEN (CANADA)

14:24 Single use ancillary
Andre FERREIRA (FRANCE)

14:32 Same-day surgery
Pascal-Andre VENDITTOLI (CANADA)

14:40 New and highly cross-linked polyethylene
Alessandro BISTOLFI (ITALY)

14:48 Anterior approach
Sebastian LUSTIG (FRANCE)

14:56 Artificial intelligence and surgery
Thomas GREGORY (FRANCE)

15:04 Economic issues
Jacques CATON (FRANCE)

15:12 Discussion
All

16:00 - 17:30

SICOT Instructional Symposium – Managing Modern Complications of Total Hip Arthroplasty

Moderators: László BUCSI (HUNGARY), Andre FERREIRA (FRANCE)

16:00 Fretting corrosion
Phillipe HERNIGOU (FRANCE)

16:08 Ceramic fractures
Laurent SEDEL (FRANCE)

16:16 Noises and squeaking
Luigi ZAGRA (ITALY)

16:24 DMC Complications IPD
Jacques CATON (FRANCE)

16:32 Anterior approach complications
Andreas MAVROGENIS (GREECE)

16:40 Alval and pseudotumours
Donald GARBUZ (CANADA)

16:48 Periprosthetic fractures
Jean-Louis PRUDHON (FRANCE)

16:56 Infections
Eduardo SALVATI (UNITED STATES)

17:04 Short stem complications
Jean Marc PUCH (FRANCE)

17:12 Discussion
All

Knee | 12 October | Room 519a+b

08:00 - 10:00

Free Paper Session – Knee (Total Knee Arthroplasty II)

Moderators: Mayil NATARAJAN (INDIA), Shanmuganathan RAJASEKARAN (INDIA)

08:00 KEYNOTE LECTURE: Limb salvage surgery in bone tumours using custom mega prosthesis
Mayil NATARAJAN (INDIA)

08:15 Total knee arthroplasty in patients with varus deformities greater than 10°: survival analysis at a mean ten years follow-up
Benjamin PULIERO[1], Henri FAVREAU[2], David EICHLER[2], Philippe ADAM[2], François BONNOMET[2], Matthieu EHLINGER[2]
[1](CANADA), [2](FRANCE)

08:23 Five-year follow-up results of total knee arthroplasty for valgus knees: soft-tissue release technique
Umesh NAGARE, Suyash GAWANDE, Ravikumar V. PRAJAPATI (INDIA)

08:31 Satisfaction of patients after total knee arthroplasty
Anurag CHANDRAKAR, Pratik KAWDE, Siddharth AGRAWAL (INDIA)

08:39 Ten-year results of navigated total knee replacement in complex cases
Valeriy Y. MURYLEV, Yaroslav RUKIN, Alexey DERING, Pavel ELISAROV, Semen ALEKSEEV, Grigoriy KUKOVENKO (RUSSIA)

08:47 Retrospective study of deep vein thromboses prophylaxes in a tertiary hospital in India
Amiya Kumar BERA (INDIA)

08:55 Do complications after total knee arthroplasty performed for osteoarthritis compare with those with traumatic arthritis?
Rishi THAKRAL, Bryan S. BROCKMAN, Kimberly M. HOLLABAUGH, Julie A. STONER (UNITED STATES)

09:03 Accelerometer-based, hand-held navigation for improved knee alignment in total knee arthroplasty: an observational study
Arun SWAMY, Rajesh MALHOTRA, Vijaya Kumar DIGGE, Deepak GAUTHAM (INDIA)

09:11 Comparison of femur external rotation in gap management and measured resection techniques in patients undergoing total knee arthroplasty using computer-assisted surgery
Giridhar BOYAPATI, Krishna Kiran EACHEMPATI, Chandrasekhar DANNANA (INDIA)

09:19 Asymmetrical femoral component sizing in bilateral total knee arthroplasty, causes and outcomes: a matched cohort study
Krit BOONTANAPIBUL, Piya PINSORNSAK (THAILAND)

09:27 Does knee prosthesis affect blood loss in simultaneous bilateral TKA?
Piti RATTANAPRICHAVEJ, Artit LAORUENGTHANA, Supachok RASAMIMONGKOL, Panapol VARAKORNPIPAT, Kongpob REOSANGUANWONG, Krit POMGPIRUL (THAILAND)

09:35 Fat pad excision in total knee arthroplasty does not affect functional outcome or anterior knee pain at one-year follow-up
Sameer RATHORE (INDIA)

09:43 Vertical limb of extensile lateral calcaneal approach location and injury of calcaneal branch of peroneal artery: an injection anatomical study
Norachart SIRISREETREERUX, Paphon SA-NGASOONSONG, Noratep KULACHOTE, Theerachai APIVATTHAKAKUL (THAILAND)

09:51 Aspirin is a safe thromboprophylaxis for joint arthroplasty
S.M. Javad MORTAZAVI, Soroush BAGHDADI, Amad RAMEZANPOUR ASL (IRAN)

10:30 - 12:00

SICOT Instructional Symposium – Computer-Assisted Orthopaedic Surgery

Moderator: Ajeya ADHIKARI (UNITED KINGDOM)

10:30 Hip navigation technique and outcomes
Kamal DEEP (UNITED KINGDOM)

10:40 The future of robotics in total knee arthroplasty
Michael DUNBAR (CANADA)

10:55 Simulation in education
Marc ISLER (CANADA)

11:10 Computer assisted orthopaedic surgery in bilateral total knee arthroplasty
Ajeya ADHIKARI (UNITED KINGDOM)

11:20 Custom-made implants - the functional advantage
Max RUDERT (GERMANY)

11:30 Navigation in total knee arthroplasty
Fred PICARD (UNITED KINGDOM)

11:40 Discussion
All

14:00 - 15:30

SICOT Instructional Symposium – Young Surgeons Committee - Difficult Primary Knee Arthroplasty: Case Discussion

Moderators: Mohamed SUKEIK (UNITED KINGDOM), Michael TANZER (CANADA)

14:00 Intra-articular deformity
Remzi TOZUN (TURKEY)

14:10 Extra-articular deformity
Javad MORTAZAVI (IRAN)

14:20 Patellar abnormalities
Jacques CATON (FRANCE)

14:30 Stiff knee
Francesco FALEZ (ITALY)

14:40 Case 1
Mustafa CITAK (GERMANY)

14:48 Case 2
Mohammadali ENAYATOLLAHI (IRAN)

14:56 Case 3
Afshin TAHERIAZAM (IRAN)

15:04 Case 4
Afshin TAHERIAZAM (IRAN)

15:12 Final Remarks
Michael TANZER (CANADA)

16:00 - 17:30

Free Paper Session – Knee (Total Knee Arthroplasty III)

Moderators: Zachary POST (UNITED STATES), Matsumoto TOMOYUKI (JAPAN)

16:00 Lateral femoral sliver osteotomy for lateral release in TKA for severe valgus: a new technique
Amit SINGH, Videsh RAUT, Akash SARAOGI, Naveen LOKIKERE (UNITED KINGDOM)

16:08 Patient outcomes following single radius versus multi radius total knee replacement
Anil Kumar SINGHAL, Llion DAVIES, Catherine MOON, Peter LEWIS (UNITED KINGDOM)

16:16 Knee arthroplasty in patients with previous ligamentous knee surgery: a matched case control study
Nirav PATEL, Samantha LEITE, Christopher HADLEY, Shyam BRAHMABHATT, Donald MAZUR, Javad PARVIZI, Michael CICCOTTI (UNITED STATES)

16:24 Accelerometer-based portable navigation in total knee arthroplasty, a faster guide with accuracy comparable to imageless, computer-assisted navigation: a prospective randomised study
Arun SWAMY, Rajesh MALHOTRA, Vijaya Kumar DIGGE (INDIA)

16:32 Blood loss in total knee arthroplasty: a RCT comparing cemented and uncemented techniques
Iain FEELEY, Niall HOGAN (IRELAND)

16:40 Seasonal variation in the occurrence of deep vein thrombosis after total knee arthroplasty
Hiroshi SASAKI, Ishida KAZUNARI, Shibanuma NAO, Toda AKIHIKO, Kodato KAZUKI, Matsumoto TOMOYUKI, Kurosaka MASAHIRO, Kuroda RYOSUKE (JAPAN)

16:48 Signs of possible early loosening of femoral components in Attune® CR TKR
Thomas GUGGI, Stefan PREISS, Laurent HARDER, Nils HORN (SWITZERLAND)

16:56 Using immediate postoperative knee range of motion photograph as a motivation for increasing knee motion after total knee arthroplasty; can it improve postoperative knee range of motion?: a prospective, double-blind, randomised controlled trial
Piya PINSORNSAK, Krit BOONTANAPIBUL (THAILAND)

17:04 Outcomes of navigated TKA: a real navigation to better results?
Giri SITARAM, Mahesh THIBBAIAH, Ioan DRAGHITA, Ashvin PIMPALNERKAR (UNITED KINGDOM)

17:12 Comparison of functional outcomes following total knee arthroplasty with a conventional implant design or one designed to mimic natural knee kinematics
William LUTES, David FITCH (UNITED STATES)

08:00 - 10:00

Free Paper Session – Sports Medicine (Miscellaneous)

Moderators: Femi AYENI (CANADA), Fabio SCIARETTA (ITALY)

08:00 KEYNOTE LECTURE: Femoroacetabular Impingement: where the evidence is taking us
Femi AYENI (CANADA)

08:15 Arthroscopic Broström-Gould procedure for chronic lateral ankle instability
Hailin XU (CHINA)

08:23 Isolated Slap type II lesions in young sportsmen: biceps tenodesis versus labral repair
André BARROS, Carlos DIAS, Luís PIRES, Alonso RAUL, Eduardo CARPINTEIRO (PORTUGAL)

08:31 Achilles tendon characteristics in the asymptomatic patient: an ultrasound study
J. Turner VOSSELLER, Peter NOBACK, Christina FREIBOTT, Direk TANTIGATE, Eugene JANG, Justin GRESIBERG, Tony T. WONG (UNITED STATES)

08:39 How do sports medicine and foot and ankle specialists treat acute Achilles tendon ruptures?
J. Turner VOSSELLER, David P. TROFA, Robert L. PARISIEN, Anthony P. GUALTIERI, Xinning LI, Christopher DODSON, William N. LEVINE (UNITED STATES)

08:47 Multiple iliopsoas tendons and its implications in internal snapping hip syndrome
Vikas KHANDUJA, Benjamin LIN, Jonathan BARTLETT, Thomas LLOYD, Dimitris CHALLOUMAS, Cecilia BRASSETT (UNITED KINGDOM)

08:55 Indications, operative findings and functional outcomes of patients undergoing revision hip arthroscopy
Anjan Venkataraman KRISHNAMURTHY[1], Mikhil JAIN[2], Veenesh SELVARATNAM[2], Amelia WOODHOUSE[2], Aslam MOHAMMED[2]
[1](INDIA), [2](UNITED KINGDOM)

09:03 Outcomes after arthroscopic surgery for femoroacetabular impingement with a global pincer: a systematic review
Olufemi AYENI, Ryan P. COUGHLIN, Muzammil MEMON, Jeffrey KAY, Nicole SIMUNOVIC, Andrew DUONG (CANADA)

09:11 The use of sonography during percutaneous Achilles tendon repair to avoid sural nerve injury: a case series
Shuzo TAKAZAWA, Joverienne CHAVEZ, Soichi HATTORI, Shin YAMADA, Yuki KATO, Hiroshi OHUCHI (JAPAN)

09:19 Outcome evaluation of medial patellofemoral ligament reconstruction using patellar double tunnel technique in recurrent patellar dislocation
Aarthi THIAGARAJAN (INDIA)

09:27 Athletes experience a high rate of return to sport following hip arthroscopy
Olufemi AYENI[1], Muzammil MEMON[1], Jeffrey KAY[1], Philip HACHE[1], Nicole SIMUNOVIC[1], Joshua D. HARRIS[2], John O'DONNELL[3]
[1](CANADA), [2](UNITED STATES), [3](AUSTRALIA)

09:35 Return to work following hip arthroscopy for femoroacetabular impingement
Paul HAGGIS, Tom POLLARD, Tony ANDRADE (UNITED KINGDOM)

10:30 - 12:00

SICOT Instructional Symposium – Update in Anterior Cruciate Ligament Reconstruction

Moderators: Steven ABELOW (UNITED STATES), Jas CHAHAL (CANADA)

10:30 My favourite anterior cruciate ligament reconstruction
Steven ABELOW (UNITED STATES)

10:35 My favourite anterior cruciate ligament reconstruction
Jas CHAHAL (CANADA)

10:40 My favourite anterior cruciate ligament reconstruction
René VERDONK (BELGIUM)

10:45 My favourite anterior cruciate ligament reconstruction
Daniel WHELAN (CANADA)

10:50 My favourite anterior cruciate ligament reconstruction
Vikas KHANDUJA (UNITED KINGDOM)

10:55 My favourite anterior cruciate ligament reconstruction
Wai Pan Peter YAU (HONG KONG)

11:00 Discussion
All

11:10 Anterolateral ligament reconstruction - is it necessary?
René VERDONK (BELGIUM)

11:20 Update on the Management of Anterior Cruciate Ligament Repair
Sebastien SIMARD (CANADA)

11:30 Paediatric anterior cruciate ligament reconstruction
Sachin TAPASVI (INDIA)

11:40 Revision anterior cruciate ligament reconstruction - lessons learnt!
Kevin STONE (UNITED STATES)

11:50 Discussion
All

13:00 - 14:00

Industry-Sponsored Session

14:00 - 15:30

SICOT Instructional Symposium – Multiligament Injuries in the Knee

Moderators: Vikas KHANDUJA (UNITED KINGDOM), Daniel WHELAN (CANADA)

14:00 Principles of management of multiligament knee injuries
Vikas KHANDUJA (UNITED KINGDOM)

14:10 MCL and posterior oblique ligament injuries
Wai Pan Peter YAU (HONG KONG)

14:25 PCL injuries in the knee
James LOH (SINGAPORE)

14:40 Posterolateral corner injuries in the knee
Sachin TAPASVI (INDIA)

14:55 Postoperative rehab in MLKI
Daniel WHELAN (CANADA)

15:10 Case presentations
Ziyad ELQIREM (JORDAN)

15:25 Discussion
All

16:00 - 17:30

Free Paper Session – Sports Medicine (Ligament II)

Moderators: Daniel WHELAN (CANADA), Wai Pan Peter YAU (HONG KONG)

16:00 Variation of the sagittal locations of anterior cruciate ligament tibial footprints and their association with radiographic landmarks
Hyung Joon CHO (SOUTH KOREA)

16:08 The relation of graft type and antibiotic pre-soaking with deep infection rates in anterior cruciate ligament reconstruction: a meta-analysis of 185 studies with 53 526 cases
Kenan KURSUMOVIC, Charalambos CHARALAMBOUS (UNITED KINGDOM)

16:16 Resorption and remodelling of bioabsorbable interference screw used for anterior cruciate ligament reconstruction with hamstring technique
Valerio ANDREOZZI, Drogo PIERGIORGIO, Ludovico CAPERNA, Fabio CONTEDUCA, Andrea FERRETTI (ITALY)

16:24 Quantitative comparison of mechanoreceptors in the tibial remnants of the ruptured human anterior cruciate ligament with duration of injury and its significance: an immunohistochemistry-based observational study
Mayur NAYAK (INDIA)

16:32 Complication rates of anterior cruciate ligament reconstruction in skeletally immature patients with new instrumentation: a single-centre study
Lydia SAAD, Marie-Lyne NAULT, Guy GRIMARD (CANADA)

16:40 Transtibial anatomic ACL reconstruction can lead to a short tibial tunnel and tibial subchondral bone damage
Hyung Joon CHO (SOUTH KOREA)

16:48 Outcome of eccentric graft positioning in the tibial tunnel by interference screw aperture fixation in single-bundle anterior cruciate ligament reconstruction with quadruple hamstring graft
Bordee SUKHAPRADIT, Bancha CHERNCHUJIT (THAILAND)

16:56 Risk factors of ACL injury: anatomical lower limb alignment in ACL deficient versus ACL intact knees - a case control study
Ashish DEVGUN (INDIA)

17:04 Comparison of clinical outcomes between different femoral tunnel positions after anterior cruciate ligament reconstruction surgery
Amirhossein KESHAVARZ, Ali Akbar ESMAILIJAH, Mohammadreza ABBASIAN, Farshad SAFDARI (IRAN)

Spine | 12 October | Room 520c

08:00 - 10:00

Free Paper Session – Spine (III)

Moderators: Raj RAMPERSAUD (CANADA), Dadi JIN (CHINA), Marcio RAMALHO (BRAZIL)

08:00 KEYNOTE LECTURE: Future perspectives of the full endoscopy approaches to treat spinal pathologies
Marcio RAMALHO (BRAZIL)

08:15 Is halo gravity traction a panacea in severe rigid spinal deformities?: a prospective analysis of 26 patients
Dilip Chand Raja SOUNDARARAJAN, Sri Vijayanand K.S., Rajasekaran S., Ajoy Prasad SHETTY, Rishi Mugesh KANNA (INDIA)

08:23 Is chronic kidney disease associated with postoperative complications after spinal fusion surgery?
Sarah STROUD, George BEYER, Stanley WENG, Neil SHAH, Jared NEWMAN, Omar HARIRI, Sarah STROUD, Dipal CHATTERJEE, Scott PASCAL, Bassel DIEBO, Carl PAULINO (UNITED STATES)

08:31 Restoration of normal pelvic balance from surgical reduction of high-grade spondylolisthesis
Abdulmajeed ALZAKRI, Hubert LABELLE, Stefan PARENT, Jean Marc MACTHIONG (CANADA)

08:39 Surgeon directed neuromonitoring in paediatric spinal deformity correction: safe and cost effective
Andrea CHAN, Purnajyoti BANERJEE, Nasiur REHMAN, Cristina LUPU, Tim BISHOP, Jason BERNARD, Darren LUI (UNITED KINGDOM)

08:47 Intraoperative traction in scoliosis cases: a safe and an effective tool to achieve better correction
Kedar PADHYE, Jennifer HURRY, Ron EL-HAWARY, Benjamin ORLIK (CANADA)

08:55 Spinal growth tethering around the apical vertebrae leads to asymmetric growth as a mechanism of spinal deformity correction in kyphosis and scoliosis
Alaa Azmi AHMAD, Loai AKER, Ahmad GHANEM (PALESTINE)

09:03 The impact of surgical reduction of high grade spondylolisthesis on proximal femoral angle and quality of life
Imad NAHLE, Hubert LABELLE, Stefan PARENT, Julie JONCAS, Jean-Marc MAC-THIONG (CANADA)

09:11 Idiopathic scoliosis of adolescents and similar: a new principle - short, apical, single or multiple
Enguer Beraldo GARCIA (BRAZIL)

09:19 One stage or two?: a cohort analysis of anteroposterior spinal fusions for severe paediatric scoliosis
Jerry DU, Connie POE-KOCHERT, George THOMPSON, Jochen SON-HING, Christina HARDESTY, R. Justin MISTOVICH (UNITED STATES)

09:27 Ten key steps for radiographic analysis of adult degenerative scoliosis
Athar SIDDIQUI[1], Panagiotis LIANTIS[1], Pavlos PANTELIADIS[1], Amanda ISAAC[1], Umar KHAN[2], Jaykar PANCHMATIA[1]
[1](UNITED KINGDOM), [2](PAKISTAN)

09:35 The rib construct: a safe and effective method for correction of severe paediatric spinal deformity
Richard Henry GROSS, Avery BUCHHOLZ, Sally WEBB, Daniel BONTHIUS (UNITED STATES)

10:30 - 12:00

SICOT Instructional Symposium – Myelopathy

Moderator: Dadi JIN (CHINA)

10:30 Clinical signs and symptoms
Keith LUK (HONG KONG)

10:40 Clinical exam and findings
Keith LUK (HONG KONG)

10:50 Radiological assessment
Daniel SHEDID (CANADA)

11:00 Surgery - when, how and what?
Jong-Beom PARK (SOUTH KOREA)

11:10 Surgical procedures technique
Jong-Beom PARK (SOUTH KOREA)

11:20 The value of spine surgery for spinal stenosis
Raja RAMPERSAUD (CANADA)

11:30 What is a minimal important difference in spine surgery outcomes and is it stable?
Joel FINKELSTEIN (CANADA)

11:40 Cases: questions and answers
All

14:00 - 15:30

SICOT Instructional Symposium – Safety in Spine Surgery and Trauma

Moderators: Vikas PATEL (UNITED STATES), Fernando Facanha FILHO (BRAZIL)

14:00 Contemporary treatment of odontoid fractures in the elderly
Alexander R. VACCARO (UNITED STATES)

14:10 Cervical facet fracture management
Michael WEBER (CANADA)

14:20 Surgery in osteoporotic vertebral fractures
Ram CHADDHA (INDIA)

14:30 Anaesthesia considerations for complex spine surgery
Leslie JAMESON (UNITED STATES)

14:40 Perioperative management of adult deformity surgery
Vikas PATEL (UNITED STATES)

14:50 Complications in adult scoliosis
Cody BUNGER (DENMARK)

15:00 Safety in deformity surgery - the paediatric population
John DORMANS (UNITED STATES)

15:10 ISAEC - a nonoperative programme of care
Raja RAMPERSAUD (CANADA)

15:20 Cases and audience discussion
All

16:00 - 17:30

Free Paper Session – Spine (IV)

Moderators: Thamer A. HAMDAN (IRAQ), Fatih KUCUKDURMAZ (TURKEY)

16:00 Comparing predictors of complications following anterior cervical discectomy and fusion, total disc replacement and combined ACDF-TDR with minimum two-year follow-up
Sarah STROUD[1], Neil SHAH[1], Ishaan JAIN[1], Cameron MOATTARI[1], George BEYER[1], John KELLY[2], Jared NEWMAN[1], Nicholas POST[1], Carl PAULINO[1], Bassel DIEBO[1]
[1](UNITED STATES), [2](GRENADA)

16:08 Magnetic resonance image findings of the suture failure of the nuchal ligament in the early postoperative period after cervical laminoplasty
Hiroshi TANIWAKI[1], Teruo KITA[1], Kazushi TAKAYAMA[1], Hideki SAKANAKA[1], Yoshiki YAMANO[2]
[1](JAPAN), [2](JAMAICA)

16:16 Outcomes of patients with Parkinson's disease undergoing cervical spine surgery for radiculopathy and myelopathy with minimum two-year follow-up
Sarah STROUD[1], Neil SHAH[1], John KELLY[2], Jared NEWMAN[1], Daniel MURRAY[1], Joshua LAVIAN[1], George BEYER[1], Qais NAZIRI[1], Omar HARIRI[1], Louis DAY[1], Peter PASSIAS[1], Frank SCHWAB[1], Virginie LAFAGE[1], Carl PAULINO[1], Bassel DIEBO[1]
[1](UNITED STATES), [2](GRENADA)

16:24 Clinical outcome of laminoplasty for cervical ossification of the posterior longitudinal ligament
Sho TOMOZAWA (JAPAN)

16:32 Fusion rate for one and two levels anterior cervical decompression and interbody fusion
Ayush SHARMA, Singh VIJAY, Kishore HARI, Kamble PRASHANT, Jorule KAILASH, Agarwal ROMIT, Sinha SHORABH, Mathapati SUMIT, Deepak PRIYANK (INDIA)

16:40 Neuromonitoring signal changes in cervical spine surgery: when is it significant?
Juen Zhik CHAN, Joshua DECRUZ, Ho Yin WONG, Yoong Leong Jacob OH, Dinesh Shree KUMAR, Aravind KUMAR, Wei Ren, Eugene YANG, Colum Patrick NOLAN (SINGAPORE)

16:48 A novel anterior decompression surgery for the treatment of cervical ossification of posterior longitudinal ligament
Jinhao MIAO, Yu CHEN, Jingchuan SUN, Haisong YANG, Yongfei GUO, Deyu CHEN, Jiangang SHI (CHINA)

16:56 A prospective randomised study to analyse the efficacy of balanced preemptive analgesia in spine surgery
Dilip Chand Raja SOUNDARARAJAN, Ajoy Prasad SHETTY, Rishi Mugesh KANNA, Shanmuganathan RAJASEKARAN (INDIA)

17:04 The anterior-posterior-anterior approach: an effective surgical technique to treat neglected facet dislocations of the sub-axial cervical spine
Aju BOSCO, Nalli UVARAJ (INDIA)

17:12 Torticollis in an eight-year-old child due to Grisel Syndrome and review of literature
Aashish GHODKE, Ram CHADDHA (INDIA)

Knee-Shoulder Arthroscopy Cadaver Lab | 12 October | Room 520d+e+f

08:00 - 12:00

Instructional Course – Knee Arthroscopy Cadaver Lab

Moderator: Sebastien SIMARD (CANADA)

Instructors: Mario NAMBA (BRAZIL), Fernando ROSA (BRAZIL), Luis Fernando JORDAO (BRAZIL), Veronique GODBOUT (CANADA), Joao LUIZ (BRAZIL), Ahmed KHATER (EGYPT)

See page 26 for course details.

