

IS LS 2026

International Society Of Limb Salvage

23rd General Meeting of the International Society of Limb Salvage

23-26 September

Messe Wien Exhibition & Congress Center
Vienna – Austria

Preliminary Scientific Program

(updated on June 29, 2026)



Wednesday, September 23, 2026

ISOLS Young Surgeons: Chondrosarcoma Attendance is restricted to registered participants only		Musculoskeletal Tumour Surgery for Surgeons from Developing Countries	
Stolz 1 Hall		Stolz 2 Hall	
08:00 - 08:15	Registration	08:00 - 08:15	Registration
08:20 - 08:30	Welcome		
08:30 - 10:30	Session 0.1: Basics (Radiology, Pathology, Surgery) Chairs: Nina Myline Engel (Germany) - Mariel Spense (Argentina)		
08:30	Introduction (by chairs)	08:15-08:30	Francisco Linares (Colombia): Welcome Chair 1st session
08:35	Lizz van der Heijden (The Netherlands) [Junior], Michiel van de Sande (The Netherlands) [Senior]: Quiz at beginning (<i>Junior presenters with questions by seniors</i>)	08:30-08:45	David Wood (Australia): Introduction, Aetiology of sarcomas
08:55	Jendrik Hardes (Germany) [Senior]: Basic Radiology of Cartilaginous Tumours	08:45-09:00	Duncan Whitwell (United Kingdom): Basic Principles, clinical presentation
09:20	Eric Staals (Italy) [Senior]: Basic classification of benign/intermediate cartilaginous tumours and chondrosarcoma	09:00-09:15	Muhammad Ather Siddiqi (United Kingdom): Establishing an MDT: experiences from Pakistan
09:45	Minna Laitinen (Finland) [Senior]: Basic surgical techniques of cartilaginous tumours - Curettage, adjuvants, resection	09:15-09:30	Reshwin Rajan (Fiji): Late presentations in a resource limited setting
10:10	Christoph Hofer (Austria) [Junior], Humaid Al Farri (Oman) [Experienced Junior]: Quiz after basic sessions	09:30-09:50	Duncan Whitwell (United Kingdom): Staging of musculoskeletal tumours
10:30 - 11:00	Coffee break	09:50-10:10	Peter Steadman (Australia): Principles of biopsy
11:00 - 13:00	Session 0.2: Advanced Surgery Chairs: Rishi Agarwal (India) - Haijie Liang (China)	10:10-10:30	David Wood (Australia): Imaging of bone and soft tissue tumours
11:00	Introduction (by chairs)	10:30 - 11:00	Coffee break
11:05	Juan Pablo Zumárraga (Ecuador) [Senior]: Multimodal treatment concepts - Which lesions should undergo active surveillance? Is chemotherapy an option?	11:00-11:15	Valerae O. Lewis (United States): Chair 2nd session & Surgical margins
11:30	Ajay Puri (India) [Senior]: Biological reconstructions – Effective and Durable!	11:15-11:35	David Wood (Australia): Amputation v limb salvage
11:55	Odion Binitie (United States) [Senior]: Advanced surgical techniques - Endoprosthetic reconstruction	11:35-11:55	Justin Bird (United States): Orthopaedic Oncology in a resource limited practice in Liberia
12:20	Wei Guo (China) [Senior]: Advanced surgical techniques - Pelvic chondrosarcomas	11:55-12:15	Zeeshan Khan (Pakistan): Infection in the differential diagnosis of sarcoma
12:45	Alexander Lazarides (United States) [Junior], Steven Thorpe (United States) [Experienced Junior]: Poll about cases	12:15-12:30	Muhammad Ather Siddiqi (United Kingdom): Skeletal metastases
13:00 - 13:45	Lunch Break	12:45-13:00	Faculty Case discussions
13:45 - 15:45	Hands-On Workshop	13:00 - 13:45	Lunch Break
15:45 - 17:00	Session 0.3: Difficult cases Chair: Maria Anna Smolle (Austria)	13:45-14:00	Peter Steadman (Australia): Chair 3rd session & Soft tissue sarcomas
15:45	Introduction by chairs	14:00-14:30	Lee Jeys (United Kingdom): Cartilage tumour conundrums
15:50	Takuto Itano (Japan) [Junior], Shintaro Iwata (Japan) [Senior]: Presentation of difficult cases (1)	14:30-14:45	Muhammad Ather Siddiqi (United Kingdom): Multidisciplinary bone tumour management
16:25	Philip Rowell (Australia) [Junior], Scott Sommerville (Australia) [Senior]: Presentation of difficult cases (2)	14:45-15:15	David Wood (Australia): Case examples all faculty
17:00	ISOLS Young Surgeons Networking Event	15:15-15:45	Afternoon tea
		15:45-16:15	Duncan Whitwell (United Kingdom): Chair 4th session & A team approach to abdominal sarcoma surgery
		16:15-16:30	Juan Pablo Zumárraga (Ecuador): Access to adjuvant chemical physical therapies in a middle-income country
		16:30-16:45	Francisco Linares (Colombia): Resource restrictions and Sarcoma management
		16:45-17:30	Faculty Strategies to develop a specialist sarcoma service with limited resources

