

Wednesday			
	Great Hall	Council Chamber	Room 3
12:30	How to Create a Successful Orthopaedic Implant	Tendon Research Group Presents The Role Of Tendon Stem Cells In Tendon Disease And Repair	
13:00			
13:30			
14:00			
14:30			
15:00	Clinical Trials and Statistics in Orthopaedic Research		
15:30			
16:00			
16:30			
17:00			Meet a Mentor Young Investigator Session
17:30			
18:00			
18:00	Welcome Drinks Reception		
19:30	Young Investigator Social		

Thursday			
	Great Hall	Council Chamber	Room 3
09:00	Keynote Address By Matt Costa		
	HIP 1 Bernd Grimm & Mike Whitehouse	KNEE 1 Enrique Gomez-Barrena & Andy Judge	CARTILAGE Denitsa Docheva & Sarah Dex
Talk 1 starts at 09:30:00	Pre-Operative Assessment & Critical Care Admission in hip/Knee Arthroplasty by Graham Walkden, S. Lewis & J. Soar Presented by Graham Walkden	Biomechanical Assessment of Novel Distal Angular Condylar Femoral Intramedullary Nail by Ahmed Karakasli, Fatih Ertem, Nihat Demirhan Demirkiran, Yunus Emre Bektas & Hasan Havitcioglu Presented by Fatih Ertem	Osteoarthritic Human Chondrocytes for Repair of Murine Segmental Tibial Defects by Alfred Kuo, Chelsea Bahney, Linsey Jacobs, Diane Hu, Hubert T. Kim & Ralph Marcucio Presented by Alfred Kuo

<p>Talk 2 starts at 09:42:00</p>	<p>The Effect of Approach on Outcome from Revision Hip Replacement by Julia Blackburn, D. Lim, I. Harrowell, M. Parry, A.W Blom & M.R. Whitehouse</p> <p>Presented by Julia Blackburn</p>	<p>Tourniquet use for total knee replacement surgery: a survey of patient perspectives by Imran Ahmed, Peter Wall, Louise Fraser & Andrew Sprowson</p> <p>Presented by Imran Ahmed</p>	<p>Hyaluronan Stimulates Chondrogenic Gene Expression of Inner Meniscus Cells by Takaaki Tanaka, Takayuki Furumatsu, Shinichi Miyazawa, Msataka Fujii, Hiroto Inoue & Toshifumi Ozaki</p> <p>Presented by Takaaki Tanaka</p>
<p>Talk 3 starts at 09:54:00</p>	<p>A Review of Outcomes Following Liner Dissociation from Harris-Galante Cups by Andrew Grazette, J Foote, M Whitehouse & A Blom</p>	<p>The Effect of Local Anaesthetic Infiltration on Chronic post-Surgical Pain after Total Hip and Knee Replacement: The APEX Randomised Controlled Trials by Vikki Wylde, Erik Lenguerrand, Rachael Gooberman-Hill, Andrew D. Beswick, Elsa Marques, Sian Noble, Jeremy Horwood, Mark Pyke, Paul Dieppe & Ashley W. Blom</p> <p>Presented by Ashley Blom</p>	<p>TGF-β2 Knockdown Under Osmolarity Improves Collagen Expression in Chondrocytes by Ufak Tan Timur, Anna van der Windt, Marjolein Caron, Tim J Welting, Pieter J Emans & Holger Jahr</p> <p>Presented by Ufak Tan Timur</p>
<p>Talk 4 starts at 10:06:00</p>	<p>Biomechanical Performance of Various Hip Labral Repair Techniques by Fatih Ertem Onur Hapa, Onur Basci, Levent Horoz, , Ahmet Karakasli & Hasan Havitcioglu</p> <p>Presented by Fatih Ertem</p>	<p>Geometric Accuracy of Elbow Flexion-Extension (F-E) Axis based on Approximation to the Epicondylar Axis by Zehao Tan, Yeong Huei Ng, Andy Yew, Chueh Loo Poh, Joyce Koh, Bernard Morrey, Howe Tet Sen.</p> <p>Presented by Zehao Tan, M.D</p>	<p>SOX-9 Expression in Chondrocytes is Regulated by Nrf2 by Holger Jahr, R. Beckmann, M. Tingart, T. Pufe & C. Wruck</p> <p>Presented by Rainer Beckmann</p>

<p>Talk 5 starts at 10:18:00</p>	<p>Development of an Acetabular Cup Loosening Detection Using Vibration Analysis by Abdullah A. Alshuhri, Anthony W. Miles & James L. Cunningham</p> <p>Presented by Abdullah A. Alshuhri</p>	<p>Method to Evaluate the Delamination Risk of TKA Polyethylene Materials by Thomas M Grupp, Bernhard Fritz, Ines Kutzner, Georg Bergmann & Jens Schwiesau</p> <p>Presented by Thomas M. Grupp</p>	<p>A Novel Tri-Layered Collagen Scaffold for Knee Osteochondral Defect Repair by Ashwanth Ramesh, Tanya Levingstone, Robert Brady, John Gleeson, Pieter Framma & Fergal O'Brien</p> <p>Presented by Ashwanth Ramesh</p>
<p>Talk 6 starts at 10:30:00</p>	<p>Are Ceramic Bearings Releasing Ions? By Alessandro Alan Porporati, J.P. Kretzer, R. Sonntag, H. Kiefer, J. Reinders, A. A. Porporati & R. Streicher</p> <p>Presented by A. A. Porporati</p>	<p>Hip Rotation as Risk Factor for ACL Injury in Females by Tadashi Yasuda, Yuki Yokoi, Keiichi Oyanagi & Kazutaka Hamamoto</p> <p>Presented by Tadashi Yasuda</p>	<p>Disc Regeneration using MSC Transplanted via the Endplate Route by Gianluca Vadala, Fabrizio Russo, Maria Musumeci, Francesca De Strobel, Marco Bernardini, Giulia De Benedictis, Luca Denaro, Domenico D'Avella, Rosaria Giordano & Vincenzo Denaro</p> <p>Presented by Gianluca Vadala</p>
<p>Break</p>			
	<p>HIP 2 Ashley Blom & Richie Gill</p>	<p>KNEE 2 Edward Valstar & Julia Blackburn</p>	<p>REGENERATION 1 Puck Vergroesen & Geoff Richards</p>

<p>Talk 1 starts at 11:00:00</p>	<p>Resistance to Damage of Materials for THR Bearing Surfaces by Piconi Corrado, Porporati, Alessandro Alan & Streicher, Robert Michael</p> <p>Presented by Corrado Piconi</p>	<p>Medium-to Long-Term evaluation of Contoured Focal Knee Resurfacing Prosthesis by Lily Li, Akash Patel, Humam Jundi & Harish Parmar</p> <p>Presented by Lily Li</p>	<p>Bone Turnover Markers In Nonunions Treated with Expanded Autologous Cell Therapy by Nicola Baldini, G. Ciapetti, C. Fotia, D. Granchi, M. Rojewski, P. Rosset & E. Gómez-Barrena</p> <p>Presented by TBA</p>
<p>Talk 2 starts at 11:12:00</p>	<p>Tibial Component Without Stem in a Trabecular Metal Cone Construct by Marrigje Meijer, Alexander L. Boerboom, Martin Stevens, Inge H. F. Reininga, Dennis W. Janssen & N. Verdonschot.</p> <p>Presented by Marrigje Meijer</p>	<p>Polyetheretherketone in an All Polymer Total Knee Arthroplasty by Temitope Adesina, S Ajami, MJ Coathup & GW Blunn</p> <p>Presented by Temitope Adesina</p>	<p>Low Doses of Proteasome Inhibitor, Bortezomib as a New local Treatment Against multiple Myeloma-Invivo by Seemun Ray, Ulrich Thormann, Ursula Sommer, Tha qif El Khassawna, Marcus Rhonke, & Volker Alt</p> <p>Presented by Tha qif El Khassawna</p>
<p>Talk 3 starts at 11:24:00</p>	<p>Analgesia in Hip Fractures. Do Fascia-Iliac Blocks Make Any Difference? by J Callear & K Shah</p> <p>Presented by J Callear</p>	<p>Finite Element Analysis of the Tibial Component Stem Orientation in Revision Total Knee Replacement by Benjamin Rastetter, Samantha J Wright, Sabina Gheduzzi, Anthony W Miles & Sally E Clift</p> <p>Presented by Benjamin Rastetter</p>	<p>Osteoporosis Affects Stem Cell Migration that is Ameliorated by CXCR4 by Anita Sanghani, Coathup M; Samazideh S; Kalia P; Di Silvio L & Blunn G.</p> <p>Presented by Anita Sanghani</p>