08:00 - 12:00

Instructional Course – Shoulder Arthroscopy Cadaver Lab

Moderator: Sebastien SIMARD (CANADA)

Instructors: Gabriel RIFFEL (BRAZIL), Ziyad ELQIREM (JORDAN), Leonardo DAU (BRAZIL), Jennifer MUTCH (CANADA)

See page 26 for course details.

13:00 - 17:00

Instructional Course – Knee Arthroscopy Cadaver Lab

Moderator: Don JOHNSON (CANADA)

Instructors: Sebastien SIMARD (CANADA), Celia DE CONTI (BRAZIL), Francois VEZINA (CANADA), Francisco ASSIS (BRAZIL), Rene VERDONK (BELGIUM), Luis Fernando JORDAO (BRAZIL)

See page 26 for course details.

13:00 - 17:00

Instructional Course – Shoulder Arthroscopy Cadaver Lab

Moderator: Don JOHNSON (CANADA)

Instructors: Veronique GODBOUT (CANADA), Wilson LI (HONG KONG), Gabriel RIFFEL (BRAZIL), Jennifer MUTCH (CANADA)

See page 26 for course details.

Shoulder and Elbow | 12 October | Room 521a+b+c

08:00 - 10:00

Free Paper Session – Shoulder and Elbow (I)

Moderators: Srinath KAMINENI (UNITED STATES), Lee VAN RENSBURG (UNITED KINGDOM)

08:00 KEYNOTE LECTURE: Boyds interval: the gateway to the elbow
Lee VAN RENSBURG (UNITED KINGDOM)

08:15 Congenital undescended scapula: correlation of two different treatment procedures
Mohammed Ali Fadhil AL-BAYATI[1], Zuhair Abbas CH HAILY[1], Zuhair Abbas CH HAILY[1], Alhgam MUSTAFA[2], Ayad MUTTAR[1]
[1](IRAQ), [2](IRAN)

08:23 Comparing surgical repair to conservative treatment and subacromial decompression for the treatment of rotator cuff tears: a meta-analysis of randomised trials
Christine SCHEMITSCH[1], Jas CHAHAL[1], Milena VICENTE[1], Pierre-Henri FLURIN[2], Frederik LAMBERS HEERSPINK[3], Patrick HENRY[1], Aaron NAUTH[1]
[1](CANADA), [2](FRANCE), [3](NETHERLANDS)

08:31 Long-term outcome in reverse shoulder arthroplasty regarding aetiologies
Angelika SCHWARZ, Gloria HOHENBERGER, Milan NIKS, Sabine KUCHLING, Maximilian ZACHERL, Franz SEIBERT, Michael PLECKO (AUSTRIA)

08:39 Effectiveness of plain shoulder radiograph in detecting degenerate rotator cuff tears
Muhammad MUZZAMMIL (PAKISTAN)

08:47 A prospective randomised study comparing ultrasound guided targeted high volume injection of the rotator cuff interval and supervised physical therapy for primary adhesive capsulitis of shoulder at a tertiary care centre
Vishnu UNNITHAN, Ashish BABHULKAR (INDIA)

08:55 The relationship between acromioclavicular joint arthritis and critical shoulder angle
Shah JEHAN, Khalid SHARIF, Muhammad Usman TOOR, Adnan JAVAID, Joseph ALEX, Victoria ALGAR, Muhammad Muddassir Mahmood JAVAID (UNITED KINGDOM)

09:03 Arthroscopic anatomic coraco- and acromioclavicular ligament reconstruction for high grade acromioclavicular joint injuries: clinical, radiological and sonographic outcomes
Vishnu UNNITHAN, Ashish BABHULKAR (INDIA)

09:11 Complications audit and clinical outcomes of arthroscopic latarjet with labral repair
Kenneth CUTBUSH (AUSTRALIA)

09:19 Superior capsular reconstruction versus partial repair in symptomatic irreparable cuff tears
André BARROS, Carlos DIAS, Luís PIRES, Raul ALONSO, Eduardo Palma CARPINTEIRO (PORTUGAL)

09:27 Risk of neurovascular injury related to distance from coracoid process in various patient positions: a cadaveric study
Chaiwat CHUAYCHOOSAKOON, Suwanno PORAMES, Prapakorn KLABKLAY, Chitpon SINCHAI, Sitthiphong SUWANNAPHISIT, Yada DUANGNUMSAWANG, Boonsin TANGTRAKULWANICH (THAILAND)

09:35 Ultrasonographic axillary nerve mapping: an alternative cost-effective tool with implications in surgery
Anthony THAYAPARAN, Shenouda SHALABY, Ajay SAHU, Tariq ZAMAN (UNITED KINGDOM)

10:30 - 12:00

SICOT Instructional Symposium – Shoulder Instability

Moderators: Nuri AYDIN (TURKEY), Srinath KAMINENI (UNITED STATES)

10:30 Examination of the instability patient
Gregory CUNNINGHAM (SWITZERLAND)

10:40 Evaluation of the bony defects (humeral and glenoid)
Markus WAMBACHER (AUSTRIA)

10:50 Bone block procedures
Graham TYTHERLEIGH-STRONG (UNITED KINGDOM)

11:00 Repair of bony Bankart lesions
Hatem Galal SAID (EGYPT)

11:10 How to deal with Hill-Sachs lesions

11:20 Laterjet procedure
Laurent NOVE-JOSSERAND (FRANCE)

11:30 Multi-directional instability

11:40 Locked dislocations
Nuri AYDIN (TURKEY)

11:50 Discussion
All

14:00 - 15:30

SICOT Instructional Symposium – Elbow Pain: Arthroscopy to Arthroplasty

Moderators: Jacinto MONTEIRO (PORTUGAL), Marius M. SCARLAT (FRANCE)

14:00 How do I examine the elbow joint?
Ali CHAMSEDDINE (LEBANON)

14:10 Lateral epicondylitis
Marco SARMENTO (PORTUGAL)

14:20 Medial epicondylitis
Lee VAN RENSBURG (UNITED KINGDOM)

14:30 Elbow arthroscopy (tips and tricks)
Christian VEILLETTE (CANADA)

14:40 Arthroscopic treatment of degenerative elbow
Przemyslaw LUBIATOWSKI (POLAND)

14:50 Total elbow arthroplasty - is it successful?
Jeno KISS (HUNGARY)

15:00 Revision total elbow arthroplasty
Inho JEON (SOUTH KOREA)

15:10 Radial head arthroplasty
Inho JEON (SOUTH KOREA)

15:20 Discussion
All

16:00 - 17:30

Free Paper Session – Shoulder and Elbow (II)

Moderators: Aaron NAUTH (CANADA), Nuri AYDIN (TURKEY)

16:00 Aseptic glenoid baseplate loosening after reverse total shoulder arthroplasty: a systematic review and meta-analysis
Gazi HURI[1], Jorge ROJAS[2], Jacob JOSEPH[2], Uma SRIKUMARAN[2], Edward G. MCFARLAND[2]
[1](TURKEY), [2](UNITED STATES)

16:08 Incidence and risk factors for aseptic baseplate loosening of reverse total shoulder arthroplasty
Gazi HURI[1], Alexander BITZER[2], Jorge ROJAS[2], Ian PATTEN[2], Jacob JOSEPH[2], Edward G. MCFARLAND[2]
[1](TURKEY), [2](UNITED STATES)

16:16 Is it necessary to locate the axillary nerve in the surgical exposure during primary anatomical or reverse total shoulder arthroplasty?
Christa LIBRIZZI, Jorge ROJAS, Jacob JOSEPH, Alex BITZER, Edward MCFARLAND (UNITED STATES)

16:24 MIS (split deltoid) approach for fixation of three- and four-part proximal humerus fractures: safe and effective
Rajiv THUKRAL (INDIA)

16:32 Novel outcome predictors for reverse shoulder arthroplasty
Amila Nirmal SILVA, Denny LIE (SINGAPORE)

16:40 Short-term complications of antibiotic spacers
Gazi HURI[1], Edward G. MCFARLAND[2], Jorge ROJAS[2], Jeremy SMALLEY[2], Amrut BORADE[2], Jacob JOSEPH[2]
[1](TURKEY), [2](UNITED STATES)

16:48 Anatomic total shoulder replacement using hybrid glenoid: no evidence of glenoid loosening at a mean follow-up of 3.7 years
Ahmed A. ELSHEIKH[1], Amanda WOOD[2], Simon FROSTICK[2]
[1](EGYPT), [2](UNITED KINGDOM)

16:56 Salvage of the radial head in chronic adult Monteggia fractures
Thilak Samuel JEPEGNANAM, Abel LIVINGSTON (INDIA)

17:04 Clinical and radiographic evaluation of reverse shoulder arthroplasty with a polyethylene glenosfere: mean follow-up of five years
Giovanni ZIVERI, Carlo Felice DE BIASE, Francesco CATELLANI, Vincenzo RUGGIERO PERRINO, Vito TRIOLO, Francesca DE CARO, Luca USAI, Gennaro FIORENTINO (ITALY)

Infections | 12 October | Room 522a+b+c

08:00 - 10:00

Free Paper Session – Infections (I)

Moderators: Jamal ASHRAF (INDIA), Martin GARGAN (CANADA)

08:00 KEYNOTE LECTURE: Acetabular fractures in the elderly: the dilemma - repair or replace?
Jamal ASHRAF (INDIA)

08:15 Has the molecular era arrived? Is it time for molecular identification of bacteria by 16s rRNA bbFISH® technology in sonication fluid for the diagnosis of prosthetic joint infections?
Rares Mircea BIRLUTIU, Victoria BIRLUTIU, Razvan Silviu CISMASIU, Crina Maria POPA, Mihai Dan ROMAN, Radu FLEACA, Manuela MIHALACHE (ROMANIA)

08:23 Economic impact of an antibacterial hydrogel coating in primary joint arthroplasty: a Markov expected utility analysis
Nicola LOGOLUSO, Maria Teresa TRENTINAGLIA, Emanuela ROMANO, Carlo ROMANO (ITALY)

08:31 Aetiology and antimicrobial susceptibility of surgical site infections at Moi teaching and referral hospital, Eldoret, Kenya
Stephen OKELLO, Robert Tenge KUREMU, Barry AYUMBA, Erick RUTO, Vincent Oliver OTIENO (KENYA)

08:39 Disinfection of contaminated steel implants with an Er:YAG laser
Lukas KRIECHBAUMER, Wolfgang HAPPAK, Gerhild THALHAMMER, Klaus DISTELMAIER, Georg KAISER, Yulong TAN, Angelika KRIECHBAUMER, Sylvia NÜRNBERGER (AUSTRIA)

08:47 Antibiotic impregnated bone cement may play a role in the management of early infection after fracture fixation with retention of the implants
Xu-Sheng QIU, Xiao-Yang QI, Yi-Xin CHEN (CHINA)

08:55 A systematic review of the single-stage treatment of chronic osteomyelitis
Bethan PINCHER, Carl FENTON, Rathan JEYAPALAN, Gavin BARLOW, Hemant SHARMA (UNITED KINGDOM)

09:03 Is the spectrum of bacterial infections in open long bone fractures changing?
Livingston ABEL, Christina Mary JOSEPH, Thilak JEPEGNANAM, Boopalan RAMASAMY, Manassseh NITHYANANTH (INDIA)

09:11 Prevalence of methicillin-resistant staphylococcus aureus in paediatric osteomyelitis and septic arthritis in the last one and a half decades and its association with adverse clinical outcome
Mohit JAIN, Vinitha SHENAVA, Viachaslau BRADKO, David LIU (UNITED STATES)

09:19 Serum silver levels after implantation of silver-coated megaprostheses for periprosthetic joint infections
Joerg FRIESENBICHIER, Werner MAURER-ERTL, Mathias GLEHR, Maria SMOLLE, Marko BERGOVEC, Walter GOESSLER, Andreas LEITHNER (AUSTRIA)

09:27 Comparative study of antibiotic-coated nailing versus circular external fixator in patients with infected nonunions of lower extremity long bones
Pavel VOLOTOVSKI, Alexandre SITNIK, Alexander BELETSKY (BELARUS)

09:35 Review of Stimulan use in bone infection and its outcome
Ibrahim Ahmed Khalil IBRAHIM, Matthew SEAH, Newton AYLA, Stephen MCDONNELL (UNITED KINGDOM)

09:43 How reliable is the cell count analysis in the diagnosis of prosthetic joint infection?: a prospective study
Thorsten GEHRKE[1], Mustafa CITAK[1], Christian LAUSMANN[1], Tommaso BONANZINGA[2], Akos ZAHAR[1]
[1](GERMANY), [2](ITALY)

09:51 Study of soft-tissue interface in implant removal cases
Anurag CHANDRAKAR (INDIA)

10:30 - 12:00

SICOT Instructional Symposium – Current Concepts in the Management of Osteomyelitis

Moderators: Ferdinando Da Rin De LORENZO (ITALY), Pietro RUGGIERI (ITALY)

10:30 The effect of alpha-tricalcium phosphate impregnated with antibiotics
Hiroyuki TSUCHIYA (JAPAN)

10:40 Growth disturbances following osteomyelitis
Ashok JOHARI (INDIA)

10:50 Treatment of chronic osteomyelitis metaphyseal part of long bones using the bag bone alive
Chingiz ALIZADEH (AZERBAIJAN)

11:00 Challenges in the treatment of femoral osteomyelitis
Nazri Mohd YUSOF (MALAYSIA)

11:10 Infection and bone healing (the role of internal fixation)
Khaled EMARA (EGYPT)

11:20 A modified cement spacer technique for infected total hip arthroplasties with significant bone loss
Oleg SAFIR (CANADA)

11:30 Single-stage revision for chronic infections in hip and knee arthroplasty
Thomas TURGEON (CANADA)

11:40 Osteomyelitis reconstruction
John Norgrove PENNY (CANADA)

11:50 Discussion
All

14:00 - 15:30

SICOT Instructional Symposium – Use and Prevention of Infection in the Mega Prosthesis and What's New in Tuberculosis?: An Update from Around the World

Moderators: Pietro RUGGIERI (ITALY), Ferdinando Da Rin De LORENZO (ITALY), Alessandro GASBARRINI (ITALY)

14:00 Prevention of infection in the use of mega prosthesis
Rodolfo CAPANNA (ITALY)

14:10 Use of the mega prosthesis in infection of the bone with big substance loss
Giorgio Maria CALORI (ITALY)

14:20 Treatment in peri-mega prosthesis infection
Pietro RUGGIERI (ITALY)

14:30 Discussion
All

14:40 The tuberculosis situation in the world
Ferdinando Da Rin De LORENZO (ITALY)

14:48 Surgical treatment of spinal tuberculosis
Alessandro GASBARRINI (ITALY)

14:56 Selection of surgical approach in spinal tuberculosis - an experience of 663 cases
Shah ALAM (BANGLADESH)

15:04 Childhood spinal tuberculosis versus adult spinal tuberculosis
Shanmuganathan RAJASEKARAN (INDIA)

15:12 Can calcitonin reduce the incidence of surgery in selected cases of tuberculosis spine and help fast recovery?
Vijay KHARIWAL (INDIA)

15:20 Discussion
All

16:00 - 17:30

Free Paper Session – Infections (II)

Moderators: Ferdinando Da Rin de LORENZO (ITALY), Guenter LOB (GERMANY)

16:00 Long-term clinical safety study: an antibacterial hydrogel coating of osteosynthesis implants
Nicola LOGOLUSO, Sara SCARPONI, Lorenzo DRAGO, Carlo Luca ROMANO (ITALY)

16:08 Tubercular spondylodiscitis associated psoas abscess in patients with intact neurology: a suggested 'triad' protocol for a diagnostic and therapeutic approach
Kashif AKHTAR AHMED, Bhaskar BORGOHAIN, Tashi GALEN KHONGLAH, Wanlam KHONGWIR (INDIA)

16:16 Inappropriate measurement of postoperative C-reactive protein in elective orthopaedic cases: a clinical audit
Panteleimon TSANTANIS, Thomas KWAN, Katie HUTCHINSON, Wolfgang WAGNER (UNITED KINGDOM)

16:24 Masquelet technique for management of large bone defects with chronic osteomyelitis
Arpit SINGH, Sanjiv KUMAR (INDIA)

16:32 Complex gap nonunion treatment by LRS
Rakesh SHARMA (INDIA)

16:40 Preoperative S. Aureus screening and decolonisation protocol as an effective strategy to decrease deep infection rate in total joint replacement patients
Daniel Mark TUSHINSKI, Justin DE BEER, Dominik MERTZ, Danielle PETRUCCELLI, Alberto ROMERO-PALACIOS, Piccirillo LIZ, Mitch WINEMAKER (CANADA)

16:48 Does early debridement in open fractures result in less complications?: a prospective study in a tropical setting
Christina Marie JOSEPH, Thilak Samuel JEPEGNANAM, Boopalan RAMASAMY, Vinoo Mathew CHERIAN, Manasseh NITHYANANTH, Thambu David SUDARSANAM, Prasanna PREMKUMAR (INDIA)

16:56 Bone transport versus Masquelet for infected nonunion fracture shaft femur: do we have an answer?
Naveen MITTAL, Parmanand GUPTA, Sandeep GUPTA, Anubhav MALHOTRA (INDIA)

17:04 Enhanced bone healing of Gustilo III severe open long bone fractures treated by immediate antibiotic-formulated bone grafting
Moshe SALAI[1], Ely SHTEINBERG1, Asaf AKER[1], Bodi ESTRADA[2], Snir HELLER[1], Noam EMANUEL[1], Doron NORMAN[1]
[1](ISRAEL), [2](PHILLIPINES)

17:12 Prosthetic joint infections: is guideline-consistent surgical treatment beneficial?
Harman CHAUDHRY, Mitch WINEMAKER, Dominik MERTZ, Danielle PETRUCCELLI, David James HARRIS, Tim O'SHEA, Justin DE BEER (CANADA)

17:20 Non-invasive diagnostic of periprosthetic joint infection by urinary peptide markers
Mohamed OMAR, Christian KRETTEK, Henning WINDHAGEN, Max ETTINGER (GERMANY)

Paediatrics | 12 October | Room 524a

08:00 - 10:00

Free Paper Session – Paediatrics (II)

Moderators: Patricia FUCS (BRAZIL), Gamal HOSNY (EGYPT)

08:00 KEYNOTE LECTURE: Non-idiopathic clubfoot: from the beginning to the end
Patricia FUCS (BRAZIL)

08:15 Outcomes of modified reverse step-cut osteotomy in cubitus varus deformity
Karthick RANGASAMY, Nirmal Raj GOPINATHAN (INDIA)

08:23 Nonoperative management of Type II supracondylar humerus fractures in children: a prospective comparative study
Emily SCHAEFFER, Eva HABIB, Tammie TEO, Sasha CARSEN, Kishore MULPURI, Christopher REILLY (CANADA)