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09:00-10:30	<p>Session 1.2: Megaprotheses: Bigger, better, stronger? Chairs: Panayiotis J. 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Lewis (United States)</p> <p>Case based presentation and discussion of complicated cases/complications</p>	<p>Session 3.5: Novel Therapeutics</p> <p>Chairs: Cătălin Cîrstoiu (Romania) - Tomas Tomas (Czech Republic)</p> <table border="1"> <tr> <td>16:00</td> <td>Introductory Lecture Saminathan Suresh Nathan (Singapore): Emerging systemic therapies for bone and soft tissue sarcomas</td> </tr> <tr> <td>16:10</td> <td>326 Jonathan Stevenson (United Kingdom): An Introduction to the PORTRAIT Trial, a Multi-centre, Two-arm, Parallel-group Randomised Controlled Trial of Post-operative Radiotherapy in Surgically Treated Bone Metastases</td> </tr> <tr> <td>16:13</td> <td>231 Ran Wei (China): Using Percutaneous Combined Cryo-thermal Ablation for Bone Metastases: Preliminary Results from a Single Center</td> </tr> <tr> <td>16:16</td> <td>264 Xiaodong Tang (China): Preliminary Report on Intraoperative Near-Infrared (NIR) Imaging Guided Curettage for Sacral Giant Cell Tumors</td> </tr> <tr> <td>16:19</td> <td>281 Binghao Li (China): Efficacy and Safety of Vebreltinib in Advanced Clear Cell Sarcoma (VEBrant): A Multicenter, Phase II Study</td> </tr> <tr> <td>16:22</td> <td>Discussion</td> </tr> <tr> <td>16:30</td> <td>332 Junxiang Wen (China): Anlotinib, Radiotherapy and Surgery for High-Grade Soft-Tissue Sarcomas with High Recurrent Risk: A Phase II Single Arm Prospective Trial</td> </tr> <tr> <td>16:33</td> <td>526 Arpan Doshi (United Kingdom): Novel Porous Uncemented Joint Sparing Endoprosthetic Replacements for Limb Salvage Surgery</td> </tr> <tr> <td>16:36</td> <td>547 Cheng-Yo Lai (Taiwan): Association between Parathyroid Hormone Analog Use and Risk of Incident Bone Metastases in Patients with Solid Tumors: A Propensity Score-matched Database Study</td> </tr> <tr> <td>16:39</td> <td>550 Emily Peairs (United States): Does Chemotherapy Improve Survival for Patients with Synovial Sarcoma?</td> </tr> <tr> <td>16:42</td> <td>Discussion</td> </tr> <tr> <td>16:50</td> <td>856 Seema Gulia (India): The role of adjuvant chemotherapy in de-differentiated chondrosarcomas: An individual patient data and trial-level meta-analysis</td> </tr> <tr> <td>16:53</td> <td>646 Tao Ji (China): Early Clinical Outcomes of a 3D-Printed Axial Compressive Endoprosthesis (ACE) for Metaphyseal and Diaphyseal Reconstruction after Bone Tumor Resection</td> </tr> <tr> <td>16:56</td> <td>667 Raymond Yau (Hong Kong): The Use of Synthetic Dermal Matrix for Soft Tissue Coverage after Tumour Resection: Initial Experience</td> </tr> <tr> <td>16:59</td> <td>688 Steven Thorpe (United States): How Have Positive Results from Recent SARC Immunotherapy Trials Changed the Treatment for Soft Tissue Sarcoma? 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Friday, September 25, 2026