<p>Talk 4 starts at 11:36:00</p>	<p>Early Death Following Revision Total Hip and Total Knee Arthroplasty by Mark D Jones, Michael Parry, Michael Whitehouse & Ashley W Blom</p> <p>Presented by Mark D Jones</p>	<p>Development and Validation of Knee Simulator: Beyond Squatting by Matthias Verstraete, Stefaan Van Onsem, C. Stevens, Stijn Herregodts, Nele Arnout, Jan Victor,</p> <p>Presenting by Matthias Verstraete</p>	<p>Are Osteocytes Involved In Implant Degradation And Bone - Implant Anchorage? by Seemun Ray, Thaqif El Khassawna, Ulrich Thormann , Ursula Sommer , Marcus Rhonke, Michael Gelinsky, Thomas Hanke,Christian Heiss & Volker Alt</p> <p>Presented by Thaqif El Khassawna</p>
<p>Talk 5 starts at 11:48:00</p>	<p>Role of Toll-like Receptor 4 in Immunological Responses to Cobalt by Helen Lawrence, David J Deehan, James P Holland, John A Kirby & Alison J Tyson-Capper</p> <p>Presented by Helen Lawrence</p>	<p>Arthroplasty Induced Post-Traumatic Immunosuppression is Reversed by Anti-Coagulated Salvaged Blood by Nahidul Islam, Michael Whitehouse, Sanchit Mehandale, Ashley Blom, Gordon Bannister, Rhodri Ceredig & Benjamin Bradley</p> <p>Presented by Michael Whitehouse</p>	<p>Expanded Autologous MSCs / Biomaterials in Nonunions: a European Clinical Trial by Enrique Gomez-Barrena, Philippe Rosset, Philippe Hernigou, Florian Gebhard, Christian Ehrnthaller, Nicola Baldini & Pierre Layrolle, On behalf of the REBORNE Consortium.</p> <p>Presented by Enrique Gomez-Barrena</p>

<p>Talk 6 starts at 12:00:00</p>	<p>Computational Analysis of Taper Junction Fretting of Femoral Hip Implants by Dennis Janssen, T. Bitter, B.W. Schreurs, T. Marriott, I. Khan & N. Verdonschot</p> <p>Presented by Dennis Janssen</p>	<p>Do CAS-Measurements Correlate with EOS 3D Alignment Measurements in TKA? by Marringje Meijer, Alexander L. Boerboom, Sjoerd K. Bulstra, Inge H. F. Reininga & Martin Stevens.</p> <p>Presented by Marringje Meijer</p>	<p>COL1A1, COL5A1 AND GDF5 Polymorphisms, Associated with Rotator Cuff Disease by & Inmaculada del Catillo, MD</p> <p>Presented by Sonia Vidal Rodriguez</p>
<p>Talk 7 starts at 12:12:00</p>	<p>Refixation of loosened Hip Prostheses: Osteogenic Capacity of Periprosthetic Tissue Cells by Monique A.E. Schoeman, A.E. Oostlander, K.E. de Rooij, C.W.G.M. Löwik², E.R. Valstar & R.G.H.H. Nelissen</p> <p>Presented by Monique A.E. Schoeman</p>	<p>Can Magnetic Resonance Imaging (MRI) Scans Be Used To Determine Pre-Operative Knee Alignment In Patients With Osteoarthritis? By Rakan Kabariti, Niall Sullivan & Michael Whitehouse</p> <p>Presented by Rakan Kabariti</p>	<p>The Effect of Subacromial Corticosterids Injections on Normal and Injured Rotator Cuff: Biomechanical and Imaging Study in Rats by Oleg Dolkart, Yehuda H, Zarfati Y, Brosh T, Chechik O & Maman E.</p> <p>Presented by Oleg Dolkart</p>
<p>Talk 8 starts at 12:24:00</p>		<p>What Factors Affect Patient Decision-Making in Knee Replacements? by Timothy Barlow, Damian Griffin, Pat Scott & Alba Realpe</p> <p>Presented by Timothy Barlow</p>	<p>Tendon Reattachment Using Demineralized Bone Matrix and Mesenchymal Stem Cells by Tanujan Thangarajah, Catherine J Pendegrass, Shirin Shahbazi, Simon Lambert, Susan Alexander & Gordon W Blunn</p> <p>Presented by Tanujan Thangarajah</p>

<p>Talk 9 starts at 12:36:00</p>		<p>Does Malalignment Affect Outcome Following Knee Replacement and Revision Rates: A Systematic Review by M. Hadi, T. Barlow, I. Ahmed, M. Dunbar & D.Griffin</p> <p>Presented by I. Ahmed</p>	<p>The Effect of Scoliosis Implant Design Parameters on Whole Spine Mechanical Behaviour by Arts J.J., Hazrati Marangalou J., Meijer G., Ito K., van Rietbergen B., & Homminga J. J.</p> <p>Presented by Arts J.J.</p>
	<p>Simpleware Workshop</p>		
<p>Lunch</p>			
<p>13:30</p>	<p>Keynote address by Professor Alice Roberts, Two Legs Bad</p>		
	<p>HIP 3 Stephane Descamps & Chris Arts</p>	<p>SPINE AND UPPER LIMB 1 Gianluca Vadala & Brett Rocos</p>	<p>SOFT TISSUES INJURY & REPAIR Angela Oostlander & Holger Jahr</p>
<p>Talk 1 starts at 14:00:00</p>	<p>Impact and Preference for Treatment of Infection after Joint Replacement by Andrew Moore & Rachael Goberman-Hill</p> <p>Presented by Rachael Goberman-Hill</p>	<p>Raman Spectroscopic Study of Cancerous and Irradiated Human Mandible Bone by Surya P. Singh & I. Parviainen</p> <p>Presented by TBA</p>	<p>Extreme Femoral Valgus Following Lateral Plate Fixation of Femur Fracture by Ahmed Ezzat & Christopher Iobst</p> <p>Presented by Ahmed Ezzat</p>

<p>Talk 2 starts at 14:10:00</p>	<p>Rest and Movement Pain Hip and Knee Replacement by Adrian Sayers, Vikki Wylde*, Erik Lenguerrand, Andrew Beswick, Rachael Gooberman-Hill, Mark Pyke, Paul Dieppe & Ashley W Blom</p> <p>Presented by Adrian Sayers</p>	<p>A Meta-Analysis of the Long-Term Outcomes of Distal Radius Fractures by Conor Gouk, Paul Rebgetz & Michael Thomas</p> <p>Presented by Conor Gouk</p>	<p>Layered Stem Cell Differentiation by a Biomimetic Osteochondral Defect Repair Scaffold by Conor Moran , Levingstone, TJ.1, 2, 3 & O’Byrne JM.1, 4, O’Brien, FJ1, 2, 3</p> <p>Presented by Conor Moran</p>
<p>Talk 3 starts at 14:20:00</p>	<p>Do Cobalt and Chromium Products Affect the Formation of an Extracellular Matrix? by Hayley Floyd, Janet Lord, Edward Davies, Owen Addison & Liam Grover</p> <p>Presented by Hayley Floyd</p>	<p>Bryan Disc Arthroplasty versus Anterior Cervical Iscectomy and Fusion. A Systematic Review of Level I-II RTCs by María Aragonés, Eduardo Hevia, Alberto Caballero & Carlos Barrios</p> <p>Presented by Eduardo Hevia</p>	<p>Decellularized Osteochondral Graft: Process Development by L Barnouin & Elise Gunzel- Saint-Upery</p> <p>Presented by L Barnouin</p>
<p>Talk 4 starts at 14:30:00</p>	<p>Self-Reported Systemic Complaints in Patients with Metal-on-Metal Hip Arthroplasty by Jetse Jelsma, R. Senden, M. Schotanus, N. Kort, B. Grimm & I. Heyligers</p> <p>Presented by Jetse Jelsma</p>	<p>Surgical Correction of AIS Patients does not Improve the Preoperative Limited Maximal Exercise Tolerance by Rafael Lorente, Luis Fernández- Pineda, Jesús Burgos, Luis M. Antón-Rodrigálvarez, Eduardo Hevia, Cristina Pérez-Encinas & Carlos Barrios</p> <p>Presented by Jesús Burgos</p>	<p>An Acellular and Viroinactivated Meniscus Allograft by E. Günzel, L, Barnouin, P. Delépine & F. Le Pape</p> <p>Presented by E. Günzel</p>