08:31 Comparison of efficacy of above elbow pop versus below elbow pop in distal forearm displaced fractures in children
Rahman Rasool AKHTAR, Junaid KHAN, Riaz AHMED (PAKISTAN)

08:39 The Stanmore triangle of paediatric shoulder instability: triangle or diamond? A service evaluation conducted at the Royal Manchester Children's Hospital
Charlotte PEDLEY (UNITED KINGDOM)

08:47 A modified triangle tilt osteotomy with anterior subscapularis release and teres major transfer for shoulder internal rotation contracture due to obstetric brachial plexus palsy
Abdelsalam EID, Ahmed MASHHOUR GABER (EGYPT)

08:55 Lengthening in congenital radial club hand type IV
Ahmad ALLAM (EGYPT)

09:03 The development of a novel advanced practice physiotherapy triage service in paediatric orthopaedics: innovation and collaboration to improve service delivery
Marie O MIR, Catherine BLAKE, Olive LENNON, Cliona O'SULLIVAN, David MOORE (IRELAND)

09:11 Assessment of residual limb-length discrepancy following percutaneous epiphysiodesis
Panagiotis (Peter) GLAVAS, Guy GRIMARD, Gurjoyt BILKHOO, Anne-Laure MÉNARD, Marie-André CANTIN (CANADA)

09:19 Is 'close' radiographic follow-up really necessary in the non-operative management of paediatric humeral supracondylar fractures?
Ady ABDELHAQ, Kichan JETHWA, Anish SANGHRAJKA (UNITED KINGDOM)

09:27 Our experience of temporary epiphysiodesis for correction of angular limb deformities in children
Boyan HRISTOV, Nikolay DIMITROV, Kircho PATRIKOV (BULGARIA)

09:35 Blount's disease: the mystery of implant failure still persists with 8-plate guided hemiepiphysiodesis
Mohit JAIN, David LIU, Viachaslau BRADKO, Phillips WILLIAM (UNITED STATES)

10:30 - 12:00

SICOT Instructional Symposium – Trauma Management in Adolescents

Moderator: Patricia FUCS (BRAZIL)

10:30 Clavicle fractures
Scott ROSENFELD (UNITED STATES)

10:43 Femur fractures
John DORMANS (UNITED STATES)

10:56 Medical epicondyle
Krishna VEMULAPALLI (UNITED KINGDOM)

11:09 Supracondylar fractures
Patricia FUCS (BRAZIL)

11:22 Pink pulseless supracondylar fractures
Evelyn KUONG (HONG KONG)

11:35 Forearm fractures
Matthew DOBBS (UNITED STATES)

11:48 Discussion
All

14:00 - 15:30

SICOT Instructional Symposium – Paediatrics: Syndromes, Dysplasia and Acquired Limb Deformities

Moderator: Mihir THACKER (UNITED STATES)

14:00 Guided growth in syndromes
Gamal HOSNY (EGYPT)

14:15 Elbow deformities in multiple osteochondromatosis
Saw AIK (MALAYSIA)

14:30 An algorithm for management of lower limb deformities post-growth plate arrest
Reggie HAMDY (CANADA)

14:45 Post-infective angular deformities
Ashok JOHARI (INDIA)

15:00 Post-infective angular deformities
John Norgrove PENNY (CANADA)

15:15 Benign bone lesions
Bulent EROL (TURKEY)

16:00 - 17:30

ARTOF

Partner Society Symposium – ARTOF: Innovations in the Treatment of Proximal Tibia Fractures

Moderators: Marc HANSCHEN (GERMANY), James WADDELL (CANADA)

16:00 Classification and conservative treatment options of proximal tibia fractures
Joseph SCHATZKER (CANADA)

16:12 Preoperative planning and surgical approaches for proximal tibia fractures
Jason STRELZOW (UNITED STATES)

16:24 Plate osteosynthesis of proximal tibia fractures - evolution of angular stable plates
Peter BIBERTHALER (GERMANY)

16:36 Management of bone voids in proximal tibia fractures
Arindam BANERJEE (INDIA)

16:48 Strategies for complex proximal tibia fractures
Marc HANSCHEN (GERMANY)

17:00 Case presentations and panel discussion
All

Miscellaneous | 12 October | Room 524b

10:30 - 12:00

SICOT Instructional Symposium – 7th Montreal Knee Day

Moderators: Pierre RANGER (CANADA), Julio C. FERNANDES (CANADA)

10:30 Platelet-rich plasma, bone marrow aspirate concentrate and orthobiologics of all sorts for that difficult osteoarthritis knee with no surgical indication
Julio C. FERNANDES (CANADA)

10:45 The young osteoarthritis knee and the anatomical total knee arthroplasty designs - how to mimic mother nature
Francois MORIN (CANADA)

11:00 Successful same-day discharge of a total knee arthroplasty patient - how do you do it in your country?
Vincent MASSÉ (CANADA)

11:15 Patellofemoral joint arthroplasty at any age - a jack-of-all-trades?
Jean-François JONCAS (CANADA), Serge TOHMÉ (CANADA)

11:30 I'm missing cartilage on my knee - doctor, can I play soccer again?
Panagiotis (Peter) GLAVAS (CANADA), Hugo VIENS (CANADA)

11:45 Internal brace, allografts, stem cells, you name it! What else can I do for that difficult revision anterior cruciate ligament?
François VÉZINA (CANADA), Marie-Lyne NAULT (CANADA)

11:58 Acknowledgements and final remarks
Julio C. FERNANDES (CANADA)

14:00 - 15:30

Partner Society Symposium – APOA: Shaping a Successful Orthopaedic Career

Moderators: Nitesh GOGI (UNITED KINGDOM), Sureshan SIVANANTHAN (MALAYSIA)

14:00 Introduction and outline of the session
Jamal ASHRAF (INDIA)

14:02 Knowledge is power - the importance of in-depth learning in orthopaedics
Sureshan SIVANANTHAN (MALAYSIA)

14:12 Skill is strength - the importance of fine tuning your surgical skills
Cyril MAUFFREY (UNITED STATES)

14:22 Lessons learnt - the first 15 years of my practice
Shah Alam KHAN (INDIA)

14:32 Failed treatment syndrome - tips on managing the unhappy patient
Keith LUK (HONG KONG)

14:42 Setting priorities - work life balance for the young surgeon
Shanmuganathan RAJASEKARAN (INDIA)

14:52 Planting relations - importance of networking in the growth of your professional career
Frankie Ka Li LEUNG (HONG KONG)

15:02 Lead to excel - the importance of leadership in one's career
Saw AIK (MALAYSIA)

15:12 Be wise or be otherwise – tips on making a good scientific presentation
Jamal ASHRAF (INDIA)

15:22 Discussion
All

Miscellaneous | 12 October | Room 524c

10:30 - 12:00

SICOT Instructional Symposium – Microsurgery Symposium

Moderators: Marko BUMBASIREVIC (SERBIA), Frederic SCHUIND (BELGIUM)

10:30 Introduction
Marko BUMBASIREVIC (SERBIA)

10:32 Training tomorrow's orthopaedic microsurgeons for underdeveloped regions
Qingtang ZHU (CHINA)

10:42 Nerve transfers for reanimation of elbow extension
Jean-Noel GOUBIER (FRANCE)

10:52 Bone healing and vascularised bone/periosteal grafts
Frederic SCHUIND (BELGIUM)

11:02 Free vascularised medial femoral condyle flap for reconstruction of upper limb bone defects
Ahmad ADDOSOOKI (EGYPT)

11:12 Using vascularised interosseous graft for SL and RSL reconstruction or sural flap for LL soft-tissue reconstruction
Margaret FOK (HONG KONG)

11:22 Indication and techniques for perforator flaps
Alexandru V GEROGESCU (ROMANIA)

11:32 Recent indications of microsurgery in paediatric orthopaedic surgery
Satoshi TOH (JAPAN)

11:42 State-of-the-art of bionic limbs
Marko BUMBASIREVIC (SERBIA)

14:00 - 15:30

AORECON

Partner Society Symposium – AORecon: Current Solutions for Periprosthetic Hip Fractures

Moderators: Carsten PERKA (GERMANY), Matthew ABDEL (UNITED STATES)

14:00 Welcome and introduction
Carsten PERKA (GERMANY)

14:05 Epidemiology, risk factors, challenges, outlook and classification of periprosthetic hip fractures
Chun Hoi YAN (HONG KONG)

14:15 Periprosthetic fractures around the acetabulum
Carsten PERKA (GERMANY)

14:25 Periprosthetic fractures around the femur
Michael HUO (UNITED STATES)

14:35 Complications in treating periprosthetic fractures around the hip
Matthew ABDEL (UNITED STATES)

14:45 Discussion
All

15:00 Case discussions

16:00 - 17:30

AORECON

Partner Society Symposium – AORecon: Periprosthetic Joint Infections

Moderators: Carsten PERKA (GERMANY), Michael HUO (UNITED STATES)

16:00 Welcome and introduction
Michael HUO (UNITED STATES)

16:05 The prevention of periprosthetic joint sepsis
Michael HUO (UNITED STATES)

16:14 The diagnosis of periprosthetic infection – new developments
Carsten PERKA (GERMANY)

16:23 The role of debridement and implant retention
Matthew ABDEL (UNITED STATES)

16:32 Management algorithms and the role of single-stage surgery
Carsten PERKA (GERMANY)

16:41 Managing the interval and reimplantation in staged revision
Michael HUO (UNITED STATES)

16:50 Future strategies for periprosthetic infection management
Matthew ABDEL (UNITED STATES)

16:59 Case discussions

Miscellaneous | 12 October | Room 525a

07:00 - 08:00

SICOT Instructional Symposium – Young Surgeons Committee: Virtual Workshop: How to Search Literature

Moderators: Fatih KUCUKDURMAZ (TURKEY), Mohamed SUKEIK (UNITED KINGDOM)

07:00 Conducting a winning literature search
Femi AYENI (CANADA)

07:10 Cochrane
Mohamed SUKEIK (UNITED KINGDOM)

07:20 Google Scholar
Tunay ERDEN (TURKEY)

07:30 PubMed
Fatih KUCUKDURMAZ (TURKEY)

07:40 Web of Science
Karadi H. SUNIL KUMAR (UNITED KINGDOM)

07:50 Scopus
Aju BOSCO (INDIA)

08:00 - 10:00

SICOT Instructional Symposium – Medical Writing

Moderators: Marius M SCARLAT (FRANCE), Cyril MAUFFREY (UNITED STATES)

08:00 International Orthopaedics in 2018
Marius M. SCARLAT (FRANCE)

08:20 Why I enjoy writing scientific papers
James WADDELL (CANADA)

08:40 The value and visibility of a published paper
Cyril MAUFFREY (UNITED STATES)

09:00 Proper medical English in academic orthopaedics
Andrew QUAILE (UNITED KINGDOM)

09:20 The evolution of the Chinese orthopaedic journals
Yong CHENG HU (CHINA)

09:40 What is a good paper from the publisher's point of view?
Gabriele SCHROEDER (GERMANY)

10:30 - 12:00

SICOT Instructional Symposium – Reviewer's Course and Workshop

Moderators: Andrew QUAILE (UNITED KINGDOM), Andreas MAVROGENIS (GREECE)

10:30 How to evaluate reviews and reviewers
Andreas MAVROGENIS (GREECE)

10:45 My preferred method to review a paper
Francesco FALEZ (ITALY)

11:00 Special issues in orthopaedic journals - choosing the best reviewers
Marko BUMBASIREVIC (SERBIA)

11:15 Is a good author a good reviewer?
Phillipe HERNIGOU (FRANCE)

11:30 Reviewer selection and continuous medical education
Jing SUN (CHINA)

11:45 Open access publications and review procedure
Hatem Galal SAID (EGYPT)

16:00 - 17:30

SICOT Instructional Symposium – Leadership and Education: Training the Next Generation

Moderators: Ashok JOHARI (INDIA), Mohamed SUKEIK (UNITED KINGDOM)

16:00 Innovating education
Ashok JOHARI (INDIA)

16:08 Newer technology in training
Frankie Ka Li LEUNG (HONG KONG)

16:16 What do trainees want?
Mohamed SUKEIK (UNITED KINGDOM)

16:24 Objectives: the key to successful implementation of the SICOT curriculum
Richard GROSS (UNITED STATES)

16:32 Training the trainers
Gautam CHAKRABARTY (UNITED KINGDOM)

16:40 Evaluating learning and teaching
Marc PATTERSON (UNITED KINGDOM)

16:48 Competence by design
Markku NOUSIAINEN (CANADA)

16:56 Discussion
All

Short Free Papers | 12 October | Room 518c

08:00 - 10:00

Short Free Paper Session – Foot and Ankle

Moderators: Gowreeson THEVENDRAN (SINGAPORE), Moez BALLAL (UNITED KINGDOM)

08:00 Neurectomy versus dorsal transposition for interdigital neuroma: a comparative study
Chan KANG, Deuk-Soo HWANG, Jung-Mo HWANG, Gi-Soo LEE, Dong-Hun KANG, Jae-Hwang SONG, Dongyeol KIM, Jung-Kil LEE, Gangwon SEO, Seok-Hwan SONG, Dong-Hwan KIM (SOUTH KOREA)

08:05 The value of axial loading 3D-CT as a substitute for full weight-bearing (standing) 3D-CT: comparison of reproducibility according to degree of load
Chan KANG, Deuk-Soo HWANG, Jung-Mo HWANG, Gi-Soo LEE, Dong-Hun KANG, Jae-Hwang SONG, Dongyeol KIM, Jung-Kil LEE, Gangwon SEO, Bo-Sung CHOI (SOUTH KOREA)

08:10 A five-year retrospective audit of posterior malleolar fractures
Andrew GARDNER, Waheeb AL-AZZANI, Paul HODGSON (UNITED KINGDOM)

08:15 A cross-sectional study regarding prevalence estimations of forefoot deformities in 3424 adults
Ugur SAYLI[1], Jnev BIROS[2], Tolga AKYOL[1], Budak AKMAN[1], Elif Cigdem ALTUNOK[1], Ayse SAYLI[1], Melih GUVEN[1], Burak AKSU[1]
[1](TURKEY), [2](UNITED STATES)

08:20 Surgical treatment of hallux valgus combining soft-tissue intervention and proximal domus osteotomy of the first metatarsal
Georgios Gr. PAPADOPOULOS[1], Ioannis KANAKAKIS[1], Anastasios TAKKAS[1], Grigorios IOANNIDIS[1], Angeliki PAPADOPOULOU[2]
[1](GREECE), [2](ITALY)

08:25 Plantar fasciitis: intralesional steroid injections versus intralesional autologous blood injections
Umar LIAQAT (PAKISTAN)

08:30 Treatment of heel syndrome by local infiltration to the lateral plantar nerve and medial calcaneal nerve
Atallah NASER (JORDAN)

08:35 Synthetic cartilage replacement for first metatarsophalangeal arthritis: a case series
Nachappa Sivanesan UTHRARAJ[1], Henry Dushan Edward ATKINSON[2], Garcia Barrecheguren ELENA[2]
[1](INDIA), [2](UNITED KINGDOM)

08:40 Adult unstable ankle fractures: effects of delayed fixation on the outcomes and complications
Terin THOMAS (UNITED KINGDOM)

08:45 Post-traumatic arthritic infected ankle: Ilizarov arthrodesis as a salvage procedure
Elsayed SAID, Ahmed ADDOSOOKI (EGYPT)

08:50 Ultrasound-guided nerve block versus general anaesthesia for below knee amputation: a comparative study
Chan KANG, Deuk-Soo HWANG, Jung-Mo HWANG, Gi-Soo LEE, Dong-Hun KANG, Jae-Hwang SONG, Dongyeol KIM, Jung-Kil LEE, Gangwon SEO, Kijun AHN, Dong-Hwan KIM (SOUTH KOREA)

08:55 Online patient resources for ankle instability: an objective analysis of available materials
Mostafa ABOUSAYED, Jason TARTAGLIONE, Samuel ZONSHAYN, Christopher JOHNSON, Andrew ROSENBAUM (UNITED STATES)

09:00 Complex foot and ankle deformities: management with Ilizarov methodology, our results and experience
Praveen Kumar BIRRU[1], Vasuki VALMIKI RANGACHAR[1], Vara Prasad Reddy VENNAPUSA[1], Xavier MANUBENS BERTRAN[2], Abhilash Goud BENAKAL[1], Siddaratha Reddy DINNEPALLI[1], Akbar Basha PALAGIRI[1]
[1](INDIA), [2](SPAIN)

09:05 Functional outcome of post-hind foot arthrodesis based on new algorithm in Charcot arthropathy
Mohd Yazid BAJURI, Kuharajan RAMALINGAM, Ohnmar ISMAIL, Brenda Saria YULIAWIRATMAN (MALAYSIA)

09:10 Management of malunited Pilon fractures with joint-sparing osteotomy
Guangrong YU, Mingzhu ZHANG (CHINA)

09:15 Two-year outcomes of the infinity total ankle replacement
Toby JENNISON, Marais CHRISTOFF, Sharpe IAN, Hughes ADRIAN, Talbot NICK (UNITED KINGDOM)

09:20 Treatment of hallux valgus using the Isham Reverdin percutaneous technique: a personal series of 368 Moroccan cases
Ali EL KOHEN (MOROCCO)

09:25 Effect of exercise bands on lower extremity venous flow during active ankle exercise for prophylaxis of deep vein thrombosis
Kouji TSUDA, Naonobu TAKAHIRA, Kenta SAKAI, Takahashi YOSHIKI (JAPAN)

09:30 Trends in treatment of hallux valgus: a survey-based study
J. Turner VOSSELLER, Peter NOBACK, David P. TROFA (UNITED STATES)

09:35 Malnutrition in the clubfoot patient: prevalence and its impact on the Ponseti technique in Karachi, Pakistan
Muhammad MUZZAMMIL (PAKISTAN)

09:40 Surgical treatment of symptomatic flexible flat foot in skeletally immature patients: study of about 70 feet, result at the end of growth
Amel DJERBAL, Yousria AKLOUL, Samir TEBANI, Nazim SIFI, Nasereddine ROUAG, Ahmed Faouzi NEDJAHI (ALGERIA)

10:30 - 12:00

Short Free Paper Session – Spine

Moderators: Alexandre BELETSKY (BELARUS), Cody BUNGER (DENMARK)

10:30 Does a web-based spine platform featuring social interaction and animated information affect patient-reported outcomes in patients undertaking lumbar spine fusion surgery?: a randomised clinical trial
Malene LAURSEN, Janni STRØM, Claus Vinther NIELSEN, Lene Bastrup JØRGENSEN (DENMARK)

10:35 Hemitlif: analysis and outcome
Subramaniam MACHERLA HARIBABU, Murali VENKATESAN, Sajan Karmekar HEGDE (INDIA)

10:40 The role of MRI nerve root sedimentation sign in the evaluation of degenerative and combined lumbar stenosis surgical treatment results
Konstantin DYACHKOV, Sergey LYULIN, Galina DYACHKOVA (RUSSIA)

10:45 Is polymethylmethacrylate-augmented pedicle screw fixation safe for spinal tuberculosis patients with severe osteoporosis?: a case series with a five-year follow-up
Peng LIU, Yang JUN-SONG, Liu TUANJIANG, Hao DING-JUN (CHINA)

10:50 MRI findings in advanced tuberculous and pyogenic spondylitis
Mohamed El-Sayed ABDEL-WANIS, Nahla M. HASSAN (EGYPT)

10:55 Predictive factors to differentiate between pyogenic and tuberculous spondylodiscitis: retrospective case control study
Pongsthorn CHANPLAKORN, Chirtwut SOMBOONPRASERT, Siriorn WATCHARANANAN, Suphaneewan JAOVISIDHA, Sakda Arj-Ong VALLIPAKORN (THAILAND)

11:00 Rapid body-weight reduction prior to lumbar fusion surgery associated with poorer postoperative outcomes
Hayeem RUDY, Woojin CHO, Sandip TARPADA, Jayson LIAN (UNITED STATES)

11:05 Postoperative pelvic incidence change may impact sagittal spinopelvic alignment after adult spine deformity instrumented surgery
Vikas PATEL, Christopher KLECK, Christopher CAIN, Francisco RODRIGUEZ FONTAN, Andriy NOSHCHENKO, Evalina BURGER (UNITED STATES)

11:10 Vitamin D levels and low back pain in patients presenting to a tertiary care hospital
Rahman Rasool AKHTAR, Junaid KHAN, Riaz AHMED (PAKISTAN)

11:15 Early treatment outcome of lumbar spinal canal stenosis in a resource scarce environment
Temiloluwa OLUFEMI, Oluwole IGE, Bright IGBINOBA, Ishaq OJODU (NIGERIA)

11:20 Correlation of spinopelvic alignment and functional outcome of patients who underwent lumbar fusion
Neil Alvin LEAL, Ferdinand BERNAL (PHILIPPINES)

11:25 Mini-open sacroiliac joint fusion with direct bone grafting and minimally invasive fixation using intraoperative navigation
Vikas PATEL, Andrew CLEVELAND III, Derek NHAN, Christopher KLECK, Andriy NOSHCHENKO (UNITED STATES)

11:30 Clinical outcomes of an optimised vertebroplasty method in patients with osteolytic spinal lesions
Mikalai CHUMAK (BELARUS)

11:35 Use of 3D printing model for surgical correction of syndromatic scoliosis: an experience in Argentina
Flavio Cesar IVALDE, Marcelo MELO, Andrés FERRERO, Aldo VIOLA, Juan RODRIGUEZ, Roberto ESPAGNOL (ARGENTINA)

11:40 Neuropathic medication: a cause of urinary symptoms mimicking cauda equina syndrome
Qasim AJMI, Qasim AJMI, Jill BILLINGTON, Alex BAKER, Manoj KHATRI (UNITED KINGDOM)

11:45 Evaluation of healed status in tuberculosis of spine by FDG-PET/CT and contrast MRI
Samarth MITTAL, Anil JAIN, Kanti Lal CHAKRABORTI, Aditya N. AGGARWAL, Himanshu BHAYANA (INDIA)