<p>Talk 5 starts at 14:40:00</p>	<p>Study of Biomechanical Screw Purchase Performances of Five Types of Cortical Screws: An Innovative Measurement Method by Ahmet Karakaşlı Mehmet Hilal Özcanhan, Ahmet Karaaslan, Ramadan Özmanevra, Fatih Ertem & Didem Venüs Yıldız</p> <p>Presented by Ahmet Karakaşlı</p>	<p>Rib Cage Modifications Following Surgery in Adolescent Idiopathic Scoliosis by Carolina Hernández, Jesús Burgos, Luis M. Antón, Vicente García, Eduardo Hevia & Carlos Barrios</p> <p>Presented by Jesús Burgos</p>	<p>Processed Meniscus Allograft: Preliminary Results of Phase II Study by Ruiz, N., Barnouin L. & Robert H.</p> <p>Presented by L Barnouin</p>
<p>Talk 6 starts at 14:50:00</p>	<p>Effect of Hip Implant Positioning on Edge-Loading Occurrence and Severity by Oscar O'Dwyer Lancaster-Jones, Mazen Al-Hajjar, Jonathan Thompson, Graham Isaac, John Fisher</p> <p>Presented by Oscar O'Dwyer Lancaster-Jones</p>	<p>Prevalence of Anaerobic Infections in Lumbar Disc Herniation. A Single-Centre Pilot Study by Eduardo Hevia, Andrea Paniagua, Carlos Barrios, Alberto Caballero, Ana Chiaraviglio & Jesus Flores</p> <p>Presented by Eduardo Hevia</p>	<p>Operative versus Non-Operative Management of Partial Anterior Cruciate Ligament Tear: A Systematic Review by Gemma Green, Neil Wickham, Arash Aframian &</p> <p>Presented by Caroline Hing</p>

<p>Talk 7 starts at 15:00:00</p>	<p>Comparable Blood Loss after THA with Dabigatran, Enoxaparin and Rivaroxaban by Marcin Krzysztof Wasko, Konstancja Bobecka, Wesolowska, Ines Pokrzywnicka & Gajekn & Jacek Kowalczewski</p> <p>Presented by Marcin Krzysztof Wasko</p>	<p>Prevention of Lumbar Pedicle Screw Misplacement using Pedicle Mid-Track Stimulation by Luis M Anton-Rodrigálvarez, Jesus Burgos, Lidia Cabanes, Carlos Barrios, Eduardo Hevia, Gema de Blas & Vicente García</p> <p>Presented by Jesús Burgos</p>	<p>A Preliminary Persistent Compression Dynamic Plate for Treatment of Long Bone Fractures: An In Vitro Biomechanical Study by Ahmet Karakaşlı, Eyad Skiak, İsmail S Satoglu, Nihat D Demirkiran, Fatih Ertem & Hasan Havitcioglu</p> <p>Presented by Ahmet Karakaşlı</p>
<p>Talk 8 starts at 15:10:00</p>	<p>Long-term Outcome following Acetabular Fractures Asossicated with Posterior Hip Dislocation by Seng Juong Wong, J.Nicholson, I. Ahmed, A. Ning & J. F. Keating</p> <p>Presented by Seng Juong Wong</p>	<p>Variable Biomechanical Benefits of Screw Augmentation in Proximal Humerus Fractures - Jason Inzana, Claudia Münch, Peter Varga, Ladina Hofmann-Fliri, Norbert Südkamp, Markus Windolf</p> <p>Presented by Jason Inzana</p>	<p>The Anterolateral Ligament of the Knee: Magnetic Resonance Imaging Evaluation by Robert Hurley, Dr Conor Barry, Dr Diane Bergin & Mr Fintan Shannon</p> <p>Presented by Robert Hurley</p>

<p>Talk 9 starts at 15:20:00</p>	<p>Inaccuracies in Data Submitted to the National Hip Fracture Database by Duncan Cundall-Curry & John Lawrence</p> <p>Presented by Duncan Cundall-Curry</p>	<p>Evaluation of Junior Doctor Hand Examination Skills by W. A. K. Al-Azzani C Hill, A Czepulkowski & A Logan</p> <p>Presented by W. A. K. Al-Azzani</p>	<p>Does Accuracy of Ultrasound-Guided Corticosteroid Injection Predict Outcome in Pain and Function in Subacromial Impingement Syndrome? by P Raval, R Ogollah, A Hall, N Foster & E Roddy</p> <p>Presented by P. Raval</p>
<p>Talk 10 starts at 15:30:00</p>	<p>Inserting Femoral Stems Slowly Generates High Cement Pressures for Longer by Alex Goubran, Stephen McHale & Colin Steinlechner</p> <p>Presented by Stephen McHale</p>	<p>Intramedullary Nailing for Distal Radius Fractures: A Systematic Review by Robert Jordan & A Saithna</p> <p>Presented by Robert Jordan</p>	<p>Regeneration of “Critical Size Bone Defects” using 3D-printed Scaffolds by Tobias Heigl, Philipp Lichte, Katharina Kloss, Horst Fischer, Thomas Pufe & Mersedeh Tohidnezhad</p> <p>Presented by Tobias Heigl</p>
<p>Talk 11 starts at 15:40:00</p>	<p>Hospital variation in Allogeneic Transfusion in Hip and Knee Arthroplasty by V.M.A. Voorn, P.J. Marang- van de Mheen, A. van der Hout, T.P.M. Vliet Vlieland, R.G.H.H. Nelissen & L. van Bodegom - Vos</p> <p>Presented by V.M.A. Voorn</p>	<p>Fixation versus Replacement for Comminuted Radial Head Fractures in Adults by Akash Patel, Lily Li & Abbas Rashid</p> <p>Presented by Lily Li</p>	<p>Implant/Skeletal Cell Interface: Harnessing Implant Topography to Improve Osseointegration by Vitali Goriainov, Rasmus Pedersen, Nikolaj Gadegaard, Douglas G Dunlop & Richard OC Oreffo</p> <p>Presented by Vitali Goriainov</p>

<p>Talk 12 starts at 15:50:00</p>		<p>Histone Lysine Demethylase KDM6a inhibitor Alleviates Osteoarthritis by Yi-Chih Sun, Yu-Shang Chen, Feng-Sheng Wang</p> <p>Presented by TBA</p>	<p>An Analysis of Patient Radiation Exposure in Trauma Operations by Mustafa Rashid, Sheweidin Aziz, Syed Haydar & Amit Datta</p> <p>Presented by Mustafa Rashid</p>
<p>Break</p>			
	<p>ELEVATOR PITCH 1 Denitsa Docheva & Bernd Grimm</p>	<p>ELEVATOR PITCH 2 Mike Whitehouse & Richie Gill</p>	<p>iPROMEDA Workshop</p>
<p>Talk 1 starts at 16:00:00</p>	<p>Do You want to Improve Uncemented Stem Design for Total Hip Replacement? by Eduardo Garcia-Rey, Rosario Madero, Enrique Gomez-Barrena & Eduardo Garcia-Cimbreló</p> <p>Presented by Eduardo Garcia-Rey</p>	<p>Distal Femoral Fractures: The Need to Review Standards of Care by James A. R. Smith, Ruth Halliday, Alexander L. Aquilina, Peter Hull & Michael Kelly, Collaborative - Orthopaedic Trauma Society (OTS)</p> <p>Presented by Alexander L. Aquilina</p>	

<p>Talk 2 starts at 16:03</p>	<p>Epidemic of Fractures during a Period of Snow and Ice; Has Anything Changed 33 Years On? by Waheeb A K Al-Azzani, Danial Adam Mak, Paul Hodgson & Rhodri Williams</p> <p>Presented by Waheeb A K Al-Azzani</p>	<p>Biomechanical Comparison of Titanium and Stainless Steel Locking Screws for Intramedullary Nailing by Ahmet Adnan Karaaslan, Ahmet Karakasli, Fatih Ertem & Hakan Aycan</p> <p>Presented by Ahmet Adnan Karaaslan</p>	
<p>Talk 3 starts at 16:06</p>	<p>MicroRNA-29 Mitigates Glucocorticoid-Induced Bone Loss and Marrow Adiposity by Feng-Sheng Wang, Yi-Chih Sun, Yu-Shan Chen & Jih-Yang Ko</p> <p>Presented by TBA</p>	<p>Investigating Patient Reported Outcomes in Foot and Ankle Surgery by Karam Ahmed, Mr A. Pillai & Mr K. Somasundaram</p> <p>Presented by Karam Ahmed</p>	
<p>Talk 4 starts at 16:09</p>	<p>Osteoblast-Specific MicroRNA-29a Ameliorates Estrogen Loss-Induced Osteoporosis by Yu-Shang Cheng, Feng-Sheng Wang, Yi-Chih Su & Jih-Yang Ko</p> <p>Presented by Tba</p>	<p>Assessment of Physical Function Following THA Requires More than PROMs by Stijn Bolink (On Behalf of the RESTORE collaborators) Lenguerrand E., Blom A.W. & Grimm B</p> <p>Presented by Stijn Bolink</p>	

<p>Talk 5 starts at 16:12</p>	<p>Knee Mal-Alignment and Hip Joint Pathology: an Observational Study by Jonathan Palmer, A Palmer, L Jones, S Glyn-Jones, W Jackson & A Price</p> <p>Presented by Jonathan Palmer</p>	<p>Assessing Patient Responsiveness Using Patient Reported Outcome Measures after Surgery by Adrian Sayers, Wylde V. , Lenguerrand E.1, Gooberman-Hill R., Dawson J., Beard D., Price A. & Blom A. W.</p> <p>Presented by Adrian Sayers</p>	
<p>Talk 6 starts at 16:15</p>	<p>Success of Masquelet's Technique Performed in a clinical Reality by Florella Gindraux, K. Oudina, A. Nallet, B de Billy, H. Petite & L. Obert</p> <p>Presented by Florella Gindraux</p>	<p>Acetabular Inclination In Total Hip Arthroplasty by Iain Bohler, Nazzef Malek & Andrew Vane</p> <p>Presented by Iain Bohler</p>	
<p>Talk 7 starts at 16:18</p>	<p>A Comparison of Mortality following Distal and Proximal Femoral Fractures by Robert Jordan, G Chahal, M Davies & K Srinivas</p> <p>Presented by Robert Jordan</p>	<p>The Effect of Previous Arthroscopy on Outcome in Knee Replacements by V.N. Gibbs, H.G.R. Lowdon & T. Barlow</p> <p>Presented by V.N. Gibbs</p>	

<p>Talk 8 starts at 16:21</p>	<p>Formulation of Calcium Pyrophosphate by Eirk Hughes, Richard Williams, Gurpreet Chouhan, Parastoo Jamshidi & Liam Grover</p> <p>Presented by Eirk Hughes</p>	<p>Diagonostics of the Heterotopic Ossification in Patients with Spinal Cord Injury by Vladyslav Povoroznyuk & Maryna Bystrytska</p> <p>Presneted by Vladyslav Povoroznyuk</p>	
<p>Talk 9 starts at 16:24</p>	<p>Arthroscopy is an Inadequate Gold Standard for Diagnosing Biceps Pathology by Robert Jordan & A Saithna</p> <p>Presented by Robert Jordan</p>	<p>Postoperative Bleeding Episodes after Primary Total Knee Replacement by Waheeb A K Al-Azzani, H.J. Iqbal, A.J. Thayaparan, S.P. White & M.C. Forster</p> <p>Presented by Waheeb A K Al-Azzani</p>	
<p>Talk 10 starts at 16:27</p>	<p>Comparison of Glenoid version Measurement using 2D and 3D CT by Ashley I. Simpson, R. Dattani & R.A. Sankey</p> <p>Presentation by Ashley I. Simpson</p>	<p>Impact of BMI And ASA Grade On Length of Stay Following Primary Total Knee Replacement by Waheeb A. K. Al-Azzani, H. J. Iqbal, Y. Al-Soudaine, A. J. Thayaparan, M. I. M. Suhaimi, S. Masud & S. P. White</p> <p>Presented by Waheeb A. K. Al-Azzani</p>	

<p>Talk 11 starts at 16:30</p>	<p>Structural and Mechanical Characterization of Periprosthetic Tissue by Angela Oostlander, A.M. Moerman, A.A. Zadpoor, M.A.E. Schoeman, R.G.H.H. Nelissen & E.R. Valstar</p> <p>Presented by Angela Oostlander</p>	<p>Photoactive TiO₂ Antibacterial Coating on Surgical External Fixation Pins by Stephane Descamps, G.Villatte, C.Massard ,C. Forrestier & K.O.Awitor</p> <p>Presented by Stephane Descamps</p>	
<p>Talk 12 starts at 16:33</p>	<p>Trajectories of Symptomatic Recovery after Lower Limb primary Arthroplasty by Erik Lenguerrand, Vikki Wylde, Rachael Gooberman-Hill, Adrian Sayers, Paul Dieppe & Ashley W Blom</p> <p>Presented by Erik Lenguerrand</p>	<p>Outcome of Fixation of Valgus Unstable Proximal Humeral Fractures with a Novel Hybrid Fixed Angle Blade Plate Design by Cezary Kocialkowski & Chris Peach</p> <p>Presented by Cezary Kocialkowski</p>	
<p>Talk 13 starts at 16:36</p>	<p>Managing Acute Osteomyelitis and Septic Arthritis in Children: Is Clindamycin Still First-Line? by Ahmed Ezzat, Dr John Lovejoy & Dr Kenneth Alexander</p> <p>Presented by Ahmed Ezzat</p>	<p>Distal Femoral Fractures - 5-Year Mortality And Secular Trends by Piers Turner, Robert Nicholas Green & Narasimha Murty Aradhyula</p> <p>Presented by Piers Turner</p>	

<p>Talk 14 starts at 16:39</p>	<p>Tribological Behaviour of the “Reverse” Inverse Shoulder Prosthesis By, Reto Lerf Isabel Reimelt, Frank Dallmann, Daniel Delfosse</p> <p>Presented By, Reto Lerf</p>	<p>Assesment of Finger Sweilling after Shoulder Arthroscopy by Cezary Kocialkowski, Chris Peach & Nick Philips</p> <p>Presented by Cezary Kocialkowski</p>	
<p>Talk 15 starts at 16:42</p>		<p>Fibrin Sealants and Tranexamic Acid in Primary Total Knee Arthroplasty by Jad Bou Monsef, Tom Schmidt-Braekling, Alejandro Gonzalez Della Valle, Michael Parks, Thomas Sculco & Friedrich Boettner</p> <p>Presented by Jad Bou Monsef</p>	
<p>Talk 16 starts at 16:45</p>		<p>One or Two-Stage Surgical Revision of Infected Hip Prosthesis: A Meta-Analysis by Setor K. Kunutsor, Michael R Whitehouse, Ashley W Blom & Andrew D Beswick</p> <p>Presented by Setor Kunutsor</p>	