11:50 Intrawound application of vancomycin changes the responsible germ in elective spine surgery without significant effect on the rate of infection: a randomised prospective study
Amirreza FARHOUD[1], Babak MIRZASHAHI[1], Mammad Reza CHEHRASAN[2], S.M. Javad MORTAZAVI[1], [1](IRAN), [2](ITALY)

11:55 Idiopathic escoliosis of adolescents and similar: new tool for global measurement of the coronal plane
Enguer Beraldo GARCIA (BRAZIL)

14:00 - 15:30

Short Free Paper Session – Research

Moderators: Andrew MCCASKIE (UNITED KINGDOM), Michael PETERSEN (DENMARK)

14:00 Tranexamic acid reduces hidden blood loss in the treatment of intertrochanteric fractures with PFNA: a single-centre randomised controlled trial
Ping LIU, Cong YUXUAN, Lei JINLAI, Zhang BINFEI, Zhuang YAN (CHINA)

14:05 Effects of mechanical loading on the degradability and mechanical properties of the nanocalcium-deficient hydroxyapatite–multi (amino acid) copolymer composite membrane tube for guided bone regeneration
Li MIN, Duan HONG (CHINA)

14:10 Coccygodynia: aetiology and pathogenesis
Mikalai CHUMAK, Zinaida YAHORAVA, Andrei BABKIN (BELARUS)

14:15 Movement of the talus between the distal tibia and fibula
Philip KALLER, Hans Gunther CLEMENT (AUSTRIA)

14:20 Applied bioinformatic evaluation of microRNAs associated with intervertebral disc degeneration reveals two distinct functional classes of miRNA targets
Cong LIN, Zhao XIN (CHINA)

14:25 Reporting of needle stick injuries among surgeons of tertiary care hospitals in Lahore
Syed Faraz Ul Hassan Shah GILLANI, Rana Dilawaiz NADEEM, Muhammad AKHTAR (PAKISTAN)

14:30 Progranulin is required for estrogen effect on postmenopausal osteoporosis
Guangfei LI[1], Youjia XU[1], Chuanju LIU[2] [1](CHINA), [2](UNITED STATES)

14:35 Safety and bactericidal effect of 222-nm ultraviolet irradiation
Tomoaki FUKUI, Takahiro NIIKURA, Takahiro ODA, Yohei KUMABE, Keisuke OE, Ryosuke KURODA (JAPAN)

14:40 OHA-COL II biomimetic gel combined with autologous concentrated bone marrow cell for cartilage defect repair of the minipig
Jun-Li LIU (CHINA)

14:45 Learning curves: the importance of understanding how we develop operative techniques and skill
Epaminondas VALSAMIS, Christopher O'DOWD-BOOTH, David RICKETTS, Adnan HUSSAIN, Amir-Reza JENABZADEH (UNITED KINGDOM)

14:50 Primary stability of tibial plateaus under dynamic compression shear loading in human tibias: influence of keel length, cementation area and tibial stem
Thomas M. GRUPP[1], Khaled SALEH[2], Andreas PFAFF[1], Christoph SCHILLING[1], Christian SCHROEDER[1], William MIHALKO[2] [1](GERMANY), [2](UNITED STATES)

14:55 Do TNF-R2, TLR-4 AND IL-10 modulate the activation of CD4+ T regulatory cells following trauma?
Marc HANSCHEN, Matthias BOCK, Christian BERGMANN, Peter BIBERTHALER, Martijn VAN GRIENSVEN (GERMANY)

15:00 Comparison of serum bone specific alkaline phosphatase levels in operative and nonoperative treatment of closed tibial diaphyseal fractures
Sudhir KUMAR, Divyanshu DWIVEDI (INDIA)

15:05 Use of incisional negative pressure wound therapy dressings in non-theatre setting for all lower limb arthroplasty procedures: specialist elective orthopaedic hospital experience
Sheethal Prasad PATANGE SUBBA RAO, Sudhir KARLAKKI (UNITED KINGDOM)

15:10 Kartogenin-incorporated multifunctional hyaluronic acid coated ultra-small ceria nanoparticles used for osteoarthritis treatment
Wei-Nan ZENG, Fu-You WANG, Liu YANG (CHINA)

16:00 - 17:30

Short Free Paper Session – Hip

Moderators: Rob NELISSEN (NETHERLANDS), Anant MAHAPATRA (IRELAND)

16:00 KEYNOTE LECTURE: New technology and patient safety - lessons from registries and migration studies
Rob NELISSEN (NETHERLANDS)

16:15 The effect of late radiotherapy on the progression of heterotopic ossification following total hip arthroplasty
Michael TANZER, Mina MORCOS, Karen SMITH (CANADA)

16:20 Rotational acetabular osteotomy versus transtrochanteric curved varus osteotomy for dysplastic hip osteoarthritis
Shunji NAKANO, Tadahiro HIGUCHI, Shinji YOSHIOKA, Masaru NAKAMURA, Koichi SAIRYO (JAPAN)

16:25 Novel treatment of avascular necrosis of the femoral head with platelet-rich plasma for good functional outcome
Aditya K. AGGARWAL, K. POORNALINGAM, Neelam MARWAHA, Mahesh PRAKASH (INDIA)

16:30 Is there a role for hip arthroscopy in Tönnis II patients with femoroacetabular impingement?
Mohamed ABD EL-RADI[1], Oliver MARIN-PEÑA[2], Jesús MÁS MARTÍNEZ[2], Javier SANZ-REIG[2], Ricardo LARRAINZAR-GARIJO[2], Hatem Galal SAID[1], Mohamed ABDEL HAMID MORSY[1], Hesham EL-KADY[1], Raúl TORRES-EGUIA[2], Juan RIBERA ZABALBEASCOA[2]
[1](EGYPT), [2](SPAIN)

16:35 Impaction bone grafting: a novel technique in the treatment of neglected and nonunion neck of femur fractures
Dheenadhayalan JAYARAMARAJU (INDIA)

16:40 Indication and results of the dual mobility cup in THA
Mourad OUBIRA, Mourad HAMIDANI (ALGERIA)

16:45 Dislocation rate of THA in patients with neck of femur fractures: the five-year major trauma centre experience
Nameer CHOUDHRY, Georgios CHONDROGIANNIS, Liew IGNATIUS, Ben KAPOOR, Paul CARTER (UNITED KINGDOM)

16:50 Different bearings on each side have a different incidence of infection in patients with bilateral THA
Philippe HERNIGOU, Charles-Henri FLOUZAT-LACHANIETTE, Arnaud DUBORY (FRANCE)

16:55 Mid-term results of prefabricated porous coated flanged acetabular cups in revision total hip arthroplasty with massive acetabular defects
Chandra Shekhar YADAV, Sumit ANAND, Samarth MITTAL, Nishikant KUMAR (INDIA)

17:00 Differentiated hip replacement in patients with rheumatoid arthritis
Saodat ASILOVA, Abror AZIZOV (UZBEKISTAN)

17:05 Capsulectomy or capsule repair?: histopathological evidence of anterior capsule disease in hip joints undergoing elective total hip replacement
Peter DAWSON, Lisa DUNNE, Evelyn MURPHY, Christopher FENELON, Colum DOWNEY, Michael LEONARD (IRELAND)

17:10 Modified anterolateral surgical approach in total hip replacement
Mikheil ZIMLITSKI (GEORGIA)

17:15 Arterial intimal damage in direct anterior total hip arthroplasty: report of four cases
S.M. Javad MORTAZAVI, Amir KAZEMI MAHLISHA (IRAN)

Trauma | 13 October | Room 517d

08:00 - 10:00

SICOT Instructional Symposium – Geriatric Fractures: A COTS Session

Moderators: Ross K. LEIGHTON (CANADA), Reinhard SCHNETTLER (GERMANY)

08:00 Short debate - why I never use cement augmentation
Jordan SAVESKI (MACEDONIA)

08:15 Short debate - why I feel that cement augmentation is useful

08:30 The importance of early surgery in senior patients with hip fractures
Gershon VOLPIN (ISRAEL)

08:45 Acute total hip arthroplasty in geriatric acetabular fractures
Ross K. LEIGHTON (CANADA)

09:00 Ankle fracture in old and diabetic patients
Khaled EMARA (EGYPT)

09:15 Periprosthetic fractures of the femur
Tomas TRC (CZECH REPUBLIC)

09:30 Failures following internal fixation of proximal humeral fractures
Mohamed RASHED (LIBYA)

09:45 Video presentation - orthogeriatric co-management

10:30 - 12:00

Free Paper Session – Trauma (Upper Limb)

Moderators: Daniel WHELAN (CANADA), Sergio FRANCO (BRAZIL)

10:30 Prospective randomised controlled trial comparing the functional outcome of olecranon osteotomy versus triceps tongue elevation for surgical exposure of distal humerus in adults
Rajiv MAHARJAN, Asish RAJAK, Bikram Prasad SHRESTHA, Pashupati CHAUDHARY, Rosan SHAH (NEPAL)

10:38 Comparison between traction-counter traction and modified scapular manipulation for reduction of shoulder dislocation in terms of reduction time
Muhammad SHERAZ, Muhammad Nabeel SABIR, Muhammad Omer KALEEM, Bilal KHALID, Umer Zia WARRAICH (PAKISTAN)

10:46 Conservative management compared with plate fixation of displaced midshaft clavicular fractures: a prospective randomised controlled trial
Vijay GONI (INDIA)

10:54 Does the non-reconstructable radial head fracture exist?
Ihab ABBAS, Husam RAHMEH (UNITED ARAB EMIRATES)

11:02 A modified Masquelet technique for the forearm infected segmental bone loss
Ahmad ALLAM, Amr AL-GAZZAR (EGYPT)

11:10 Advantages of expulsion-proof pins in the treatment of olecranon fractures with tension band wiring: comparison with a control group
Rémi DI FRANCIA, Éric STINDEL, Frédéric DUBRANA, Dominique LE NEN, Christian LEFEVRE (FRANCE)

11:18 Management of neglected dislocations and fracture-dislocations of the elbow
Igor KURINNYI, Oleksandr STRAFUN, Oleksiy DOLGOPOLOV, Oleg KOSTOGRYZ (UKRAINE)

11:26 Classification and treatment outcomes of distal clavicle fractures based on coracoclavicular ligament rupture
Kohei MIYASHITA, Takashi HISATOME (JAPAN)

11:34 Managing complex unstable radial head fractures
Nitish GOGI, Sudhi ANKARATH (UNITED KINGDOM)

Hip | 13 October | Room 518a+b

08:00 - 10:00

SICOT Instructional Symposium – Preventing Complications Following Fractures of the Proximal Femur

Moderators: Jacques CATON (FRANCE), Andre FERREIRA (FRANCE)

08:00 Introduction
Andre FERREIRA (FRANCE)

08:09 No consolidation
Narender MAGU (INDIA)

08:18 Fixation failure and pull out
Benoit BENOIT (CANADA)

08:27 Dislocations after arthroplasties
Mohamed SUKEIK (UNITED KINGDOM)

08:36 Malunion
Yves LAFLAMME (CANADA)

08:45 Osteonecrosis

08:54 Morbidity and mortality
Fatih KUCUKDURMAZ (TURKEY)

09:03 Discussion
All

10:30 - 12:00

Free Paper Session – Hip (Miscellaneous)

Moderators: Peter CNUDDE (UNITED KINGDOM), Alan NORRISH (UNITED KINGDOM)

10:30 Multimodal prophylaxis of thromboembolism in total hip arthroplasty
Eduardo SALVATI, Nigel E. SHARROCK, Alejandro GONZALEZ DELLA VALLE, Geoffrey WESTRICH, Hollis G. POTTER (UNITED STATES)

10:38 An evaluation of metal ion levels between patients who underwent a 'revision' procedure for both hip resurfacing and total hip arthroplasty
Syed S. AHMED (UNITED KINGDOM)

10:46 Spica MRI predictors for epiphyseal osteonecrosis after closed reduction treatment of DDH
Scott ROSENFELD, Lee HARUNO, Herman KAN, Michael RIVLIN, Erica SCHALLERT, Huirong ZHU, Vinitha SHENAVA (UNITED STATES)

10:54 Towards a comprehensive classification of acetabular dysplasia aligned with surgical treatment
Kamal BALI, Mazen IBRAHIM, Kevin SMIT, Stephane POITRAS, Geoffrey WILKIN, Paul BEAULE (CANADA)

11:02 Hip joint preservation surgery: does it really preserve the hip joint and prevent hip arthroplasty? A review of the evidence
Ajay MALVIYA, Mark Andrew SOHATEE, Ali MOHAMMED, Vikas KHANDUJA (UNITED KINGDOM)

11:10 Magnification of hip radiographs: correction factor for obese patients
Daniel DANIEL[1], Jana HORNOVÁ[1], Hrubina MAROŠ[2], Eduard STASTNY[1], Fulín PETR[1], Jiri GALLO[1]
[1](CZECH REPUBLIC), [2](SLOVAKIA)

11:18 Is Parkinson's disease associated with worse outcomes following total hip replacement?
Peter CNUDDE[1], Wojtowicz ALEX[1], Rhodri WILLIAMS[1], Daniel ODIN[2], Szilard NEMES[2], Maziar MOHADDES[2]
[1](UNITED KINGDOM), [2](SWEDEN)

11:26 Comparison of different antibiotic prophylaxis regimes in the risk of early revision for infection following primary joint arthroplasty of the hip and knee
Dirk Jan MOOJEN[1], Ewout VELTMAN[1], Eric LENGUERRAND[2], Whitehouse MICHAEL[2], Rob NELISSEN[1], Ashley BLOM[2], Rudolf POOLMAN[1]
[1](NETHERLANDS), [2](UNITED KINGDOM)

11:34 The spousal perspective in total hip and knee arthroplasty
Michael TANZER, Christopher PEDNEAULT, Karen SMITH (CANADA)

Knee | 13 October | Room 519a+b

08:00 - 10:00

SICOT Instructional Symposium – Knee: Is Revision Surgery Easier Today?

Moderators: Francesco FALEZ (ITALY), Ivan DE MARTINO (UNITED STATES)

08:00 New technologies in knee revision surgery
Tom SCULCO (UNITED STATES)

08:15 Extensor mechanism failure and its solution
Carsten PERKA (GERMANY)

08:30 The use of cementless cones and sleeves in the management of bone loss
Ashok RAJGOPAL (INDIA)

08:45 Step-by-step in CCK revision
Francesco FALEZ (ITALY)

09:00 Management of infections in revision surgery
Vernon LEE (INDIA)

09:15 Severe deformities in failed knee

09:30 Indication for megaprosthesis
Giorgio CALORI (ITALY)

09:45 How should we choose the level of constraint?
Ashok RAJGOPAL (INDIA)

10:30 - 12:00

Free Paper Session – Knee (Revision)

Moderators: Tim WILTON (UNITED KINGDOM), Matthew MORREY (UNITED STATES)

10:30 KEYNOTE LECTURE: Stabilising the revision TKR components: what combination of stems, cement and bone graft will work?
Tim WILTON (UNITED KINGDOM)

10:45 Revision total knee arthroplasty for periprosthetic knee fractures
Kai-Lan HSU, Chih-Wei CHANG, Chyun-Yu YANG (TAIWAN)

10:53 Metaphyseal fixation with cones and sleeves in revision total knee arthroplasty: a systematic review
Ivan DE MARTINO, Rocco D'APOLITO, Vincenzo FRANCESCHINI, Allina NOCON, Thomas SCULCO, Peter SCULCO (UNITED STATES)

11:01 Constrained total arthroplasty in post-traumatic knee: a series of 21 cases
Agustin LEON, Adolfo MENA, Pedro LIZAMA, Juan Jose LECAROS, Gonzalo ESPINOZA (CHILE)

11:09 Management of tibial bone defect in primary total knee replacement with autograft
Sanjib Kumar BEHERA, Sreenivas D. SATYANARAYANA, Rahul PARDIPURAM, Alok Kumar VERMA (INDIA)

11:17 Diagnostic accuracy of interleukin-6 and procalcitonin in patients with periprosthetic joint infection
Young-Soo SHIN, Jung-Ro YOON, Seung-Nam KO, In-Wook SEO (SOUTH KOREA)

11:25 The knee megaprosthesis: a 43-case report
Abdelhalim OULDROUIS, Kamel ACHOUR, Mourad HAMIDANI (ALGERIA)

Miscellaneous | 13 October | Room 520a+b

08:00 - 10:00

Partner Society Symposium – ASAMI and Hull Deformity: Practical Analysis and Correction of Femoral Deformity: Tips and Tricks

Moderators: Gamal HOSNY (EGYPT), Hemant SHARMA (UNITED KINGDOM)

08:00 Practical analysis of femoral deformity planning - pearls and pitfalls
Hemant SHARMA (UNITED KINGDOM)

08:20 Proximal femoral deformity correction (paediatrics) - tips and tricks
Saw AIK (MALAYSIA)

08:40 Hip osteotomies - how to avoid problems
Gamal HOSNY (EGYPT)

09:00 Understanding and correction of rotational deformity - how do I do it?
Sultan Al MASKARI (OMAN)

09:20 Fixator assisted deformity correction - how do I do it?
Hemant SHARMA (UNITED KINGDOM)

09:40 Deformity correction and lengthening nails - tips and tricks
Reggie HAMDY (CANADA)

10:30 - 12:00

Free Paper Session – Miscellaneous

Moderators: Bassel EL-OSTA (LEBANON), Michael ZIMLITSKI (GEORGIA)

10:30 Placebo effect in carpal tunnel syndrome treatment
Jordi FAIG-MARTÍ, Adriana MARTÍNEZ-CATASÚS (SPAIN)

10:38 Patient-centred consent in the elective setting: a change in our practice
Nicholas KERR, Gary CHEW, Fahima SHAKIR, Lazar KRSTIC, Fazal ALI, Jeevan CHANDRASENAN (UNITED KINGDOM)

10:46 Dual mobility cup and groin pain: a prospective multicentre series of 548 cases at a mean follow-up of five years
Jean Louis PRUDHON, Loys DESCAMPS, Guy DERHI, Andre FERREIRA, Jean Marc PUCH (FRANCE)

10:54 The inhibitory effects of tacrolimus on gliostatin production in rheumatoid arthritis synoviocytes
Yohei KAWAGUCHI, Ikuta KENJI, Yuko NAGAYA, Takaya YAMAGAMI, Yuya OGURI, Kiyofumi ASAI, Takanobu OTSUKA (JAPAN)

11:02 Rheumatoid arthritis and systemic lupus erythematosus: relationship between physical and psychological disability
Alyaa Diaa ELMOGHAZY, Amal HASSAN, Mona Hamdy MAHMOUD, Ahmed LOTFI, Khaled Hamed SALEM (EGYPT)

11:10 Development of a diagnostic method for detecting increased muscle protein degradation in patients with catabolic conditions
Anurag CHANDRAKAR, Pratik KAWDE, Siddharth AGRAWAL (INDIA)

11:18 Prevalence of vitamin D level deficiency among patients with non-specific musculoskeletal pain at a tertiary care hospital in Khyber Pukhtunkhwa
Sajjad AHMAD (PAKISTAN)

11:26 Synovasure alpha-defensin is unreliable in the diagnosis of lower limb periprosthetic joint infection: a British tertiary referral centre experience
Charles GODAVITARNE, Alastair ROBERTSON, Mark EDMONDSON, Phillip STOTT, James GIBBS, Sandeep CHAUHAN (UNITED KINGDOM)

11:34 Centralisation of the wrist in infected gap nonunion of the forearm: a case report
Praveen Kumar BIRRU[1], Vasuki VALMIKI RANGACHAR[1], Xavier MANUBENS BERTRAN[2], Vara Prasad Reddy VENNAPUSA[1], Abhilash Goud BENAKAL[1], Siddaratha Reddy DINNEPALLI[1], Akbar Basha PALAGIRI[1]
[1](INDIA), [2](SPAIN)

11:42 Experience of legal claims in the last 20 years in England in orthopaedic surgery
Saad AZHAR, Noman SAGHIR, Anthony HOWARD, Julian SCOTT (UNITED KINGDOM)

11:50 Review of orthopaedic implants and airport metal detectors at a time of increased terror fears
Chukwudi UZOHO, Will NASH, Emma CRIDDLE (UNITED KINGDOM)

08:00 - 10:00

Partner Society Symposium – SLAOT: Subjects in Orthopaedic Surgery in Latin America

Moderators: Mario LAMPROPULOS (ARGENTINA), Luiz A. Munhoz CUNHA (BRAZIL), Patricia FUCS (BRAZIL)

08:00 External fixation in neurological pathologies
Mario LAMPROPULOS (ARGENTINA)

08:17 Complex proximal ulnar fractures
Sergio FRANCO (BRAZIL)

08:34 Meniscal repair and regeneration
Francisco FORRIOL (SPAIN)

08:51 The haemophilic patient - an orthopaedic challenge
Horacio CAVIGLIA (ARGENTINA)

09:08 Articular cartilage regeneration - what is the future?
Alberto RESTREPO (COLOMBIA)

09:25 Discussion, acknowledgements and final remarks
All

10:30 - 12:00

SICOT Instructional Symposium – Injury Prevention and Road Safety

Moderators: John DORMANS (UNITED STATES), Guenter LOB (GERMANY)

10:30 Better road safety in India as a result of the activity of orthopaedic surgeons
Shanmuganathan RAJASEKARAN (INDIA)

10:40 African youth and the burden of road traffic accidents
Fred OTSYENO (KENYA)

10:50 Road traffic injuries in youth - the magnitude of the problem
Guenter LOB (GERMANY)

11:00 P.A.R.T.Y. headquarters - the Canadian experience
Sharon RAMAGNANO (CANADA)

11:10 The P.A.R.T.Y. programme in Germany - sites, organisations, schedule
Peter BIBERTHALER (GERMANY)