<p>Talk 17 starts at 16:48</p>		<p>Outcome of the Unaffected Contralateral Hip in Unilateral SCFE by Atanu Bhattacharjee, R. Freeman, A. Roberts & N.T. Kiely</p> <p>Presented by Atanu Bhattacharjee</p>	
	<p>RESEARCH ROCKET 1 Denitsa Docheva & Bernd Grimm</p>	<p>RESEARCH ROCKET 2 Mike Whitehouse & Richie Gill</p>	<p>iPromEDA Workshop Cont.</p>
<p>Talk 1 starts at 17:00</p>	<p>New protocols for Evaluation of Orthopaedic Biomaterials Compatibility by Michael Gasik</p> <p>Presented by Michael Gasik</p>	<p>Finite Element Analysis and its Uses in Complex Tibial Fractures by Robert Hurley, Mr Jamie Concannon, Dr Nicola Lally & Mr John P McCabe</p> <p>Presented by Robert Hurley</p>	
<p>Talk 2 starts at 17:02</p>	<p>Carbon Reinforced Carbon: Its Potential as Material for Orthopaedic Applications by Reto Lurf, Carolin Witt & Daniel Delfosse</p> <p>Presented by Reto Lurf</p>	<p>Calcium Phosphate / Carbon Cloth Hybrid Materials for Bone Regeneration by Quentin Picard, S. Delpeux, N.Rochet, J. Chancolon, F. Fayon & S. Bonnamy</p> <p>Presented by Quentin Picard</p>	

<p>Talk 3 starts at 17:04</p>	<p>In Vivo Kinematic Evaluation of Primary Total Knee Arthroplasty: Fluoroscopic Analysis of ADL by S. Van Onsem, M. Verstraete, D. Lambrecht C. Van Der Straeten, W. Huyse & J. Victor</p> <p>Presented by S. Van Onsem</p>	<p>Effectiveness of the Cobb-Stainsby Forefoot Arthroplasty by Alex Matthews, N.A. Jagodzinski, M. Westwood, J. E. Metcalfe & K. T. Trimble</p> <p>Presented by Alex Matthews</p>	
<p>Talk 4 starts at 17:06</p>	<p>Tekscan Pressure Measurement Accuracy for Orthopaedic Biomechanical Joint Contact Measurements by S. Herregodts, P. De Baets, J. Victor & M. Verstraete</p> <p>Presented by S. Herregodts</p>	<p>Internal Fixation of Intracapsular Neck of Femur fractures – Two-Hole Sliding Hip Screw or Cannulated Hip Screws? by Simon Woods</p> <p>Presented by Simon Woods</p>	
<p>Talk 5 starts at 17:08</p>	<p>Early Ultrasonography versus Late X-ray's in Occult Scaphoid Fractures by Michael-Alexander Malahias, G.C. Babis, M.-K. Kasetta, D. Chytas, S.-T. Kazas & V. S. Nikolaou</p> <p>Presented by Michael-Alexander Malahias</p>	<p>A Comparative Study of Ultrasound-Guided Injections in Palmar Aponeurosis by Michael-Alexander Malahias, G.C. Babis, M.-K. Kasetta, D. Chytas, S.-T. Kazas & V. S. Nikolaou</p> <p>Presented by TBA</p>	

<p>Talk 6 starts at 17:10</p>	<p>A new Ultrasound Scale Grading Carpal Tunnel Syndrome by Michael-Alexander Malahias, V.S. Nikolaou, I. Sourlas, D. Chytas, K. Chrysikopoulos & G.C. Babis</p> <p>Presented by TBA</p>	<p>Comparing Guided to Blind Dissolution of Supraspinatus Calcific Deposit by Michael-Alexander Malahias, G.C. Babis, M.-K. Kasetta, E. Chronopoulos, E. Fandridis & V.S. Nikolaou</p> <p>Presented by Michael-Alexander Malahias</p>	
<p>Talk 7 starts at 17:12</p>	<p>Effect of Antibiotic-Loaded SBA-15 Ceramic on Staphylococcus Aureus Biofilm by Anna Aguilar-Colomer, Juan Carlos Doadrio, Miguel Manzano, Jaime Esteban, Maria Vallet-Regí & Concepción Pérez-Jorge</p> <p>Presented by Jaime Esteban</p>	<p>Patient-reported outcome and experience measures for hallux-rigidus. Chlectomy vs Fusion by Karem Ahmed, Mr A. Pillai & Mr K. Somasundaram</p> <p>Presented by Karem Ahmed</p>	
<p>Talk 8 starts at 17:14</p>	<p>Pelvic radiographs for Diagnosis of Neck of Femur Fractures by Jasmine Medhora, Lily Li & Atef Hakmi</p> <p>Presented by Jasmine Medhora</p>	<p>FID119: hyaluronan photocrosslinked hydrogel for articular cartilage defects by Riccardo Beninatto, Carlo Barbera, Mauro Pavan, Devis Galesso, Elena Serena & Nicola Elvassore</p> <p>Presented by Riccardo Beninatto</p>	

<p>Talk 9 starts at 17:16</p>	<p>Antibiotic Release from Fluoride-TiO₂ Nanostructured Anodic Layers on Ti6Al4V Alloy by John Jairo Aguilera-Correa¹, Antonio L. Doardrio², Ana Conde³, Maria-Angeles Arenas³, Juan J. de Damborenea³, Concepción Pérez-Jorge¹, Maria Vallet-Regí^{2,4} & Jaime Esteban¹</p> <p>Presented by Jaime Esteban</p>	<p>Intramedullary nailing of adolescent clavicle fractures by Alexandra Aquilina, Khalis Boksh, Imran Ahmed, Christopher Hill & Giles Pattison</p> <p>Presented by Alexandra Aquilina</p>	
<p>Talk 10 starts at 17:18</p>	<p>Fracture Management in the Fracture Clinic: Simple Manipulation and Moulded Cast by Orthopaedic Plaster Technicians Avoids Need for Further Intervention by Andrew Robertson & Nimesh Patel</p> <p>Presented by Andrew Robertson</p>	<p>3D Modelling of UGent Knee Simulator by Matthias Verstraete, S. De Coninck, J. Smis, P. De Baets & J. Victor</p> <p>Presented by Matthias Verstraete</p>	
<p>Talk 11 starts at 17:20</p>	<p>Investigating PROMs of First Metatarsal Scarf+/- Akin Osteotomy for Hallux- Valgus by Karam Ahmed, A. Pillai & Mr K. Somasundaram</p> <p>Presented by Karam Ahmed</p>	<p>Anatomical considerations of the posterior interosseous nerve in lateral surgical approaches to the radial head – A Cadaveric study by Fucai Han & V Prem Kumar</p> <p>Presented by Fucai Han</p>	

<p>Talk 12 starts at 17:22</p>	<p>How Does Outcome Prediction in Knee Replacements affect Patient Decision-Making? By Timothy Barlow, Pat Scott, Damian Griffin & Alba Realpe</p> <p>Presented by Timothy Barlow</p>	<p>Audit On The Safety And Effectiveness Of The Targon Fn Plate In The Fixation Of Hip Fractures by Amirul Islam, Nazera Dodia & EMH Obeid</p> <p>Presented by Amirul Islam</p>	
<p>Talk 13 starts at 17:24</p>	<p>The Clinical Outcome Following Primary Total Knee Replacement in the Nonagenarian Population – A Retrospective Comparative Cohort Analysis by Daniel Skinner, Baha John Tadros, Edward Bray, Mohamed Elsherbiny & Giles Stafford</p> <p>Presented by Baha John Tadros</p>	<p>Fracture in the Elderly Multidisciplinary Rehabilitation (FEMuR) Feasibility Study by Jessica L. Roberts, Nafees Ud Din, Claire Hawkes, Val Morrison, Andrew Lemmey & Nefyn H Williams on behalf of the FEMuR team</p> <p>Presented by Jessica L. Roberts</p>	
<p>Talk 14 starts at 17:26</p>	<p>Preventing the Inflammatory Response to Cobalt Ions by Amy Mawdesley, Sami Anjum, Helen Lawrence, David Deehan, John Kirby & Alison Tyson-Capper</p> <p>Presenting by Amy Mawdesley</p>	<p>Biomechanical Assessment of a Novel Expandable Hip Screw versus Dynamic Hip Screw by Fatih Ertem, Çağrı Havitcioglu, Mehmet Erduran & Hasan Havitcioglu</p> <p>Presenting by Fatih Ertem</p>	