11:20 Advances in raising road safety awareness, P.A.R.T.Y. - an experience
Christina HUWER (GERMANY)

11:30 Evaluation of P.A.R.T.Y. programme in Germany - what can be learned?
Bertil BOUILLON (GERMANY)

11:40 Discussion
All

08:00 - 10:00

Partner Society Symposium – SOFCOT: Contribution of Arthroscopy in Bone and Joint Traumatology Surgery

Moderators: Matthieu EHLINGER (FRANCE), Nicolas BONNEVIALLE (FRANCE), Elvire GUERRE (FRANCE), Marie LE BARON (FRANCE)

08:00 Introduction
Matthieu EHLINGER (FRANCE)

08:05 Shoulder - glenoid fracture (cadaver and clinical study)
Nicolas BONNEVIALLE (FRANCE)

08:20 Wrist - articular radius fracture (clinical and scanner study)
Elvire GUERRE (FRANCE)

08:35 Knee - tibial plateau and intercondylar eminence fracture
Marie LE BARON (FRANCE)

08:50 Conclusion
Matthieu EHLINGER (FRANCE)

10:30 - 12:00

Free Paper Session – Emerging Technology

Moderators: Julio C. FERNANDES (CANADA), Rob NELISSEN (NETHERLANDS)

10:30 Limb sparing in dogs using patient-specific endoprostheses and cutting guides: design, manufacture and preliminary validation
Bertrand LUSSIER[1], Bernard SEGUIN[2], Anatolie TIMERCAN[1], Yvan PETIT[1], Vladimir BRAILOVSKI[1]
[1](CANADA), [2](UNITED STATES)

10:38 Don't shoot the messenger: development of criterion and systematic review of messenger apps in healthcare
Ogidi JONATHAN, Darren LUI (UNITED KINGDOM)

10:46 Using XR technology to improve surgical decision-making under pressure
Alexander YOUNG, Thomas JUDD (UNITED KINGDOM)

10:54 Safety and accuracy of robot-assisted versus fluoroscopy-assisted pedicle screw insertion in thoracolumbar spinal surgery: a prospective randomised controlled trial
Xiaoguang HAN, Wei TIAN (CHINA)

11:02 Early results of patient-specific instrumentation in reverse shoulder arthroplasty: a signature guide
Ahmed A. ELSHEIKH[1], Amanda WOOD[2], Simon FROSTICK[2]
[1](EGYPT), [2](UNITED KINGDOM)

11:10 Auto-registration has better clinical accuracy than point-to-point registration using an active infrared navigation system in lumbar spinal surgery
Jingwei ZHAO, Yajun LIU, Wei TIAN (CHINA)

11:18 The role of cognitive simulation in orthopaedic education: the advent of mobile applications
Christopher O'DOWD-BOOTH, Paul CAMERON, Karim IQBAL, Katie JONE (UNITED KINGDOM)

11:26 Robot-assisted internal fixation in cervical spinal surgery: a randomised controlled study
Mingxing FAN, Yajun LIU, Wei TIAN (CHINA)

11:34 A new injectable thermogelling poly-d-glucosamine/d-glucosamine carbonate system as a tissue repair scaffolding hydrogel
Sam Alexandre SELMANI[1], Chenite ABDELLATIF[1], Cyril CHAPUT[1], Michael GRANT[1], Laura EPURE[1], Francesco ALVIANO[2], Laura BONSI[2], Jerett CREED[1], Fackson MWALE[1], Amine SELMANI[1]
[1](CANADA), [2](ITALY)

11:42 Low-cost simulation training in resident education using old, out of use arthroscopy systems
Ibrahim Deniz CANBEYLI, Meriç CIRPAR, Birhan OKTAS, Seyyid Isa KESKINKILIC (TURKEY)

11:50 The role of arthroscopic simulation in training and teaching surgical skills: a systematic review
Sami RASHED, Philip AHRENS, Nimalan MARUTHAINAR, Nicholas GARLICK, Muhammad Zahid SAEED (UNITED KINGDOM)

Miscellaneous | 13 October | Room 522a+b+c

08:00 - 10:00

Partner Society Symposium – WAIOT: Bone and Joint Infections: Impact and Novel Solutions

Moderators: Guenter LOB (GERMANY), Lorenzo DRAGO (ITALY), Hazem ALKHAWASHKI (SAUDI ARABIA), Andreas TIEMANN (GERMANY)

08:00 WAIOT - mission and targets
Guenter LOB (GERMANY)

08:05 Round table - impact of bone and joint infections and novel solutions
Ashok JOHARI (INDIA), Hiroyuki TSUCHIYA (JAPAN), Mahmoud HAFEZ (EGYPT), Carlo L. ROMANO (ITALY), Hazem ALKHWASHKI (SAUDI ARABIA)

09:30 Discussion
All

09:50 Summary and closing
Heinz WINKLER (AUSTRIA)

10:30 - 12:00

SICOT Instructional Symposium – Young Surgeons Committee: Periprosthetic Joint Infection: Case Discussion

Moderators: Thorsten GEHRKE (GERMANY), Fatih KUCUKDURMAZ (TURKEY)

10:30 Local antibiotic applications
Heinz WINKLER (AUSTRIA)

10:42 Reimplantation timing in two stages
Bulent ATILLA (TURKEY)

10:54 Culture negative periprosthetic joint infection
Michael TANZER (CANADA)

11:06 Irrigation and debridement - is it a viable option?
James POWELL (CANADA)

11:18 Case 1
Evrim SIRIN (TURKEY)

11:30 Case 2
Mustafa CITAK (GERMANY)

11:42 Case 3
Ruwais BINLAKSAR (YEMEN)

11:54 Final remarks
Thorsten GEHRKE (GERMANY)

Miscellaneous | 13 October | Room 524a

08:00 - 10:00

Partner Society Symposium – FFN: Fragility Fracture Network

Moderators: James WADDELL (CANADA), Jay MAGAZINER (UNITED STATES)

08:00 Multi-disciplinary care across the year-long recovery period
Jay MAGAZINER (UNITED STATES)

08:21 Developing and testing an international audit of nurse sensitive quality indicators for patients with fragility hip fracture
Anita MEEHAN (UNITED STATES)

08:42 Geriatric care - how long and how much?

09:03 How hip fracture research can improve long-term outcomes
Peter BIBERTHALER (GERMANY)

09:24 Discussion
All

10:30 - 12:00

Free Paper Session – Trauma (Miscellaneous)

Moderators: Nuri AYDIN (TURKEY), Margaret FOK (HONG KONG)

10:30 The experience of a major trauma centre in the management of compartment syndrome due to body weight crush injury
Alastair ROBERTSON, Charles GODAVITARNE, Piers PAGE, David CRONE, David RICKETTS (UNITED KINGDOM)

10:38 Plating following lengthening by LRS technique: a retrospective comparative study
Kartik PRUTHI (INDIA)

10:46 A plea to revive the lost art of nonoperative treatment of fractures
V. Ranganadham ATMAKURI (INDIA)

10:54 Bone mineral density measurement in traumatic distal end radius fractures
Ankur KARIYA, Pramod JAIN (INDIA)

11:04 The efficacy of fascia iliaca block in geriatric hip fracture patients: a retrospective matched case control study
Kumaran RASAPPAN, John Boon Lim TEY, Ivan Tjun Huat CHUA (SINGAPORE)

11:12 The rates of union and infection in patients treated with fasciotomy for acute compartment syndrome (ACS) and those without ACS in operatively managed tibial plateau fractures
Jayakumar SUBBIAH, Sathish DEVADOSS, Devadoss ANNAMALAI (INDIA)

11:20 Evaluation of outcome measures in Gustilo and Anderson Type 3A and 3B open injuries of tibiae by the Ganga Hospital Open Injury Severity Score
Nachiketan K DORE, Mohammed RAFI (INDIA)

11:28 Is osseointegration the definitive answer to amputee reconstruction?: examining the complication and re-operation rates after osseointegrated reconstruction
William LU, Munjed LU (AUSTRALIA)

11:36 Higher prevalence of periprosthetic fractures with ceramic-on-polyethylene hip bearing compared with ceramic-on-ceramic on the contralateral side
Philippe HERNIGOU, Arnaud DUBORY, Charles-Henri FLOUZAT-LACHANIETTE (FRANCE)

Miscellaneous | 13 October | Room 524b

08:00 - 10:00

SICOT Instructional Symposium – Enhanced Recovery and Outpatient Arthroplasty

Moderators: Ajeya ADHIKARI (UNITED KINGDOM), Pascal-Andre VENDITTOLI (CANADA)

08:00 Enhanced recovery protocols in total knee arthroplasty - Montreal experience
Pascal-Andre VENDITTOLI (CANADA)

08:20 Anaesthetic techniques in enhanced recovery
Louis-Phillipe FORTIER (CANADA)

08:40 Technology in enhanced recovery
Ajeya ADHIKARI (UNITED KINGDOM)

08:50 Pain management as a team
Nagi Chetty BHASKARAN (UNITED KINGDOM)

09:04 Managing blood loss - the surgeon's perspective
Julio C. FERNANDES (CANADA)

09:18 The impact of tranexamic acid on outcomes in total knee arthroplasty
Markus BAKER (UNITED KINGDOM)

09:28 Discussion
All

Miscellaneous | 13 October | Room 524c

08:00 - 10:00

Partner Society Symposium – World Orthopaedic Concern

Moderators: John DORMANS (UNITED STATES)

08:00 Introduction and status of World Orthopaedic Concern
John DORMANS (UNITED STATES)

08:05 Bridging the gap
Keith LUK (HONG KONG)

08:09 Bridging the gap
Wilson LI (HONG KONG)

08:13 Canadian Orthopaedic Associations Global Services – database: what is the Canadian Orthopaedic Association doing?
John Norgrove PENNY (CANADA)

08:17 Role of the AO Alliance
Claude MARTIN (CANADA)

08:21 Role of HVO/OO
Divya SINGH (UNITED STATES)

08:25 Discussion, moderation and conclusions
All

08:40 Road traffic safety
Shanmuganathan RAJASEKARAN (INDIA)

08:44 Role of the GHO
Selim YALCIN (TURKEY)

08:48 Role of OASAC (Orthopaedic Association of SAARC Countries)
Deven TANEJA (INDIA)

08:52 Coordination with NGOs for improving orthopaedic education in LMICS
Emal WARDAK (AFGHANISTAN)

08:56 Spine deformity programme in LMICS
Alaa AHMAD (PALESTINE)

09:00 Role of NGOs in rehabilitation of the handicapped LMICS
Gautam CHAKRAVERTY (INDIA)

09:04 How the ASEAN Orthopaedic Association can contribute in LMICS
Saw AIK (MALAYSIA)

09:08 Discussion
All

09:23 Awards: AEB and TKS medal
John DORMANS (UNITED STATES)

10:30 - 12:00

Free Paper Session – Developing World

Moderators: Deven TANEJA (INDIA), Stephen John MANNION (UNITED KINGDOM)

10:30 Complications of fracture management by traditional bonesetters: a systematic review
Allahgoni Jacob SOKWO[1], Vikas KHANDUJA[2]
[1](NIGERIA), [2](UNITED KINGDOM)

10:38 Burnout syndrome in paediatric orthopaedics departments from Southeastern European hospitals
Cristian ZAMFIR (ROMANIA)

10:46 Early follow-up results of total knee arthroplasty using a new high-flexion Genuin prosthesis
Umesh NAGARE[1], Omolulu BADE[2], Ac NWACHUKWU[2], Akshata SAKHALE[1], Hemansu BHATT[1], Ravikumar V. PRAJAPATI[1]
[1](INDIA), [2](NIGERIA)

10:54 Coping mechanisms as predictor of stress in patients with low back pain: a Nigerian study
Chukwuemeka ANISI, Joseph ASUQUO, Innocent ABANG, Onyebuchi OSAKWE, Nwakego OKEKE (NIGERIA)

11:02 Correction of neglected clubfoot: an experience in developing countries
Md.Myen Uddin MOZUMDER, Arunava CHOWDHURY, Ajoy DAS, Shamim KHAN, Moshiur RAHMAN, Mamun MUSTAFA (BANGLADESH)

11:10 Pattern of surgical site infection after elective orthopaedic surgery in a major orthopaedic centre
Junaid KHAN, Riaz AHMED (PAKISTAN)

11:18 Awareness of orthopaedic doctors and operation theatre assistants of radiation exposure
Junaid KHAN, Riaz AHMED, Rahman Rasool AKHTAR (PAKISTAN)

11:26 Essential fracture and orthopaedic equipment lists in low resource settings: consensus derived by survey of experts in Africa
Yuen CHAN[1], Banza LEONARD[2], Claude MARTIN JR.[3], Harrison WILLIAM[1]
[1](UNITED KINGDOM), [2](MALAWI), [3](SWITZERLAND)

11:34 Medical services during the Libyan war
Mohamed RASHED, Seddq BENDALLA, Abdulhameed LAYAS (LIBYA)

11:42 Functional outcome following fracture management by traditional bonesetter
Allahgoni Jacob SOKWO[1], Vikas KHANDUJA[2], Gyang SHA[2]
[1](NIGERIA), [2](UNITED KINGDOM)

Miscellaneous | 13 October | Room 525a

08:00 - 10:00

SICOT Instructional Symposium – Medicolegal

Moderator: Andrew QUAILE (UNITED KINGDOM)

08:00 Safe medical care in orthopaedics
Steven BELLEMARE (CANADA)

08:20 How to avoid getting sued
Andrew QUAILE (UNITED KINGDOM)

08:40 Now that I have been sued, how do I handle it?
Marc PATTERSON (UNITED KINGDOM)

09:00 Total hip arthroplasty and leg length inequality
Vikas KHANDUJA (UNITED KINGDOM)

09:20 How the CPMA operates
Steven BELLEMARE (CANADA)

09:30 Discussion
All

10:30 - 12:00

Free Paper Session – Pain Management and Osteoporosis

Moderators: Ajeya ADHIKARI (UNITED KINGDOM), Afshin TAHERIAZAM (IRAN)

10:30 Intra-operative local infiltration analgesia during primary total hip and knee replacement: does it work?
Nameer CHOUDHRY, J.W. BOYLAN, T. GOLDSMITH, Gunasekaran KUMAR (UNITED KINGDOM)

10:38 Complex regional pain syndrome: therapeutic association of biphosphonates and palmitoylethanolamide
Veronica AMORESE, Angelino SANNA, Fabio MILIA, Carlo DORIA (ITALY)

10:46 Semenly harmless back pain
Peter DAWSON, Lisa DUNNE, Evelyn MURPHY, Robert RUTLEDGE (IRELAND)

10:54 Osteochondroma of the left scapula
Sumit BAHETI, Malhaar JADHAV (INDIA)

11:02 Smartphones and their repercussions on the musculoskeletal system
Hernandez MARTA, Javier SANTILLANA RUIZ, Iñigo SANTILLANA HERNÁNDEZ, Francesc GARCIA I GRAU, Miguel Angel VALERO I QUERAL (SPAIN)

11:10 Long-term effects of coccyx excision for chronic refractory coccydynia
Utkarsha JOSHI, Vijay KAKATKAR (INDIA)

11:18 Bone fragility in beta-thalassemia major
Veronica AMORESE, Fabio MILIA, Carlo DORIA (ITALY)

11:26 Gamma nail in the treatment of atypical femoral fractures due to bisphosphonates therapy
Ioan Mihai JAPIE, Adrian BADILA, Radu RADULESCU, Razvan ENE, Alexandru PAPUC, Traian CIOBANU, Catalin CIRSTOIU (ROMANIA)

11:34 Serum vitamin D in elderly patients in an orthopaedic ward
Marco PATO, Pádua MIGUEL, Patrícia GOMES, Catarina PEREIRA, Jaime BRANCO, Paulo FELICÍSSIMO (PORTUGAL)

11:42 Evaluation of bone mineral density in patients undergoing total hip arthroplasty and total knee arthroplasty
Sudhir Kumar GARG, Pranav GUPTA, Sandeep GUPTA, Purnima AGGARWAL (INDIA)

11:50 Correlation of vitamin D deficiency and osteoporosis in rural post-menopausal women in central India
Pramod JAIN (INDIA)

Short Free Papers | 13 October | Room 518c

08:00 - 10:00

Short Free Paper Session – Sports Medicine

Moderators: Allan NORRISH (UNITED KINGDOM), Andrew MCCASKIE (UNITED KINGDOM)

08:00 KEYNOTE LECTURE: All you wished to know about stem cells!
Andrew MCCASKIE (UNITED KINGDOM)

08:15 Additional interventions required following hip arthroscopy
Paul HAGGIS, Tom POLLARD, Tony ANDRADE (UNITED KINGDOM)

08:20 Improved rehabilitation and functional outcome with dedicated joint irrigation at the end of ACL reconstruction
Ajeet SINGH (INDIA)

08:25 Return to sport in the recreational athlete following hip arthroscopy
Paul HAGGIS, Tom POLLARD, Tony ANDRADE (UNITED KINGDOM)

08:30 Bilateral hip arthroscopy: a systematic review
Austin MACDONALD[1], Olufemi AYENI[1], Mohamed SARRAJ[1], Darren DE SA[2]
[1](CANADA), [2](UNITED STATES)

08:35 Ischiofemoral impingement: technique and outcomes of endoscopic treatment through quadratus femoris muscle
Lorena TRUEBA, Luís PEREZ-CARRO, Ana ALFONSO, Manuel SUMILLERA, Ana GONZÁLEZ (SPAIN)

08:40 Treatment strategies for ischiofemoral impingement: a systematic review of case studies
Naoki NAKANO[1], Haitham SHOMAN[2], Vikas KHANDUJA[2]
[1](JAPAN), [2](UNITED KINGDOM)

08:45 Return to sport after surgical management of proximal hamstring ruptures: a systematic review and meta-analysis
Ajaykumar SHANMUGARAJ, Olufemi AYENI, Ryan P. COUGHLIN, Jeffrey KAY, Muzammil MEMON, Leen NAJI (CANADA)

08:50 Open versus arthroscopic Latarjet procedure: a systematic review of comparative studies
Nolan HORNER[1], Olufemi AYENI[1], Paul A. MOROZ[1], Raman BHULLAR[1], Anthony HABIB[1], Nicole SIMUNOVIC[1], Ivan WONG[1], Asheesh BEDI[2]
[1](CANADA), [2](UNITED STATES)

08:55 Seasonal variation of Achilles tendon injury
J. Turner VOSSELLER, David P. TROFA, Lightsey HARRY, Swindell HASANI, Caldwell JON-MICHAEL, Justin GRESIBERG (UNITED STATES)

09:00 Study of anterior cruciate injuries in road traffic accidents: an Indian scenario
Abhay Harsh KERKETTA, Parvez Abraham AFZAL, David Vaithialingam RAJAN (INDIA)

09:05 Patellar tendon length is associated with patients' height but not their gender
Gloria HOHENBERGER, Manuel DREU, Harald KREUZTHALER, Gerald GRUBER, Angelika SCHWARZ, Harald WIDHALM, Patrick SADOGHI (AUSTRIA)

09:10 Predictors of outcomes in double-bundle anterior cruciate ligament reconstruction in an Asian population
Meetrra SEYHER, Hamid Rahmatullah BIN ABD RAZAK, John Carson ALLEN, Wei-Sheng FOONG, Zi-Yang CHIA, William YEO, Amit Kanta MITRA, Chee-Cheng Paul CHANG (SINGAPORE)

10:30 - 12:00

Short Free Paper Session – Knee

Moderators: Michael DUNBAR (CANADA), Vaibhav BAGARIA (INDIA)

10:30 Alpha-defensin levels in native joints in patients without infection
Rodrigo Calil Teles ABDO, Marco Antonio PONTES FILHO, Riccardo Gomes GOBBI, Vilma Dos Santos Trindade VIANA, Jose Ricardo PECORA, Eloisa Silva Dutra De Oliveira BONFA, Marco Kawamura DEMANGE (BRAZIL)

10:35 Correlations between clinical measures and kinematics in end-stage knee osteoarthritis patients
Neila MEZGHANI, Fatima BENSALMA, Alexandre FUENTES, Sara WHYNOT, Hilary MACDONALD, Youssef OUAKRIM, Glen RICHARDSON, Michael DUNBAR (CANADA)

10:40 Kinematic alignment in total knee arthroplasty better reproduces normal knee kinematics than mechanical alignment
Benjamin PULIERO, Pascal-André VENDITTOLI, Julien CLÉMENT, François DESMEULES, Nicola HAGEMEISTER, Charles RIVIÈRE, William BLAKENEY (CANADA)

10:45 A novel method for assessing proximal tibiofibular joint on MR images in patients with knee osteoarthritis
Weiyu HAN[1], Zhaohua ZHU[1], Jun CHANG[2], Zetao LIAO[2], Ming LU[2], Shuang ZHENG[2], Changhai DING[2]
[1](CHINA), [2](AUSTRALIA)

10:50 A comparative analysis of transdermal buprenorphine patch versus intraoperative periarticular cocktail for pain management in joint replacement surgery
Virender KUMAR, Karan SIWACH (INDIA)

10:55 Comparative evaluation of periarticular infiltration of two cocktail regimens for analgesia in postoperative patients of total knee replacement
Ajeet KUMAR, V.K. GAUTAM (INDIA)

11:00 Platelet hyperreactivity and postoperative venous thromboembolism in total knee arthroplasty
Young Mo KIM, Jimyung KIM, Yong Bum JOO, Woo Yong LEE, Yonghwan KIM, Soong Hyun LEE, Young Chul PARK (SOUTH KOREA)

11:05 Early outcomes of Attune knee replacements in a non-designer series of 436 knees
Akash SARAOGI[1], Naveen Kumar LOKIKERE[1], Tim BOARD[2], George PAVLOU[2], Anil GAMBHIR[2]
[1](INDIA), [2](UNITED KINGDOM)

11:10 The astounding resilience of the Indian patient
Pradyumna MAJUMDAR (INDIA)