<p>Talk 15 starts at 17:28</p>	<p>Damage-Control Orthopaedics and Acute lung Injury: Is There a Benefit? By Alexander Aquilina & Imran Ahmed</p> <p>Presented by Alexander Aquilina</p>	<p>Trunnionosis and Adverse Reaction to Metal Debris in uncemented metal-on-polyethylene Trident-Accolade total hip replacements – A Case Series and review of recent literature by Christopher Gee, Mr William Poole, Mr Dan Wilson, Mr James Gibbs & Mr Philip Stott</p> <p>Presented by Daniel Wilson</p>	
<p>Talk 16 starts at 17:30</p>	<p>Surgical Tourniquet and Cerebral Emboli: An Exploratory Observational Study by V.N. Gibbs, P.D Wall, A.P Sprowson, C.E Hutchinson, E. Ngandwe & A. Price</p> <p>Presented by TBA</p>	<p>Trauma and Orthopaedics (T&O) smartphone applications: A systematic review by Abdelaziz Elgindi & Mustafa Jafaar</p>	

<p>Talk 17 starts at 17:32</p>	<p>Comparison Clamping Drainage and Non-Clamping Drainage after Total Knee Replacement by Jimena Llorens de los Ríos, Manuel Angel Sandoval, Iván Pérez Coto, Susana Iglesias Fernández, Ana Escandón Rodruigruez & Daniel Hernández Vaquero</p>	<p>Online Curves: A quality analysis of scoliosis videos on YouTube by Peter Staunton, Joseph F Baker, James Green & Aiden Devitt</p> <p>Presented by Peter Staunton</p>	
<p>Talk 18 starts at 17:34</p>	<p>Effectiveness of Surgical Intervention For Adolescent Hallux Valgus by Oliver Beaumont, Aveek Mitra, Matthew Chichero & Sarah Irby</p> <p>Presented by Oliver Beaumont</p>	<p>Evaluation of Ultrasound-Guided Hydroneurolysis in Carpal Tunnel Syndrome by Michael-Alexander Malahais, G.C. Babis, E.O. Johnson, M.-K. Kaseta, D. Chytas & V.S. Nikolaou</p> <p>Presented by Michael-Alexander Malahais</p>	
<p>Talk 19 starts at 17:36</p>	<p>Daily Senoir Review and Documentation in Trauma and Orthopaedic Surgery by Alexandra Colby & Mr. S. Montgomery</p> <p>Presented by Alexandra Colby</p>	<p>Antegrade vs. Retrograde Femoral Nailing: An Audit of Clinical Practice by Raj R. Thakrar, Yaser Ghani, Amit Kotecha & Manoj Sikand</p> <p>Presented by Raj R. Thakrar</p>	

<p>Talk 20 starts at 17:38</p>	<p>Postoperative Change in the Size of the Medial Meniscus by Takayuki Furumatsu, Hiroto Inoue, Shinichi Miyazawa, Takaaki Tanaka, Masataka Fujii & Toshifumi Ozaki</p> <p>Presented by Takayuki Furumatsu</p>	<p>Evidence-Based Medicine: A Decade Apart Survey of Surgeons by Diarmuid De Faoite</p> <p>Presented by Diarmuid De Faoite</p>	
<p>Talk 21 starts at 17:40</p>	<p>Title to be Annouced by Gemme Green, Dr Yusuf Mirza & Professor Fares Haddad</p> <p>Presented by TBA</p>	<p>The Impact of the Economic Crisis on the Orthopaedic research in Greece by Vasileios Nikolaou, Dimitrios Chytas, Michael-Alexander Malahias & George Babis</p> <p>Presented by Michael-Alexander Malahia</p>	
<p>Talk 22 starts at 17:42</p>	<p>Absorbable Polydiaxonone Duture Provides Lesser Complications in Tendo-Achilles Rupture Repair by Muhammad Baig & Robert Dinn</p> <p>Presented by Tba</p>	<p>Changing Trends in the Fixation of Extracapsular Hip Fractures by Piers Page, Conrad Lee & Benedict Rogers</p> <p>Presented by Piers R.J. Page</p>	
<p>Talk 23 starts at 17:44</p>	<p>An Unusual Case of Hip Pain in a Four year old Child by Metin Tolga Buldu & Mr. Raghu Raman</p> <p>Presented by Metin Tolga Buldu</p>	<p>Tourniquet use for total knee replacement surgery: a survey of patient perspectives by Inram Ahmed</p> <p>Presented by Inram Ahmed</p>	

<p>Talk 24 starts at 17:46</p>	<p>Mechanical Properties of Nanotextured Titanium Orthopedic Screws for Clinical Applications by Stephane Descamps, OK. Awitor, V Raspal, R Erivan & S Boisdard</p> <p>Presented by Stephane Descamps</p>	<p>The In Vivo Response of Calcium Sulfate of Different Purity by John Cooper, J. McKinnon, W. R. Walsh, R. A. Oliver, J. Rawlinson & C. Christou</p> <p>Presented by J. McKinnon</p>	
<p>Talk 25 starts at 17:48</p>	<p>Variability of Extraction Corkscrews: A biomechanical study by James W. A. Fletcher & Sam L. Evans</p> <p>Presented by James W. A. Fletcher</p>	<p>Ex-Vivo Organ Culture of the Porcine Femoral-Tibial Joint by Natalie Fox, Martin Stanley, Daniel Thomas, John Fisher & Eileen Ingham</p> <p>Presented by Natalie Fox</p>	
<p>Talk 26 starts at 17:50</p>	<p>Audit of transfusion rates in hip fractures by Nastaran Sargazi, E. Adamson & G. Cheung</p> <p>Presented by TBA</p>	<p>Time to Theatre: An Audit of Best Practice Tariff Attainment in Neck of Femur Fractures by Andrew Robertson, Nimesh Patel & Michael Hockings</p> <p>Presented by TBA</p>	

<p>Talk 27 starts at 17:52</p>	<p>Temporizing External Fixation of Calcaneus Fractures Prior to Plate Fixation by Brian M. Farrell, Carol A. Lin & Charles N. Moon</p> <p>Presented by Brian M. Farrell</p>	<p>Custom Anatomical 3D Printed Patient Specific ACL Femoral Tunnel Guide From MRI A Proof Of Concept Study by Mark Frame</p> <p>Presented by Mark Frame</p>	
<p>Talk 28 starts at 17:54</p>	<p>The role of CT in Assessing the Acute Elbow Dislocation by Robert Jordan, A Jones & S Malik</p> <p>Presented by Robert Jordan</p>	<p>Tranexamic Acid Decreases Blood Loss In Total Knee Arthroplasty Without Tourniquet, Using Rivaroxiban as Thrombo-embolic Prophylaxis by Iain Bohler</p> <p>Presented by Iain Bohler</p>	
<p>Talk 29 starts at 17:56</p>	<p>Acute Correction of INR for Patients Requiring Urgent Orthopaedic Surgery by Alexandra Colby & C. Butcher</p> <p>Presented by Alexandra Colby</p>	<p>Towards Robot Assisted Fracture Surgery for Intra-articular Joint Fractures By Ioannis Georgilas, Giulio Dagnino, Payam Tarassoli, Roger Atkins, Sanja Dogramadzi</p> <p>Presented By Sanja Dogramadzi</p>	

Conference Dinner

P

<p>Friday</p>		
<p>Great Hall</p>	<p>Council Chamber</p>	<p>Room 3</p>
<p>Ashley NJR Update</p>		

	HIP 4 Mike Whitehouse & Eduardo Garcia-Rey	OUTCOMES 1 Enrique Gomez-Barrena & Adrian Sayers	REGENERATION 2 Holger Jahr & Hasan Havitcioglu
Talk 1 starts at 09:30	<p>An Open-Source Multi-Solver Validated Femur Model by A. R. MacLeod, H. Rose & H.S. Gill</p> <p>Presented by A. R. MacLeod</p>	<p>A Prospective Randomised Non-Inferiority Controlled Trial on Fifth Metatarsal Fractures by Pavil Akimau, W. Dakin, K. Cawthron, C. Chadwick, C. M. Blundell & M. B. Davies</p> <p>Presented by P.I. Akimau</p>	<p>Fracture Healing and Sclerostin Depletion (Level 5) by Mohammad M. Alzahrani & Reggie C. Hamdy</p> <p>Presented by Mohammad M. Alzahrani</p>
Talk 2 starts at 09:42	<p>A Pathway for the Referral of Hip Metastases to the Orthopaedic Team at Guy's and St Thomas' Hospitals: A Clinical Audit and Service Evaluation by Andrew Robertson, Roland Walker, Zameer Shah, Marcus Banks & Marc George</p> <p>Presented by Andrew Robertson</p>	<p>The Effect of Using Enhanced Visual Representation (EVR) of Procedure Based Assessment (PBA) on the Process of Surgical Training and Feedback by Basil Budair & Giles Pattison</p> <p>Presented by Basil Budair</p>	<p>Biomechanical Evaluation of 2.7mm versus 3.5mm Plating Constructs for AO/OTA Type B clavicle by Mohammad M. Alzahrani, Adam Cota, Khalid Alkhelaifi & Edward J Harvey</p> <p>Presented by Mohammad Alzahrani</p>

<p>Talk 3 starts at 09:54</p>	<p>Large Keyholes Improve Torsional Resistance of THR Acetabular Cement Mantles by Jan Gosiewski</p> <p>Presented by Jan Gosiewski</p>	<p>Can Running Be Reliably Quantified in Patient Activity Monitoring? By Malid Alizai, Matthijs Lipperts, Rob Houben, Ide C. Heyligers & Bernd Grimm</p> <p>Presented by Matthijs Lipperts</p>	<p>Cartilage Thickness and Bone Density are Related in Healthy Tibias by Brigitte Jolles-Haeberli, Vivien Meyer, Alessandro Cavinato, Pritish Chakravarty, Patrick Omoumi 7, Julien Favre</p> <p>Presented by Julien Favre</p>
<p>Talk 4 starts at 10:06</p>	<p>The Influence of Physical Activity on Metal Ion Concentrations in Hip resurfacing by Jetse Jelsma, R. Senden, M. Schotanus, N. Kort, I. Heyligers, B. Grimm</p> <p>Presented by Jetse Jelsma</p>	<p>Online versus Paper Follow-Up of Patient-Reported Outcomes - Response, Completion Rate and Reliability by Jeannot Mijnes, Ide C. Heyligers & Bernd Grimm</p> <p>Presented by B. Grimm</p>	<p>Autologous Bone Plug With Aci In Osteochondral Defects In Knee by Atanu Bhattacharjee HS McCarthy, B Tins, JH Kuiper, S Roberts & JB Richarson</p> <p>Presented by Atanu Bhattacharjee</p>
<p>Talk 5 starts at 10:18</p>	<p>How Well Do We Control Acute Pain Following Total Hip Replacement? By Mohammad Salhab, DA Macdonald, Pete Kimpson, Jonathan Freeman, Todd Stewart & Martin Stone</p> <p>Presented by Mohammad Salhab</p>	<p>THA Patients are Not Much Less Active than Healthy Controls but Avoid Specific Events and Intensitie by Matthijs Lipperts, Rachel Senden, Ide C. Heyligers & Bernd Grimm</p> <p>Presented by Matthijs Lipperts</p>	<p>Microfracture versus Autologous Chondrocyte Implantation in Knee Cartilage Repair by Federica Francesca Masieri & Natalie Byles</p> <p>Presented by Federica Francesca Masieri</p>

<p>Talk 6 starts at 10:30</p>		<p>Habitual Activity of Knee Arthroplasty Patients is Less than Healthy Controls Mainly for Demanding Tasks by Sonia Ahmadinezhad, Matthijs Lipperts, Rachel Senden, Ide C. Heyligers & Bernd Grimm</p> <p>Presented by Matthijs Lipperts</p>	
<p>Break</p>			
	<p>BONE REPAIR AND REACTION Richie Gill & Chris Arts</p>	<p>OUTCOMES 2 Bernd Grimm & Stijn Bolink</p>	<p>SPINE AND UPPER LIMB 2 Gianluca Vadala & Brett Rocos</p>
<p>Talk 1 starts at 11:00</p>	<p>Chemokine Receptor DARC is Associated with Aseptic Loosening of Total Joint Arthroplasty by Schneiderova Petra, Vasinek Michal, Dohnalek Pavel, Fillerova Regina, Kriegova Eva & Gallo Jiri</p> <p>Presented by Petra Schneiderova</p>	<p>Hyperglycemia Increases Serum Sclerostin Levels and Expression by Osteoblasts In-Vitro by M. Pereira, S. Gohin, P. Smitham, M. Oddy, I. Reichert & C. Chenu</p> <p>Presented by Ines Reichert</p>	<p>F.E. Modelling to Predict Non-Linear Fracture Behaviour of Vertebral by Pooya Mahmoodi, S.Gheduzzi & H.S.Gill</p> <p>Presented by Pooya Mahmoodi</p>

<p>Talk 2 starts at 11:12</p>	<p>The Effect of Cobalt on Inflammatory Cytokine and Adhesion Molecule Expression by Sami Anjum, Amy Mawdesley, Helen Lawrence, David Deehan, John Kirby, Alison Tyson-Capper</p> <p>Presented by Sami Anjum</p>	<p>Clay Gels Reduce the Effective Dose of Bone Morphogenic Protein by David Gibbs</p> <p>Presented by David M.R. Gibbs</p>	<p>The poro-elastic behaviour of the intervertebral disc: a new perspective on diurnal fluid flow By Pieter-Paul, A. Vergroesen, Albert J. van der Veen, Kaj S. Emanuel, Jaap H. van Dieën & Theodoor H. Smit</p> <p>Presented by Pieter-Paul Vergroesen</p>
<p>Talk 3 starts at 11:24</p>	<p>Relationship of Vitamin D with Bone Mineral Density, Fracture Type and Social Deprivation in Neck of Femur Fractures by Emma Formoy, Ekemini Ekpo, Timothy Thomas, Cezary Kocialkowski, Anand Pillai</p> <p>Presented by Cezary Kocialkowski</p>	<p>Prosthetic joint infection: The INFORM Programme by Simon Strange, Andrew Beswick, Michael Whitehouse, Ashley Blom & The INFORM Study Group</p> <p>Presented by Andrew Beswick</p>	<p>Influence of Vertebral Deformation on the Vertebral Pain Syndrome by Vladyslav Povoroznyuk & Tetiana Orlyk</p> <p>Presented by Vladyslav Povoroznyuk</p>
<p>Talk 4 starts at 11:36</p>	<p>Relative Fracture Risk for Plating and Nailing in Displaced Trochanteric fractures by A. R. Macleod, H. Rose, H.S. Gill</p> <p>Presented by A. R. MacLeod</p>	<p>Tibio-Popliteus Impingement After TKA: is Normalized Actually Oversized? By Michel Bonnin, Matthias Verstraete, Tom Van Hoof, Catherine Van der Straeten & Jan Victor</p> <p>Presented by Arnoud de Kok</p>	<p>Lumbar Sagittal Alignment after Oblique Implanted Total Lumbar Disc Replacement by Eduardo Hevia, Juan Solaz, Carlos Barrios, Alberto Caballero & Jesus Burgos</p> <p>Presented by Eduardo Hevia</p>