11:15 Returning to work after a Journey II total knee replacement
Saif UL ISLAM, Jill POPE, Joanne YORKE, Ann AVERY, Joanne BANKS, Alasdair SANTINI (UNITED KINGDOM)

11:20 Analysis of the forgotten joint score after unicompartmental knee arthroplasty versus total knee arthroplasty
Zachary POST, Andres DUQUE, Fabio OROZCO, Michael AST, Destiny DAVIS, Danielle PONZIO, Alvin ONG (UNITED STATES)

11:25 Delaying physical therapy prolongs total knee arthroplasty recovery
Zachary POST, Andres DUQUE, Alvin ONG, Peter BOYLE, Danielle PONZIO, Fabio OROZCO (UNITED STATES)

11:30 Is preoperative malnutrition associated with increased surgical complications in patients undergoing a total knee arthroplasty?
Helen LI, Ki Wai HO, Lok Chi Sheryl MAN, Kwong Yin CHUNG, Kwok Hing CHIU (HONG KONG)

11:35 Evaluation of clinico-radiological parameter in massive varus deformities in navigation-assisted TKA using a cruciate retaining implant
Sujoy BHATTACHARJEE (INDIA)

11:40 Effect of dexamethasone on post-operative pain management in patients undergoing total knee arthroplasty
Junaid KHAN, Riaz AHMED (PAKISTAN)

10:00 - 10:30

Just-a-Minute Session I

Moderator: Vikas KHANDUJA (UNITED KINGDOM)

Short-term clinical results of the conversion to total hip arthroplasty for post-traumatic arthritis after acetabular fracture internal fixation
Afshin TAHERIAZAM, Amin SAEIDINIA, Farshad SAFDARI (IRAN)

Arthroscopic treatment for the isolated subscapularis tendon tear associated with the long head of biceps tendon subluxation
Sang-Jin CHEON, Yong Geon PARK (SOUTH KOREA)

MIS locked plating of peri-TKA femoral fractures: analysis of results vis-à-vis ORIF
Rajiv THUKRAL (INDIA)

Pathological fractures through simple cysts of the proximal femur in children: treatment with an angle-stable internal fixation device
Breanna WINGER, Philip HENMAN (UNITED KINGDOM)

The induced membrane technique for the treatment of segmental bone defects: a systematic review and meta-analysis
Charles GODBOUT, Benjamin FUNG, Emil SCHEMITSCH, Aaron NAUTH (CANADA)

Pitfalls in planning and execution of hip arthroplasty in patients with old acetabulum fractures: lessons learnt from the first 50 cases, and algorithmic approach
Rajiv THUKRAL (INDIA)

Immediate weight-bearing as tolerated with the fully-coated cementless femoral stem in elderly severely morbid patients with femoral neck fractures: results and concerns
Rajiv THUKRAL (INDIA)

A surgical audit of unforced technical errors of closed elastic intramedullary nailing for forearm diaphyseal fractures in children: recommendations to de-steepen the learning curve
Swapnil KENY (INDIA)

Post-posterior lumbar interbody fusion (PLIF), 19.4-year follow-up and causes of biomechanical adjacent segment disease
Ernest NAGY, Laszlo MECS, Toth KALMAN (HUNGARY)

Effect of deltoid muscle volume changes after arthroscopic rotator cuff repair on functional outcomes
Ismail TURKMEN, Guray ALTUN (TURKEY)

Clinical and functional evaluation of patello-femoral resurfacing arthroplasties
Juan Gabino GOMEZ MONT, Rogelio DOMINGUEZ, Felix GIL ORBEZO, David ROSAS, Alejandro FLORES (MEXICO)

Pressures at the bone-cement interface – a cadaveric study of knee arthroplasty cementation
Stephen John MANNION, James PENNY, Arif RIZAK, Alberto ELBO, Anoop ANAND, Edward GEE, Richard KOWALSKI, William MCGREGOR (UNITED KINGDOM)

Fixing PCL tibial bony avulsion-a novel one stitch method
Gaur SANJIV, Suneet TANDON (INDIA)

Development of digital templating for preoperative planning in total ankle replacement surgery
Mohd Yazid BAJURI, Norliyana MAZLI (MALAYSIA)

Does subacromial erosion influence the underlying rotator cuff after hook plate fixation for AC dislocation?
Hyun-Tae KIM, Min-Cheol KIM, Myung-Sun KIM (SOUTH KOREA)

Role of calcitonin in old age trochanteric fractures after internal fixation
Vijay Kumar KHARIWAL, Rajeev AGGARWAL (INDIA)

Anterior approach for fixation of talus fractures: optimising visualisation and minimising complications
Dip CHAKRABARTI, Sabri BLEIBLEH, Shaik YOUSUFUDDIN, Seyed Ashgar ALI (UNITED KINGDOM)

Apatinib in the treatment of spontaneous pulmonary metastasis from osteosarcoma
Yitian WANG, Yong ZHOU, Li MIN, Wenli ZHANG, Yi LUO, Hong DUAN, Chongqi TU (CHINA)

Nonsteroidal anti-inflammatory drug zaltoprofen demonstrates antitumour effects via activating peroxisome proliferator-activated receptor gamma and suppressing matrix metalloproteinase-2 expression in chondrosarcoma
Takashi HIGUCHI, Norio YAMAMOTO, Katsuhiro HAYASHI, Akihiko TAKEUCHI, Hiroaki KIMURA, Shinji MIWA, Kentaro IGARASHI, Yasuhiko YAMAMOTO, Hiroyuki TSUCHIYA (JAPAN)

Cementless total knee arthroplasty: is keel or long stem better? A matched comparative study of 98 standard keels versus 98 long stems at more than ten years' follow-up
Jean Louis PRUDHON, Regis VERDIER, Jacques CATON (FRANCE)

Cemented or cementless total knee arthroplasty: comparative results of 200 cases at a minimum follow-up of 11 years
Jean Louis PRUDHON, Regis VERDIER (FRANCE)

Saving cells and money: a cost-effectiveness assessment of intraoperative cell salvage in revision hip and knee arthroplasty
Ahmed DAOUB (UNITED KINGDOM)

Elastic stable intramedullary nailing of tibial shaft fractures in children
Mahmoud ABOUSAYED (EGYPT)

Patient-specific hip spacer
Mahmoud Abdel HAFEZ, Ahmed ABDELMOGHNY (EGYPT)

Prevalence of metal hypersensitivity in primary total knee arthroplasty patients: correlation to functional outcomes
Josee DELISLE, Mohamed BENDERDOUR, Benoit BENOIT, Mario GIROUX, G. Yves LAFLAMME, Hai NGUYEN, Pierre RANGER, Qin SHI, Julio C. FERNANDES (CANADA)

Metal hypersensitivity: early clinical outcomes after revision total knee arthroplasty in patients with metal hypersensitivity
Josee DELISLE, Andréa SENAY, Mohamed BENDERDOUR, Pierre RANGER, Julio C. FERNANDES (CANADA)

Use of C-arm in ACL reconstruction
Irfan MEHBOOB, Atta ULLAH (PAKISTAN)

A new method of arthroscopic-assisted management of stiff knees
Hemant BANSAL, Hiralal NAG (INDIA)

RANKL overexpression with LPS, TNF A and dexamethasone in vitro
Mouna FERDEBOUH[1], Qin SHI[1], Elsa-Patricia RONDON-CAVANZO[1], Marcio José TIERA[2], Houda Abir BENABDOUN[1], Mohamed BENDERDOUR[1], Julio C. FERNANDES[1]
[1](CANADA), [2](BRAZIL)

15:30 - 16:00

Just-a-Minute Session II

Moderator: Gowreeson THEVENDRAN (SINGAPORE)

Comparison of effect of articulating cemented spacer versus arthroscopic synovectomy for management of infectious arthritis in the Kellgren-Lawrence grade 3/4 osteoarthritic knees
Seung-Suk SEO, Mu-Won KIM, Chang-Kyu KIM (SOUTH KOREA)

A great toenail bed flap based on the fibro-dorsal artery for fingernail reconstruction
Mingbo LIU, Ziqing ZHANG (CHINA)

Integrated or separated? Two types of bone cement distribution in kyphoplasty and the clinical efficacy analysis
Hao LIU, Tao LIU, Huilin YANG (CHINA)

Treatment of late-stage Freiberg disease using a double stemmed flexible silicone prosthesis
Mingzhu ZHANG, Guangrong YU (CHINA)

Combined modified posteromedial and anterior approaches for the treatment of Riiedi-Allgower type III Pilon fractures
Mingzhu ZHANG, Guangrong YU (CHINA)

The effect of the hand dominance on post-operation rehabilitation after knee arthroplasty
Adham JUHDI, Alex TOFAN, Mohammad Nagy ABDALLA, Mohamed A. ELZAKI, Ali ABDULKARIM, Naser AWAN (IRELAND)

Defect reconstruction of nail bed by free great toe fibular dorsal nail bed flap
Mingbo LIU, Ziqing ZHANG (CHINA)

Ultimate outcome of vascularised fibular graft complicated by vascular thrombosis
Ahmad Ibraheem ADDOSOOKI, Elsayed SAID (EGYPT)

Treatment of recurrent traumatic neuromas in osseointegrated patients with an autologous dual incision and ligation surgical technique
Munjed AL MUDERIS, William LU (AUSTRALIA)

The use of osseointegrated titanium implants to treat bilateral amputees
Munjed AL MUDERIS, William LU (AUSTRALIA)

The use of osseointegrated titanium implants to treat transtibial amputees
Munjed AL MUDERIS, William LU (AUSTRALIA)

Preoperative screening and awareness amongst orthopaedic surgery patients with Hepatitis B and C
Syed Faraz Ul Hassan Shah GILLANI, Rana Dilawaiz NADEEM, Muhammad AKHTAR (PAKISTAN)

Osseointegrated implants for transfemoral amputees: radiographic evaluation of bone remodelling
William LU, Munjed AL MUDERIS (AUSTRALIA)

Osseointegrated implants in patients with diabetes mellitus: a case series of eight patients
William LU, Munjed AL MUDERIS (AUSTRALIA)

An epidemiological study of 131,176 fractures of the cervical and thoracic spine from 2007 to 2016 in the United States
Frank CAUTELA[1], Neil SHAH[1], Ryan SCHEER[1], Jay RATHOD[1], Jack ZHOU[1], Jared NEWMAN[1], Jonathan SMERLING[1], Taylor FREETLY[2], Qais NAZIRI[1], Daniel MURRAY[1], John KELLY[2], Charles CONWAY[1], Brian FORD[1], Nabila KHONDAKAR[1], Scott PASCAL[1], Ahmed ELDIB[1], Gregory PENNY[1], Bassel DIEBO[1], Carl PAULINO[1]
[1](UNITED STATES), [2](GRENADA)

Comparison of postoperative cuff integrity between conventional suture bridge technique and knotless suture bridge in double row rotator cuff repair
Sorawut SIRISAK, Bancha CHERNCHUJIT (THAILAND)

Is greater trochanteric pain after primary total hip replacement approach-related? A randomised, prospective comparison of anterior versus posterior approach
Kevin MOERENHOUT, Benoit BENOIT, Henri-Servantes GASPARD, Dominique ROULEAU, G.-Yves LAFLAMME (CANADA)

Arthroscopic visualisation of the posterior band of the MCL
Jaeman KWAK, Inho JEON (SOUTH KOREA)

Paediatric supracondylar fracture of humerus with side displacement
Michael ZAIDMAN, Mark EIDELMAN (ISRAEL)

Routine intraoperative microbiology samples in revision hip arthroplasty for suspected aseptic cases: should you be worried when you see a positive result?
Peter CNUDDE, Konrad WRONKA (UNITED KINGDOM)

Reamer irrigator aspirator: clinical results
Mohit SHARMA, Rajendra CHANDAK (INDIA)

Septic arthritis of the knee: a nationwide paediatric database study
Frank CAUTELA[1], George BEYER[1], John KELLY[2], Jared NEWMAN[1], Neil SHAH[1], Sarah STROUD[1], Anthony FIL-IPOVIC[1], Sarah WALKER[1], Joanne DEKIS[1], Mikhail TRE-TIAKOV[1], Claude SCOTT[1], Khalid HESHAM[1]
[1](UNITED STATES), [2](GRENADA)

Systematic review of treatment for osteochondritis dissecans of the capitellum
Daniel BURCHETTE, Toby PLOTKIN, Tom CROMPTON, Joideep PHADNIS (UNITED KINGDOM)

Comparing the ability of preoperative magnetic resonance imaging to predict intraoperative autograft size in anterior cruciate ligament reconstruction: a systematic review
Austin MACDONALD[1], Olufemi AYENI[1], Darren DE SA[2], Suhail AGARWAL[1], Daniel PARMAR[1], Nicole SIMUNOVIC[1], Volker MUSAHL[1]
[1](CANADA), [2](UNITED STATES)

Arthroscopic-assisted latissimus dorsi tendon transfer for massive rotator cuff tears: a systematic review
Ajaykumar SHANMUGARAJ, Olufemi AYENI, Muzammil MEMON, Jeffrey KAY, Emily QUICK, Nicole SIMUNOVIC, Andrew DUONG, Patrick HENRY (CANADA)

Ankle and hindfoot arthrodesis using compressive screws: a retrospective study
Rex CHANDRABOSE, Niraj TAPADIYA (INDIA)

Screening paediatric orthopaedic patients for thrombosis study: development of an algorithm
Kedar PADHYE, Ketan KULKARNI, Victoria PRICE, Sarah STEVENS, Ron EL-HAWARY (CANADA)

Revision surgeries in developmental dysplasia of hips: our experience
Abhishek BHASME, Rudraprasad M.S., Taosef SYED, Kiran RAJAPPA, Naveen SHETTY (INDIA)

10:00 - 10:30

Just-a-Minute Session III

Moderator: Mohamed SUKEIK (UNITED KINGDOM)

3D navigation-guided percutaneous screw fixation for pelvi-acetabular fractures
Janice Chi Kay LAU, King Him CHUI, Kin Bong LEE, Wilson LI (HONG KONG)

Long-term results of Bernese periacetabular osteotomy using a dual approach in hip dysplasia
Hyunchul SHON, Dongsoo KIM, Jaeyoung YANG (SOUTH KOREA)

Low cost meniscal repair technique
Fernando ROSA, Mauro Batista ALBANO, João Luiz Veira DA SILVA, Edmar Stieven FILHO, Mario Massatomo NAMBA, Elias Marcelo Batista DA SILVA (BRAZIL)

An understanding of intimate partner and gender-based violence in Bangladesh: a team Broken Earth initiative
Helena GREENE, Andrew FUREY (CANADA)

Risk factors of wound complication following wide resection of soft-tissue sarcomas
Ryuta IWANAGA, Atsushi MIHARA, Keiichi MURAMATSU, Toshihiko TAGUCHI, Koichiro IHARA (JAPAN)

Prospective study of needle fasciotomy for Dupuytren's contracture with three years' follow-up
Sinolichka DJAMBAZOVA, Salmani VEJSEL, Spasovski DEJAN (MACEDONIA)

Features of peripheral nerve surgery in patients with Volkmann's ischemic contracture
Oleksii DOLGOPOLOV, Sergii STRAFUN, Serhii BEZRUCHENKO, Andrii LYSAK (UKRAINE)

Clinical evaluation of free semitendinosus tendon graft transfer for reconstruction of Achilles tendon tear with wide gap
Nitish BANSAL (INDIA)

The outcomes and complications of vascularised bone grafts for avascular necrosis of the carpal bone
Kojiro MOTOHARA, Narihito KODAMA, Yoshinori TAKEMURA (JAPAN)

Is Parkinson's disease associated with worse outcomes following hip replacement after hip fracture?
James PALLOT[1], Maziar MOHADDES[2], Peter CNUDDE[1], Daniel ODIN[2]
[1](UNITED KINGDOM), [2](SWEDEN)

A systematic review of mechanical stabilisation by screw fixation without bone grafting in the management of scaphoid nonunion in adults
Lugman ELGAYAR, Walid BEN-NAFA, Sasan DEHBOZORGI (UNITED KINGDOM)

Mid-term results of osteoarticular reconstructions of paediatric periarticular bone sarcomas with free fibula head flap
Bulent EROL, Evrim SIRIN, Ahmet Hamdi AKGULLE, Servet IGREK, Said Erkam BAYKAN, Cihangir TETIK (TURKEY)

A prospective randomised study of endoscopic versus limited-open technique in carpal tunnel syndrome
Adriana MARTINEZ-CATASUS, Jordi GARCIA-BONET, Monica CORRALES, Alex PASARIN, Jordi FAIG-MARTI (SPAIN)

How reliable is the serum c-reactive protein level in the diagnosis of periprosthetic joint infection? A single-centre analysis of 1333 cases
Mustafa CITAK, Niklas UNTER ECKER, Eduardo SUERO, Christian LAUSMANN, Akos ZAHAR, Thorsten GEHRKE (GERMANY)

The state of the head and neck blood flow in patients with IV degree scoliosis
Ludmila PASHKEVICH, Anna ZAROVSKAYA, Elena SOSHNIKOVA, Mohammad Taher MOHAMMADI (BELARUS)

Does vitamin E reduce osteolysis in in vivo knee arthroplasty model?
Celaleddin BILDIK, Baransel SAYGI, Baris KADIOGLU, Budak AKMAN, Soner DOGAN, Melih GÜVEN (TURKEY)

A comparison of open and percutaneous technology in robot-assisted thoracolumbar spinal surgery
Jingwei ZHAO, Wei TIAN (CHINA)

Drug profile of fragility fracture patients in a fracture liaison service: potential for CTX-1 bone marker as a surrogate of osteoporosis treatment response
Andrea SENAY, Sylvie PERREAULT, Josée DELISLE, Suzanne MORIN, Andreea BANICA, Yves LAFLAMME, Stéphane LEDUC, Jean-Marc MAC-THIONG, Pierre RANGER, Dominique ROULEAU, Julio FERNANDES (CANADA)

The role of 3D printing in preoperative planning for pseudoarthrosis: a case report
Monica FERNANDEZ ALVAREZ, Juan RODRIGUEZ FERNÁNDEZ, Sergio GARCIA GRANJA, Claudia GALLEGO PALMERO, Carlos GARCÉS ZARZALEJO, Jesus HERNÁNDEZ ELENA (SPAIN)

Does a relationship between BMI, flexible flatfoot and idiopathic genu valgum in paediatric patients really exist?
Domenico RAVIER, Ilaria MORELLI, Alessandra CUGINI, Andrea PREDA, Fabio VERDONI, Domenico CURCI (ITALY)

Subcapital femoral fracture following hip arthroscopy without performing osteochondroplasty: a very rare complication
Anantha Krishnan RAGHUPATHI, Alan WHITE (UNITED KINGDOM)

TB masquerading as tumour: a seven-year study of 30 cases of long bone tuberculosis presenting as tumours
Yash WAGH, Manish AGARWAL (INDIA)

Epidural analgesic injections and the risk of osteoporosis in spondylosis patients: a nationwide population-based cohort study
Hao-Wen CHEN, Ing-Ho CHEN, Wen-Tien WU, Tzai-Chu YU, Kuang-Ting YEH, Jen-Hung WANG (TAIWAN)

Anatomical study and clinical applications of the anterolateral island flap of the lower leg to repair of tibial bone exposure
Zengyuan SHI, Weigang YIN, Haijiao MAO, Wenwei DONG (CHINA)

Basic fibroblast growth factor and agarose gel promotes the ability of immuno-privilege of allogeneic cartilage transplantation in rats
Fan YANG (CHINA)

An exploratory study of articular cartilage and subchondral bone reconstruction with BMSCS combined with porous tantalum/bio-gide collagen membrane in ONFH
Fan YANG (CHINA)

Study and follow-up of semi hallux nail flap for fingertip reconstruction
Xiaju ZHENG, Baoshan WANG (CHINA)

15:30 - 16:00

Just-a-Minute Session IV

Moderator: Zachary POST (UNITED STATES)

To evaluate the magnetic resonance imaging of trunk musculature and discs in spinal cord injury patients with thoracic and lumbar vertebral fractures
Roop SINGH (INDIA)

Prevalence of deep venous thrombosis in periarticular hip and knee fractures and surgeries
Mayank MAHENDRA, Narendra Singh KUSHWAHA (INDIA)

Osteoid osteoma in the hand: cases report and review of literature
Amirreza FARHOUD, Mahmoud FARZAN, Mohammad Javad DEHGHANI FIROOZABADI, Ahmad Reza BEHROOZI, S.M. Javad MORTAZAVI (IRAN)

Transabdominal approach in the surgical treatment of complex acetabular fractures
Alyaksandr MURZICH, Andrey VORONOVICH, Aleksandr BELETSKI (BELARUS)

Magnetic resonance imaging features of epidermoid cysts
Masatsugu TAKAMI, Takashi OKAMOTO, Akira NAKATA, Manabu HOSHI, Naoto OEBISU (JAPAN)

Variations of the entry portal for the intramedullary prosthetic of the humerus depending on the neck shaft angle
Jinyoung JEONG, Kyungil KIM, Hyunwoo KIM (SOUTH KOREA)

Simple biceps tenodesis using knotless anchor
Jinyoung JEONG, Kyungil KIM, Hyunwoo KIM (SOUTH KOREA)

TENS as a minimally invasive technique for paediatric lower limb fractures: an experience with 300 cases
Elsayed SAID, Ahmed ADDOSOOKI, Hamdi TAMMAM (EGYPT)

Stress fracture in sports medicine
Mohamed RASHED, Abdulhameed LAYAS, Turkia ELRUK, Seddeq BENDALLA (LIBYA)

Sauve-kapandji procedure for Madelung's deformity with DRUJ instability
Abdelsalam EID, Shamel ELGAWHARY, Mohamed ABDALLAH ABDELASALAM (EGYPT)

Arthroscopic subacromial spacer implantation in patients with massive irreparable rotator cuff tears: is it a good option for treatment? – our experience
Monica FERNANDEZ ALVAREZ, Carlos GALINDO RUBIN, Marta DE PRADO TOVAR, Gonzalo GÓMEZ DEL ÁLAMO, Angel Rafael SERRANO CRIADO, Francisco Javier GÓMEZ CIMIANO (SPAIN)

Our experience with ice-cream cone reconstruction system for periacetabular defects: a series of nine cases
Monica FERNANDEZ ALVAREZ, Carlos GARCÉS ZARZALEJO, Marta DE PRADO TOVAR, Michel FAKKAS FERNÁNDEZ, Ricardo Manuel BOLLOQUE GONZALEZ, Luis ESTELLÉS MARCOS DE LEÓN (SPAIN)

A critical differential diagnosis in sciatica: a thigh tumour
Wei-Ting WANG (TAIWAN)

Experiences with the osseointegrated prostheses for the rehabilitation of trauma patients
Otto MORICZ[1], Laszlo Gergely NÖT[1], Norbert WIEGAND[1], Rickard BRANEMARK[2]
[1](HUNGARY), [2](UNITED STATES)

Clinical and radiological evaluations after balloon kyphoplasty for osteoporotic vertebral compression fracture: minimum one-year follow-up
Masahiro MORITA, Hiroaki NAKAMURA (JAPAN)

Evaluation of inferior capsular laxity in atraumatic multidirectional shoulder instability by magnetic resonance arthrography
Ho-Seung JEONG, Kyoung-Jin PARK (SOUTH KOREA)

Salvage of extremities with long bone defects and soft-tissue defects with microsurgical transplantation of complex vascularised fibulas
Oleksandr STRAFUN, Igor KURINNYI, Sergiy STRAFUN, Oleksiy DOLGOPOLOV (UKRAINE)

Patient satisfaction and health literacy in patients undergoing orthopaedic surgery
Elaine TRAN, Andrew ROSENBAUM, Daniel CEPELA (UNITED STATES)

Levels of pleiotrophin in serum and synovial fluid of knee osteoarthritis patients and correlation with clinical, laboratory and radiological indices
Nora ELSAID, Samia FADDA, Iman BASSYOUNI, Rania KHALIFA (EGYPT)

Strength measurement after Achilles tendon surgery
Henrik BAECKER, James Turner VOSSELLER (UNITED STATES)

Fracture calcaneus early weight-bearing
Yasser ALLAM, Maamon ABDULMOGNI ALJONAID (SAUDI ARABIA)

Intra-articular platelet-rich plasma injection after arthroscopic hip labral repair: to use or not to use?
Mohamed ABD EL-RADI[1], Hatem Galal SAID[1], Jesús MÁS MARTÍNEZ[2], Hesham EL-KADY[1], Mohamed ABDEL HAMID MORSY[1], Oliver MARIN-PEÑA[2], Javier SANZ-REIG[2]
[1](EGYPT), [2](SPAIN)

Lamina-specific repair for delaminated rotator cuff tear: clinical and MRI follow-up
Seong Man LEE, Won Ju JUNG, Yoon Gi KIM, Hyung Gyu JANG (SOUTH KOREA)

Is there any reason for concern about light handle contamination in orthopaedic operating theatres?
Anoop ANAND, Brijesh AYYASWAMY, Achyut GULERI (UNITED KINGDOM)

Deltoid ligament augmentation instead of trans-syndesmotic screw fixation: a series of cases studies
Ting LI, Zhijian SUN, Xu SUN, Xieyuan JIANG, Xinbao WU (CHINA)

Treatment of paediatric femur shaft fractures with immediate hip spica cast in low resource settings or disaster situations
Florent Anicet LEKINA, Emmanuel MOHAMADOU GUEMSE (CAMEROON)

Attention to the radial head subluxation or delayed dislocation in proximal ulnar fractures and elbow injury children
Xinhong PEI, Peng HUANG (CHINA)

Hinged knee prosthesis as an option in primary total knee replacement
Santhosh Srinivasan SEKAR, Gokul Raj DHANARAJ (INDIA)

NOTES

About Montréal

A striking union of European charm and North American attitude, Montréal seduces visitors with a harmonious pairing of the historic and the new, from exquisite architecture to fine dining.

Once home to the First Nations people, this island gem on the magnificent St. Lawrence River in time saw travellers from far and wide land on its shores before becoming a bustling port city. The French colonists were the first to arrive, followed by the English, the Scottish and the Irish. Later, myriad peoples from around the world settled the lush swaths stretching up to Mount Royal.

Today, 120 distinct ethnic communities are represented in its population of more than 3.6 million, making Montréal a veritable mosaic of cultures and traditions. The world's second largest francophone city after Paris, it merits the moniker 'international' city, a cosmopolitan centre with proud roots in the past that enthusiastically embraces the future. A world leader in such industries as aeronautics, information technology and biotechnology, the city has also made significant innovations in medicine, multimedia, the arts and urban planning. Its avant-garde spirit has not gone unnoticed: in 2006, Montréal was named a UNESCO City of Design.

Day and night, Montréal pulses with activity. Each season, it is host to an array of events, exhibitions and gatherings for the thousands of culture, nature and thrill seekers who come here to enjoy its diverse offerings. While Montréal's masterful chefs continue to elevate its reputation as a gourmet destination, creative artists and artisans draw admirers in droves to the haute couture ateliers, arts galleries and charming boutiques that line the city streets.

Getting around the city on a day-to-day basis is hassle-free. Its streets, vast parks, underground pedestrian network, and métro system are safe and easy to navigate. The best way to get to know the city is on foot, through any one of its many colourful and vibrant neighbourhoods which overflow with markets, boutiques, restaurants and local cafés—diverse expressions of the inhabitants' joie de vivre. Montrealers are naturally charming and quite often multilingual. Their spontaneity and ability to welcome visitors have propelled Montréal to its current position of international host city, where some of the world's most exciting events are held annually. When one considers the urban landscape and its inhabitants, this seems only natural.

More information can be found on the Tourisme Montréal website: www.mtl.org

Who do I contact in case of emergency?

You may dial 9-1-1 at any time. The service is free from a pay phone and available in French and English. Operators are in contact with emergency firefighter, police and ambulance services at all times.
It is always a good idea to buy medical travel insurance in advance.

Québec Poison Control Centre: +1 800 463-5060

Info-Santé: 811 – In case of a non-urgent problem, you may dial this number to reach a health professional easily.

Consulates

There are over 100 consulates in Montréal.
Visit www.yellowpages.ca for the complete listing.
Below are the numbers for the six most often requested consulates:

Consulate General of France	+1 514 878-4385
Consulate General of Great Britain	+1 514 866-5863
Consulate General of the United States of America	+1 514 398-9695
Consulate General of the Federal Republic of Germany	+1 514 931-2277
Consulate General of Mexico	+1 514 288-2502
Consulate General of Japan	+1 514 866-3429
Consulate General of Pakistan	+1 514 845 2297 – 98
Consulate General of Republic of China	+1 514 419 6748
Consulate General of Egypt	+1 514 866 8455

What are the applicable taxes in Québec and on what goods do I pay them?

A federal Goods and Services Tax (GST) of 5% is charged on most goods and services in Canada. A Québec provincial tax (TVQ) of 9.975% is added to all goods and services purchased in the province of Québec.

What is the official currency of Canada?

The Canadian currency is the dollar, which is divided into 100 cents. There are 5, 10, 20, 50, and 100 dollar bills. One and two dollar bills have been replaced by coins, sometimes referred to as "Loonies" (the bird on the $1 is a loon) and "Toonies" ($2).

What is the rule for tipping?

Service is not included in restaurants, so it is customary to add a 15% tip to the total before taxes (if you're with a group, 15% for service may be automatically added to your bill). Taxi drivers, hairdressers, etc. are also normally tipped 15%. Bellhops, porters, doormen, etc. generally receive at least $1 per suitcase or per service rendered.

Where can I find tourist information?

The following resources offer further tourist information:

Info Tourist Center - Downtown
1255 Peel Street
Métro: Peel
From within Canada: 1 877 Bonjour (266-5687)
From anywhere in the world: +1 514 873-2015
www.quebecoriginal.com/en-ca

Tourist Welcome Office - Old Montréal
174 Notre-Dame Street East
Métro: Champ-de-Mars
www.tourisme-montreal.org

What is the temperature in Montréal?

www.weatheroffice.gc.ca/canada_e.html
www.theweathernetwork.com

What is the time zone?

Montréal switches to Eastern Daylight Time (summer time zone) on the second Sunday of March and returns to Eastern Standard Time (winter time zone) on the first Sunday of November. The time difference between Montréal time and Greenwich Mean Time is less than 5 hours in the winter.

What are the opening hours of shops?

Most shops are open Monday to Wednesday from 09:00 to 18:00, Thursday to Friday from 09:00 to 21:00 and Saturday and Sunday, from 10:00 to 17:00. They are usually closed on legal holidays – and on January 2 in majority of cases – but some establishments (supermarkets, SAQ outlets, etc.) may still be open.

What is the system of weights and measure and what type of electrical current is used?

Canada uses the metric system. Electrical outlets in Canada provide the same current as in the United States: 120 volts (60 cycles). If your appliances are designed for a different standard, you will need to use a converter.

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L. Reid Nichols, MD, Certified Ponseti Provider and patient

L. Reid Nichols, MD
Lower Extremity Specialist

Jean M. Franzone, MD
Limb Deformity Specialist

Kathryn Fazio, PA-C
Physician Assistant

Reenee Donohoe, PT, DPT, PCS
Physical Therapist

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2018–19

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RESTAURANT SUGGESTIONS

Da Emma
(old Montréal) Italian
Refined Roman dishes, including handmade pastas & a vast wine cellar, in a warm subterranean space.
Address: 777 Rue de la Commune O, Montréal, QC H3C 1Y1
Phone: +1 514-392-1568

Icehouse
Address: 51 Rue Roy E, Montréal, QC H2W 2S3
Phone: +1 514-439-6691

Le Muscadin
Spacious restaurant featuring classic Italian recipes, 20,000 bottles of wine & a seasonal terrace.
Address: 443 St Vincent St, Montréal, QC H2Y 3A6
Phone: +1 514-842-0588

Helena
Portuguese cuisine with a modern twist & focus on local ingredients served in a chic, stylish space.
Address: 438 McGill St, Montréal, QC H2Y 2G1
Phone: +1 514- 878-1555

Garde Manger: Old Montréal
€€€ - Fine Dining Restaurant
Happening bar-like locale for seafood-focused eats like lobster poutine from celebrity chef Chuck Hughes.
Address: 408 Rue Saint François Xavier, Montréal, QC H2Y 2S9
Phone:+1 514-678-5044

Le Bremner: Old Montréal
€€€€ - Seafood Restaurant
Celebrity Chef Chuck Hughes delivers eclectic seafood comfort food with raw options in a cozy sunken space.
Address: 361 Rue Saint Paul E, Montréal, QC H2Y 1H2
Phone: +1 514-544-0446

Portus 360°
360-degree rotation of the restaurant
€€€ - Portuguese seafood specialties. Restaurant with a 360° unobstructed view of Montréal.
Address: 777, boulevard Robert-Bourassa, Montréal, QC H3C 3Z7
Phone: +1 514-849-2070

Restaurant Chez l'Épicier
Old Montréal
€€€ - Eclectic Restaurant
Chef Laurent Godbout's eclectic French cuisine, with whimsical presentations and tasting menus.
Address: 311 Rue Saint Paul E, Montréal, QC H2Y 1H3
Phone: +1 514-878-2232

Taverne F: Old Montréal
€€ - Portuguese Restaurant
In bright, hip surrounds, this Portuguese small-plates venue offers unusual bites, beer & wine.
Address: 1485 Rue Jeanne-Mance, Montréal, QC H2X 2J4
Phone: +1 514-289-4558

Restaurant Chez Lévêque
Trendy Laurier Street
€€ - French Restaurant Outremont
Tongue-in-cheek bistro plays with church themes & offers classic French fare plus a terrace.
Address: 1030 Avenue Laurier O, Outremont, QC H2V 2K8
Phone: +1 514-279-7355

Bouillon Bilk
Eclectic Cuisine
€€€ - French Influence
Modern eclectic cuisine with a French influence served in a bright, minimalist-chic space.
Address: 1595 Boulevard Saint-Laurent, Montréal, QC H2X 2S9
Phone: +1 514-845-1595

Mangiafoco
Comforting Food
€€ - Italian Restaurant
Creative Neapolitan pizzas & high-concept mozzarella pairings are highlights at this trendy space.
Address: 105 Rue Saint Paul West, Montréal, QC H2Y 1Z3
Phone: +1 514-419-8380

Khyber Pass Restaurant
Cozy but memorable restaurant
€€ - Afghani Restaurant
Family-friendly BYOB featuring Afghan dishes like meat kebabs, lamb specialties & lentil soup.
Address: 506 Avenue Duluth East, Montréal, QC H2L 1A7
Phone: +1 514-844-7131

La Banquise
You can only find it here "Famous Poutine"
€ - Fast Food Restaurant
All-night diner for Québécois grub & local microbrews, with many poutine options & hefty breakfasts. Montréal is known for its poutine. A must try!!!
Address: 994 Rue Rachel East, Montréal, QC H2J 2J3
Phone: +1 514-525-2415

Schwartz's
A Montréal Landmark
€ - Smoke Meat Shop
Renowned deli, one of the oldest in Canada, offering huge sandwiches, smoked meats & more.
Address: 3895 Boulevard Saint-Laurent, Montréal, QC H2W 1X9
Phone: +1 514-842-4813

For a more complete restaurant guide please visit:
www.tourisme-Montreal.org/Cuisine/Restaurants
experienceoldMontreal.com/en
www.restoMontreal.ca

Double modernity for Dual mobility

FRIDAY OCTOBER 12TH, 2018
Room 520AB
1:00 pm till 2:00 pm

SYMPOSIUM

- Contemporary dual mobility: requirements and solutions
- Dual mobility and anterior approach
- Hip spine relationship: which place for dual mobility?
- Dual mobility: the best solution for a fast recovery
- Matched dual mobility versus standard cup on the consolidated hip
- Conclusion

Moderators

J. CATON
J.L. PRUDHON

Speakers

A. FERREIRA
P. KOUYOUMDJIAN
S. LUSTIG
J.L. PRUDHON
J.M. PUCH
T. ASLANIAN

groupe lépine

Depuis 1714

39th SICOT Congress
Palais des Congrès
Montréal, CANADA

October 10 - 13, 2018 | Booth 515-614

DOWNTOWN MONTRÉAL

International Society of Orthopaedic Surgery and Traumatology (SICOT)
October 10-13, 2018
Palais des congrès de Montréal (Montréal Convention Centre)

GENERAL CONGRESS INFORMATION

Congress Venue

Palais des Congrès de Montréal
1001 Place Jean-Paul-Riopelle, Montréal
Tel.: +1 514 871-8122
Fax: +1 514 871-9389
E-mail: info@congresmtl.com
Website: congresmtl.com

App

The Congress app will enable you to browse the comprehensive scientific programme and communicate with fellow attendees, moderators and speakers. You will also be able to check out who and where the exhibitors are in the Exhibition Hall. You can download the "SICOT World Congress 2018" app from the Apple App Store and the Google Play Store.

SICOT Secretariat

The SICOT Secretariat is located in in Room 525B on Level 5.

Opening hours (subject to change):

Wednesday, 10 October	08:00-10:00 / 12:00-14:00 / 16:00-17:30
Thursday, 11 October	08:00-10:00 / 12:00-14:00 / 16:00-17:30
Friday, 12 October	08:00-10:00 / 12:00-14:00 / 16:00-17:30
Saturday, 13 October	08:00-10:00

Registration Area

The Registration Area is located in the foyer on Level 5. Here delegates will also be able to buy tickets for the social events.

Opening hours:

Wednesday, 10 October	07:00-18:00
Thursday, 11 October	07:00-17:30
Friday, 12 October	06:30-17:30
Saturday, 13 October	07:00-12:00

On-site Registration Fees

Congress

SICOT Active Members	EUR 400
SICOT Associate Members	EUR 250
Non-Members	EUR 600
Non-Member Trainees	EUR 350
Nurses	EUR 250

Registration fees for the Congress include:

- access to the
  - Opening Ceremony
  - Scientific Sessions
  - Exhibition Hall
  - e-Poster Area
  - AAOS Orthopaedic Video Theater
  - Closing Ceremony
- Congress App
- Congress Bag
- Final Programme
- Pocket programme at a glance
- 23 European CME Credits
- Certificate of Attendance (sent by email after the Congress)

The fees do not include:

- tickets for the 8th SICOT Educational Day, 27th Cooperative Course for Polytrauma Management, Cadaver Labs, Welcome Reception, and Networking Event
- lunches and beverages
- optional tours
- accommodation costs

8th SICOT Educational Day

All EUR 50

27th Cooperative Course for Polytrauma Management

All EUR 50

Cadaver Labs

All EUR 150

Social Programme

Opening Ceremony	Free
Welcome Reception	EUR 15
Networking Event	EUR 70
Closing Ceremony	Free

Entitlements	*Delegates:*	*Exhibitors:*
Scientific Sessions	★	★
Exhibition Hall	★	★
Lunches (Industry Symposia)	★	n/a
Certificate of Attendance	★	n/a
Opening Ceremony	★	★
Closing Ceremony	★	★

GENERAL CONGRESS INFORMATION

Badges

All registered participants are kindly requested to wear their name badge at all times. Only participants who are wearing their badge will be admitted to the scientific sessions.

Please note that accompanying persons will not be admitted to the scientific sessions.

Name badges are colour-coded as follows:

Blue	Delegates
Yellow	VIP
Red	Faculty
Green	Exhibitors
Black	Organisers

Certificates of Attendance

The Certificates of Attendance will be sent after the Congress by email to delegates who have picked up their badges.

Exhibition

We invite you to visit the industry exhibition in the Exhibition Hall on Level 5 of the Palais des Congrès de Montréal from 11 October to 13 October.

Opening hours:

Thursday, 11 October	08:00-17:30
Friday, 12 October	08:00-17:30
Saturday, 13 October	08:00-12:00

AAOS Orthopaedic Video Theater

Peer-reviewed, high-quality, non-biased video presentations feature topics from anatomy and arthroscopy to demonstrations of cutting-edge techniques. Ten subspecialties are represented and videos from renowned experts and innovators around the globe are provided in this Video Theater in the Exhibition Hall.

Many of the orthopaedic surgeons who participate in the peer review process are pioneers in their field. Videos are reviewed by topic experts, providing you with valuable information, as well as pearls and pitfalls you need to improve patient outcomes.

Each video includes indications, pre- and post-operative images, references, and many include outcomes information. The videos provide you with perspective from the surgeon's point-of-view, and from the surgeon's side of the table.

Internet

Free WiFi is available to delegates in the Palais des Congrès de Montréal, except for the Exhibition Hall.

Mobile Phones

Participants are kindly requested to keep their mobile phones switched off or muted in the meeting rooms while sessions are being held.

Charging Stations

The Palais des Congrès de Montréal has outlets in the common areas of level 5 where participants can sit and work or simply relax. There are also charging stations that are accessible at all times and where the device can be locked up while charging.

Dress Code

The dress code for the Congress is smart casual. We recommend that you bring a light jacket for the session rooms at the Palais des Congrès as it may feel cold at times due to air conditioning. The dress code for the Networking Event is smart casual.

Emergency/First Aid

For any emergency or first aid services inside the convention centre, please dial "555" from any available house phone. Outside the convention centre, the emergency number is 911.

Useful Telephone Numbers

514 is the area code for Montréal.
When making phone calls within Montréal, the area code must be dialled. To dial a number within North America, press 1 followed by the area code, then telephone number. To dial a number overseas, press 011 followed by the country code, area code, and telephone number.

St. Mary's Hospital	+1 514-345-3511
St. Luc Hospital	+1 514-890-8000
Jewish General Hospital	+1 514-340-8222
McGill University Health Centre Glenn Site	+1 514-934-1934
Taxi Service	+1 514-725-9885
Montréal Trudeau Airport	+1 514-394-7377

Information

Should you require any assistance during the Congress, please go to the Registration Desk, which is in service for the entire duration of the Congress. Alternatively, call +1 514-616-3377 and a staff member will answer you.

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GENERAL CONGRESS INFORMATION

Lost and Found

Any lost and found items will be held at the Registration Desk for the duration of the event. For any unclaimed items after the Congress, please contact Linsa Inc.:

Tel.: +1 514 924 3476 / +1 450 458 1696
Skype: ripley9423
E-mail: lsalvati@linsa.ca

Parking

There are several parking areas at or near the Palais des Congrès, including the following:
Indoor parking lot (400 spots) on Viger Ave, via Chenneville Street
Indoor parking lot (1200 spots) accessible via St. Antoine Street
Payments accepted: cash, VISA, MasterCard

Print Center

The Palais des Congrès does not offer a business center. There is a copy center, MP Photo, located at 210 de la Gauchetière West easily reachable by a walkway north of the convention center just opposite the main escalator on the ground floor. More specific directions can be obtained at the Registration Desk.

Public Notice – Smoking

The Palais des Congrès is a smoke-free environment. Smoking is forbidden in all areas. Smoking is not allowed in any public building including restaurants and terraces. Smoking is allowed 9 meters (30 feet) from the building doors.

Public Policy Statement & Safety

The well being of SICOT Montréal OWC 2018 Congress delegates, speakers, staff and all others associated with all SICOT 2018 events are of the highest priority for the organizers. Unfortunately, we find ourselves at a time when everyone involved in the planning and execution of the SICOT 2018 Congress needs to be vigilant to ensure that the event goes on unobstructed by security or safety related issues. It will be necessary therefore for SICOT 2018 Congress planners to employ the necessary professional expertise to successfully protect and prevent, as well as to immediately respond to, any situation that might occur intentionally or otherwise during the Congress.

All individuals entering the venue may be subject to a visual and possibly a physical body search, and packages and baggage may be searched or screened before entering the venue, and at any time during the event.

All physical body searches will be done professionally and in a respectful and courteous manner.