<p>Talk 5 starts at 12:00</p>	<p>Bioactive Glass can Potentially Reinforce Large Bone Defects by Arts JJ, van Gestel NA, Arts JJ, Hulsen DJ, Geurts J, Ito K, van Rietbergen B.</p> <p>Presented by Arts JJ</p>	<p>30-day mortality stratified by the Nottingham Hip Fracture Score by Natalie Hope, Pieta Blake, Joanna Richards, Karen Barnard & Alan Macleod</p> <p>Presented by TBA</p>	<p>Pullout Strength of Different Distal Terminal Fixation Constructs in Thoracolumbar Spine Surgery. An in-Vitro Biomechanical study by Ahmet Karakaşlı, Eyad Sekik, Ahmet Karaaslan, Fatih Ertem, Ceren Kızmaoğlu & Hasan Havitcioglu</p> <p>Presented by Ahmet Karakaşlı</p>
<p>Talk 6 starts at 12:12</p>	<p>Radiological Assessment of Bone Remodeling Around the Uncemented Tritanium Acetabular Component by Arts JJ, ten Broeke RH, Rudolfina R, Geurts J.</p> <p>Presented by Arts JJ</p>	<p>Taylor Surgery on Survival Estimation. Comparison of Three International Patients Population Using Decision Analysis Tool by M. Silvia Spinelli, A. Piccioli, G. Maccauro, Jonathan A. Forsberg, Rikard Wedin & The Italian Bone Metastatic Study Group</p> <p>Presented by TBA</p>	<p>A Novel Experimentally Scoliosis Model Induced by Temporary Interpedicular tethering by Carlos Barrios, Rafael LLombart, Borja Maruenda, Juan Alonso, Jesús Burgos & José M. Lloris</p> <p>Presented by Carlos Barrios</p>

<p>Talk 7 starts at 12:24</p>	<p>Does Bone Remodelling Protect a Femoral Implant: Finite Element Analysis by Jacob Koris</p> <p>Presented by Jacob Koris</p>	<p>Preoperative Widespread Pain Sensitization and Chronic Pain After Joint Replacement by Vikki Wylde, Adrian Sayers, Erik Lenguerrand, Andrew Beswick, Rachael Gooberman-Hill, Mark Pyke, Paul Dieppe & Ashley W Blom</p> <p>Presented by Adrian Sayers</p>	<p>Magnetic Resonance Arthrography versus Arthroscopy for Assessment of Shoulder Dislocations by Robert Jordan</p> <p>Presented by Robert Jordan</p>
<p>Talk 8 starts at 12:36</p>	<p>Local Tissue Reaction in Total Hip Arthroplasty with Titanium Modular Neck by Dalila De Pasquale, Alina Beraudi, Susanna Stea, Massimiliano Baleani, Giovanni Guerra, Aldo Toni</p> <p>Presented by Dalila De Pasquale</p>	<p>Patient-Reported Outcome Measures And Return To Work In Trauma Patients by Samuel Folkard, Thomas Bloomfield, Piers Page, Dan Wilson, David Ricketts & Benedict Rogers</p> <p>Presented by S.S. Folkard</p>	
<p>Talk 9 starts at 12:48</p>	<p>Roughened Surface Improves Fixation in Uncemented Alumina-on-Alumina Total Hip Replacement by Eduardo Garcia-Rey, Rosario Madero & Enrique Gomez-Barrena</p> <p>Presented by Eduardo García-Rey</p>	<p>THA/TKA Patients are More Physically Active Than the General Population by J. M. T. A. Meessen, W.F. Peter, R. Wolterbeek, R.G.H.H. Nelissen & T.P.M. Vliet Vlieland</p> <p>Presented by J.M.T.A. Meessen, Msc</p>	

Lunch

13:30	EORS Assembly		
14:00	Keynote Address By Kate Robson-Brown, Learning from the bones of ancient populations		
Knee 3 General & Trauma Knee 3 Talk 2 starts at General & Trauma Talk 2 starts at 14:40	Knee 3 Ashley Blom & Mattias Lipperts	General & Trauma Enrique Gomez-Barrena & Mike Whitehouse	
	A 15-year Follow Up of the Kinemax Total Knee Replacement by Andrew Grazette, Vikki Wyld, Samantha Dixon, Sarah Whitehouse, Ashley Blom & Michael Whitehouse Presented by Andrew Grazette	Central Pain Sensitisation and Radiographic Osteoarthritis after Total Joint Replacement by Vikki Wydle, Adrian Sayers, Adekoyejo Odutol, Rachael Gooberman-Hill, Paul Dieppe & Ashley Blom Presented by Adrian Sayers	
	Smoking Status and Prosthetic Joint Infection Following Total Joint Arthroplasty by Andrew Gonzalez, Ilker Uçkay, Pierre Hoffmeyer & Anne Lübbecke Presented by Andrew Gonzalez	Evaluation of NaproxenSodium and CodeinePhosphate Combination in Osteoarthritis by Kaya Akan, Ünal Ömer K, Poyanlı Oğuz Ş, Kemah Bahattin, Erinç Samet & Özturan Burak Presented by Kaya Akan	

<p>Knee 3 Talk 3 starts</p> <p>General & Trauma Talk 2 starts at 14:50</p>	<p>The Clinical Outcome of Unicompartmental Knee replacement in Octogenarians –A Retrospective Analysis by Baha John Tadros, Daniel Skinner, Mohamed Elsherbiny & Roy Twyman</p> <p>Presented by Baha John Tadros</p>	<p>Predicting Length of Stay in Arthroplasty Enhanced Recovery Programs by A. J. C. Vaughan, H. Arunachalam, Harold, B. Ayres, C. Eitel & M. Rao</p> <p>Presented by A. J. C. Vaughan</p>	
<p>Knee 3 Talk 4</p> <p>General & Trauma</p>	<p>Paediatric Elbow: A Cross-sectional Study of Trochlea and Olecranon Ossification Centers by Dashan Angadi, M. Elbashir, M. Latimer</p> <p>Presented by Mohamed Elbashir</p>	<p>Hyaluronic acid effect on adipose-derived stem cells. Biological in vitro evaluation by Alonson Moreno, Ana Martínez, Susana Olmedillas, Santiago Bello & Fernando de Miguel</p> <p>Presented by Alonso Moreno</p>	
<p>Knee 3 Talk 5 starts</p> <p>General & Trauma</p>	<p>Local Infiltration Anaesthesia (LIA) plus PainKwell Following Total Knee Arthroplasty by Mohammad Salhab, Pete Kimpson, Jonathan Freeman, Todd Stewart & Martin Stone</p> <p>Presented by Mohammad Salhab</p>	<p>αv Integrin Depletion on PDGFRβ+ Cells Regulates Skeletal Muscle Fibrosis by Iain R. Murray, Zaniah Gonzalez, John Iredale, Hamish Simpson, Bruno Peault & Neil C. Henderson</p> <p>Presented by Iain R Murray</p>	

<p>Knee 3 Talk 6</p> <p>General & Trauma</p>	<p>Timing of Prophylactic Antibiotics in Trauma and Orthopaedic Patients by Waheeb A K Al-Azzani, E. Harris, J. Wells, S. Shah, S. Mahboub & S. P. White</p> <p>Presented by W A K Al-Azzani</p>	<p>Outcomes following Surgery for Adolescent Hallux Valgus – A Systematic Review by Ziad Harb, Michail Kokkinakis, Hiba Ismail & Gavin Spence</p> <p>Presented by Ziad Harb</p>	
<p>Knee 3 Talk 7</p> <p>General & Trauma</p>	<p>Knee Osteonecrosis: A Case Series with 6 Year Follow Up by Robert Jordan, P. Aparajit, C. Docker & M. El-Shazly</p> <p>Presented by Robert Jordan</p>	<p>The Orthopedic Trauma Surgery Practice: Is It Safe? (Level 3) by Mohammad M. Alzahrani, Saad M. AlQahtani by Edward J. Harvey</p> <p>Presented by Mohammad Alzahrani</p>	
<p>General & Trauma Talk 8 starts at 15:40</p>		<p>Evolution Of Chemotherapy In Osteoarticular Tuberculosis by Pranay Bhushan & Dr Mathew Varghese</p> <p>Presented by Pranay Bhushan</p>	

General &
Trauma
Talk 9
starts at
15:50

Markerless Motion
Analysis and its Potential
Uses in Orthopaedics by
Robert Hurley & Aiden
Devitt

Presented by Robert
Hurley

General &
Trauma
Talk 10
starts at
16:00

External Validation of a
Tool for the Estimation of
Life Expectancy in
Patients with Skeletal
Metastases—Decision
Analysis and Comparison
of Three Major
International Patient
Populations by Silvia
Spinnelli

Presented by Silvia
Spinnelli