Everyone has a role to play in safety and security. Please remain vigilant and aware of your surroundings at all times and please report any suspicious activity or incident to the Registration Desk.

We thank you for your cooperation and patience on the matter of safety.

In the event of an emergency, please use the staircases marked with the word SORTIE (exit), located at the end of the corridors outside each lecture hall. Under no circumstance should elevators be used in the event of an emergency. For any emergency or first aid services inside the convention center, call 555.

Insurance & Liability

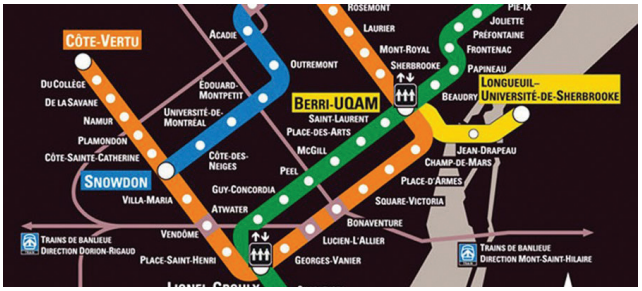
By registering for the Congress, participants agree that neither the Organising Committees nor the Congress Secretariat assume any liability whatsoever. The organisers will not be responsible for the loss or damage of personal belongings; for any changes in the programme due to external or unforeseen circumstances; or for any individual, medical, travel or personal insurance.
While every attempt is made to ensure efficient, trouble-free hospitality, including hotel accommodation, sightseeing and tours, participants are advised that no liability accrues to the organisers in the event of any necessary modifications, including change in itineraries for tours due to delays or cancellations of flights or other exigencies beyond the organisers' control.

Public Transportation

Métro
Place-d'Armes Station (orange line)

Bus
Bus lines 55 and 139 stop in front of the Palais des Congrès. Visit the Société des transports de Montréal (STM) website to find the best bus route near you.

Bixi Bixes
Bicycle racks are available around the Palais and in the indoor parking lot on Viger.



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Triathlon design elements provide initial stability for biologic fixation.[1,2]

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Tritanium 3D printing enables complex designs to improve tibial fixation[3] and patella strength.[4]

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Size-specific peg design secures into denser regions of bone.[5]

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1. Bhimji S, Alipit V. The effect of fixation design on micromotion of cementless tibial baseplates. *Orthopaedic Research Society Annual Meeting*. 2012; Poster #1977. 2. Harwin S, et al. Excellent fixation achieved with cementless posteriorly stabilized total knee arthroplasty. *J Arthroplasty*. 2013;28(1):7–13. 3. Alipit V, Bhimji S, Meneghini M. A flexible baseplate with a partially porous keel can withstand clinically relevant loading. *Orthopaedic Research Society Annual Meeting*. 2013; Poster #0939. 4. Stryker Test Report RD-12-044. 5. Stryker Test Protocol 92911; D02521-1 v1.

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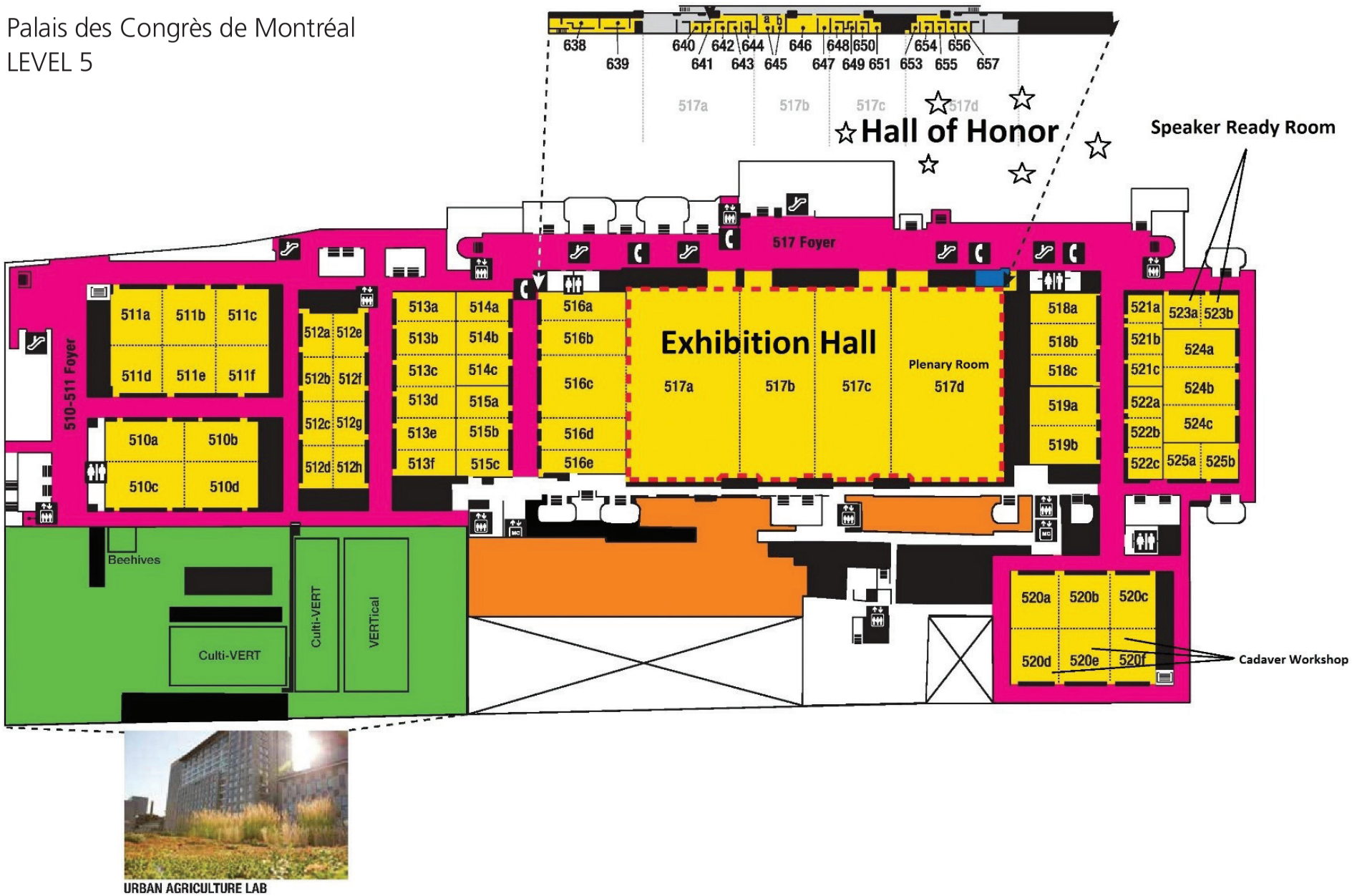

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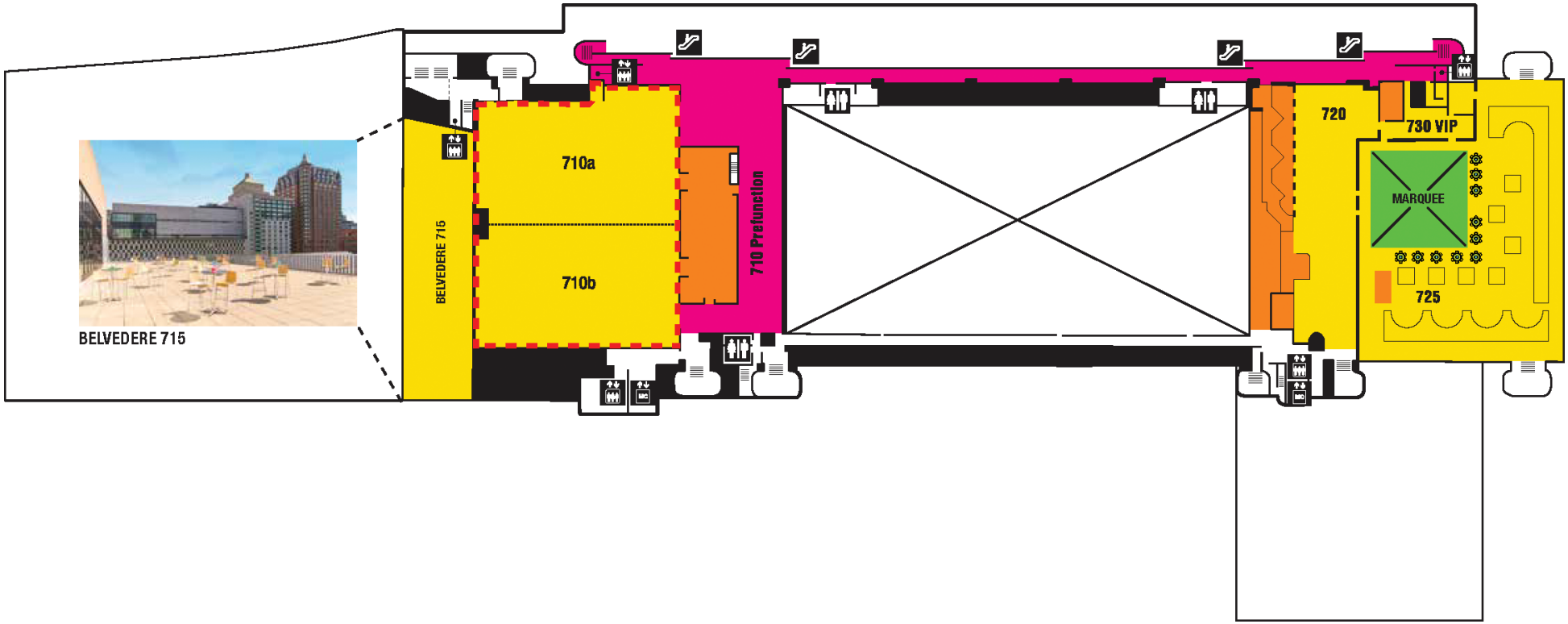


The Opening and Closing Ceremonies are included in the Congress registration fee. Tickets for the Welcome Reception and Networking Event can be bought in the Registration Area.

Opening Ceremony

Thursday, 11 October

Time	17:45-19:15
Venue	Room 517d, Palais des Congrès de Montréal
Fee	Free
Dress code	Business attire or casual

We are pleased to announce that Dr David Mulder will be the Keynote Speaker at the Opening Ceremony. He will be delivering a lecture about "A Tale of Two Institutions - Only in Canada".

Born in Eston Saskatchewan, Dr Mulder is the Head of the Division of thoracic surgery at the Montréal General Hospital, he is also the physician of the Montréal Canadiens. And in summer, he gives a helping hand to the Montréal Alouettes. He knows about traumas!

Yet, Dr David Mulder deserves credit for even more than that. He is one of the reasons the Montréal General Hospital is ranked among the top trauma centres in Quebec, having been fully committed to this field even before the discussions about an integrated trauma network in Quebec in 1991.

With Dr Léon Dontigny of Université de Montréal, Dr Mulder actively participated in the American College of Surgeons Committee on Trauma, reporting on the study materials for future Canadian surgeons and providing vital doctrines on efficient treatment of trauma. The second Canadian to preside over the American Association for the Surgery of Trauma, he has contributed to the international influence of the Trauma Association of Canada.

When Quebec's Ministry of Health and Social Services assessed which hospitals should be designated for tertiary trauma care, Dr Mulder was able to put the case for the Montréal General Hospital, resulting in its selection.

A passionate physician and renowned surgeon, Dr Mulder headed McGill University's Faculty of Cardiothoracic Surgery and then the Faculty of Surgery. The first person to be awarded the Rocke Robertson Chair in Surgery, he received the award of merit of the Montréal General Hospital and was honoured with the Order of the Canada.

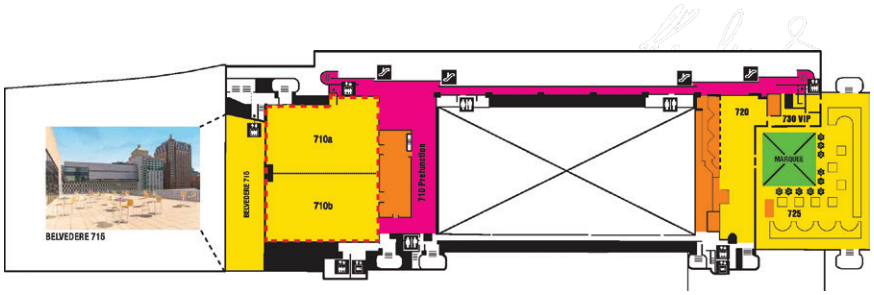
He has also written a number of important papers on trauma research and closely follows worldwide measures to reduce morbidity and mortality rates associated with trauma. Prevention is also very close to his heart.

In appreciation of the efforts and advances for which he has been a leader and inspiration, the Montréal General Hospital Foundation has funded a trauma research care chair bearing his name.

Welcome Reception

Thursday, 11 October

Time	19:15-21:30
Venue	Room 710, Palais des Congrès de Montréal
Fee	EUR 15
Dress code	Business attire or casual



Networking Event

Friday, 12 October

Time	19:30-23:00
Venue	New City Gas – 950 Ottawa St, Montréal, QC H3C 1S4 www.newcitygas.com
Fee	EUR 70
Dress code	Smart casual
Bus schedule	19:00 and 19:15
Theme	Cirque & the Streets of Montreal Food Fair

In the XIX century, the NEW CITY GAS Company of Montréal was responsible for introducing gas lighting to the streets and buildings of Montréal. It was housed in a complex built between 1859 and 1861. Today, the complex with its large roofs and stonework continues to be a visible presence in the urban landscape. It can be seen from all around Griffintown, the expressway and the train. In 1987, Heritage Montréal asked the City of Montréal to designate the NEW CITY GAS building a historic landmark. In 2007, it was recognised, protected and revitalised as part of the Griffintown project.

In 2009, the mission of the NEW CITY GAS complex shifted to accommodate all types of events within its multi-purpose spaces. Ambitious developers were inspired by the building and created an exclusive venue suitable for hosting shows and corporate events. It officially opened in May 2012 and is now internationally recognised simply as NEW CITY GAS. It has since welcomed many renowned international artists to the main stage as well as companies looking for a distinctive venue for their special events.

Closing Ceremony

Saturday, 13 October

Time	12:15-13:30
Venue	Room 517d, Palais des Congrès de Montréal
Fee	Free
Dress code	Business attire or casual

Numerous awards will be handed out and the Congress will be officially closed.

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Don't miss the presentation about beautiful Muscat in Oman, the host city of the 40th SICOT Orthopaedic World Congress to be held in December 2019. Come and celebrate SICOT's 90th anniversary with us!

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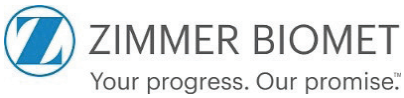

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OPENING HOURS

Thursday, 11 October	08:00-17:30
Friday, 12 October	08:00-17:30
Saturday, 13 October	08:00-12:00

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Regen Lab Technologies for Joint Pain Management

13:00-14:00 | Room 520a+b

Effectiveness of innovative medical devices for treating Hip Osteoarthritis and Haemophilic Arthropathy of the Knee joint – Experience from Ongoing Clinical Studies
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Double Modernity for Dual Mobility

13:00-14:00 | Room 520a+b

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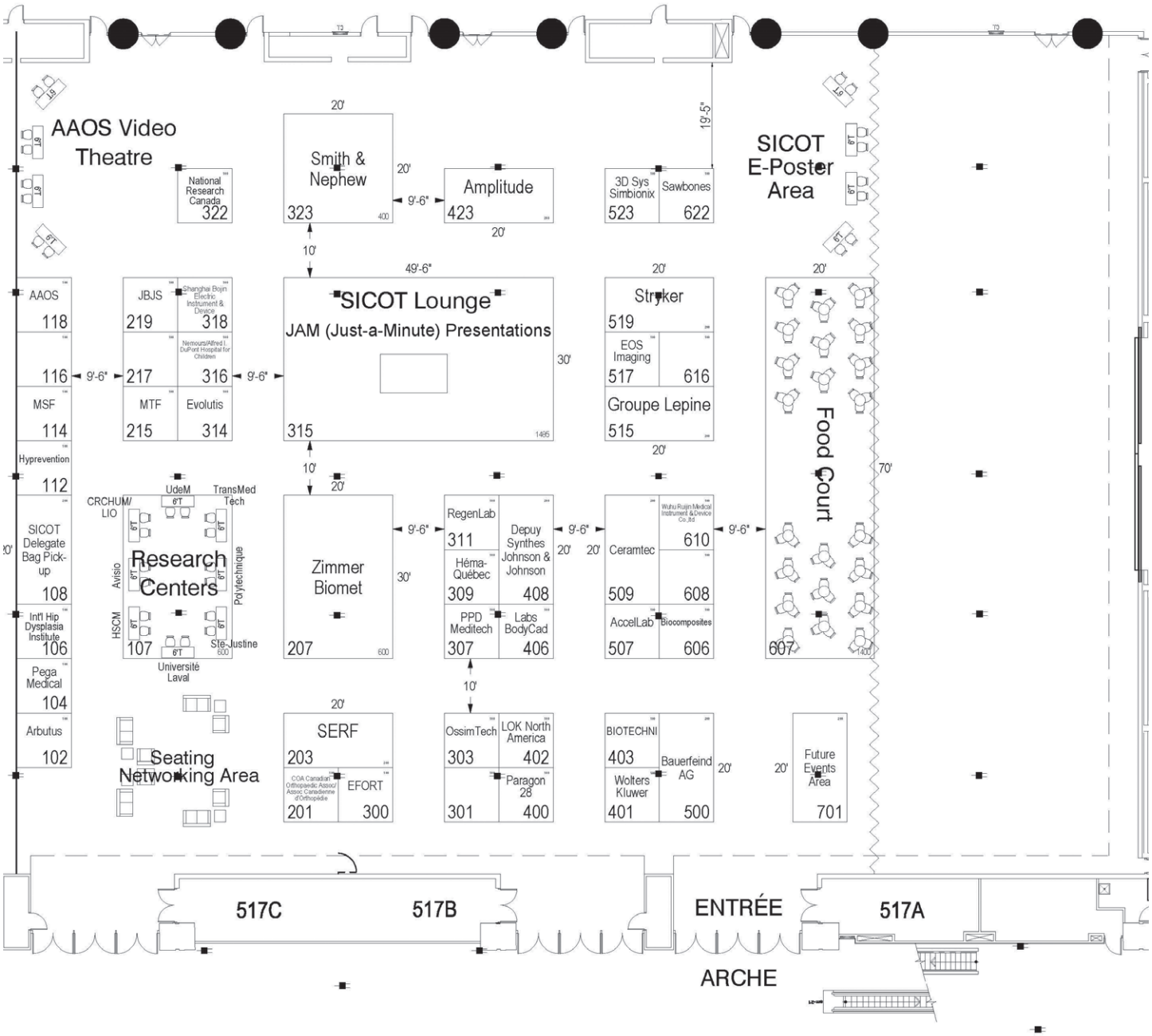

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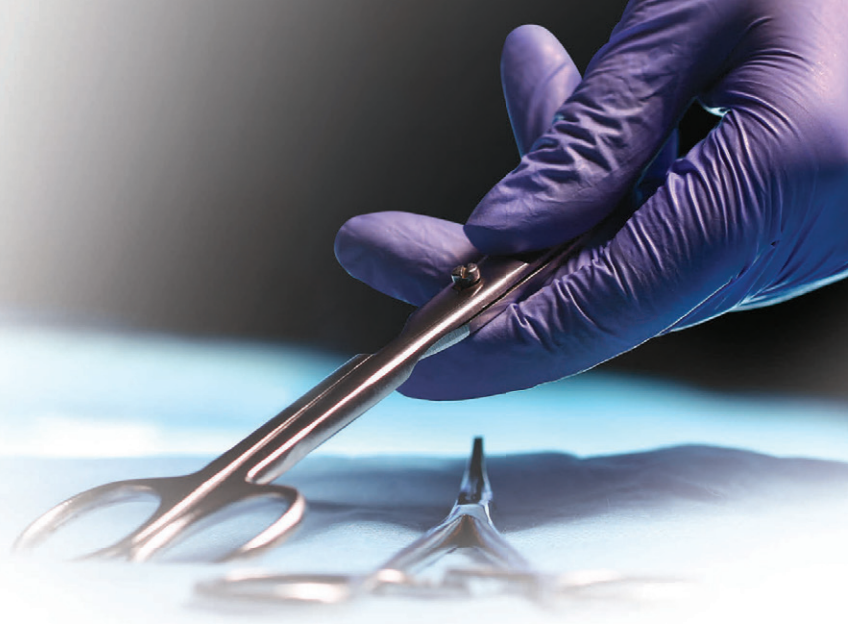

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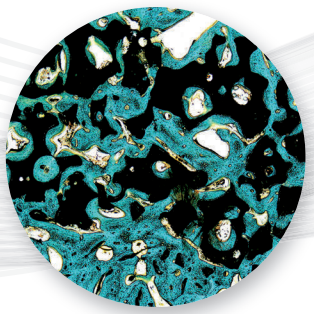

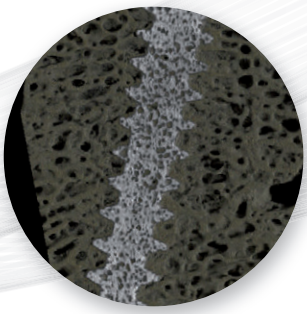

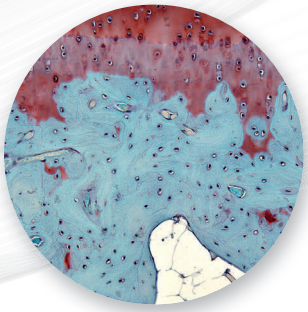

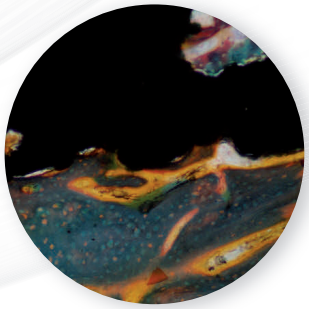

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