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09:00 - 10:30	<p>Session 1.6: Innovations in Paediatric Sarcoma Treatment Chairs: Eduardo J. 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14:00-15:30	Session 1.8: Pelvic Reconstruction: The Ring of Fire Chairs: Francis John Hornicek (United States) - Per-Ulf Tunn (Germany) <table border="1"> <tr> <td>14:00</td> <td>Pietro Ruggieri (Italy): Pelvic sarcomas - The Padova experience</td> </tr> <tr> <td>14:10</td> <td>Vivek Ajit Singh (Malaysia): Reconstruction techniques following PII pelvic resections</td> </tr> <tr> <td>14:20</td> <td>Ashish Gulia (India): Biological reconstructions following internal hemipelvectomy</td> </tr> <tr> <td>14:30</td> <td>Vineet John Kurisunkal (United Kingdom): The 10 most important BOOM findings</td> </tr> <tr> <td>14:40</td> <td>Wei Guo (China): Outcomes with custom-made 3D printed hemipelvic reconstructions</td> </tr> <tr> <td>14:50</td> <td>Arne Streitbürger (Germany): Why we avoid megaprosthesis reconstruction following pelvic resection</td> </tr> </table> <p>DEBATE 4: To close or not to close the ring? (Live Polling)</p> <table border="1"> <tr> <td>15:00</td> <td>Lee Jeys (United Kingdom): To close or not to close the ring? - Yes!</td> </tr> <tr> <td>15:07</td> <td>Daniel Kotrych (Poland): To close or not to close the ring? - No!</td> </tr> <tr> <td>15:14</td> <td>Discussion</td> </tr> </table>	14:00	Pietro Ruggieri (Italy): Pelvic sarcomas - The Padova experience	14:10	Vivek Ajit Singh (Malaysia): Reconstruction techniques following PII pelvic resections	14:20	Ashish Gulia (India): Biological reconstructions following internal hemipelvectomy	14:30	Vineet John Kurisunkal (United Kingdom): The 10 most important BOOM findings	14:40	Wei Guo (China): Outcomes with custom-made 3D printed hemipelvic reconstructions	14:50	Arne Streitbürger (Germany): Why we avoid megaprosthesis reconstruction following pelvic resection	15:00	Lee Jeys (United Kingdom): To close or not to close the ring? - Yes!	15:07	Daniel Kotrych (Poland): To close or not to close the ring? - No!	15:14	Discussion	Session 2.7: Amputation vs. Osseointegration vs. Rotationplasty Chairs: Gerhard Hobusch (Austria) - Valerae O. Lewis (United States) <p>Educational Committee</p> <table border="1"> <tr> <td>14:00</td> <td>TBA: Novel techniques in amputation</td> </tr> <tr> <td>14:12</td> <td>James Flint (United States): Osseointegration: The other Limb Salvage</td> </tr> <tr> <td>14:24</td> <td>Rickard Brånemark (United States): OI - The vision and future aspects</td> </tr> <tr> <td>14:36</td> <td>Ajay Puri (India): Rotationplasty - When is it indicated?</td> </tr> <tr> <td>14:48</td> <td>Peter Bekkering (The Netherlands): The degree of physical activity and participation in sport after amputation and rotationplasty as a result of a malignant bone tumour in childhood</td> </tr> <tr> <td>15:00</td> <td>Discussion</td> </tr> </table>	14:00	TBA : Novel techniques in amputation	14:12	James Flint (United States): Osseointegration: The other Limb Salvage	14:24	Rickard Brånemark (United States): OI - The vision and future aspects	14:36	Ajay Puri (India): Rotationplasty - When is it indicated?	14:48	Peter Bekkering (The Netherlands): The degree of physical activity and participation in sport after amputation and rotationplasty as a result of a malignant bone tumour in childhood	15:00	Discussion	Session 3.8: Socio-Economic Disparities in Sarcoma Care Chairs: Thomas Hilton (South Africa) - Oleg Vyrva (Ukraine) <table border="1"> <tr> <td>14:00</td> <td>Introductory Lecture Claudia Di Bella (Australia): Women in surgery</td> </tr> <tr> <td>14:10</td> <td>92 Bilgehan H. 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			<p>14:53 518 Mishari Alanezi (Saudi Arabia): Beyond the Diagnosis: A 15-Year Multicenter Analysis of Sarcoma Care, Referral Pathways and Survival Outcomes</p> <p>14:56 522 Oleg Vyrva (Ukraine): Limb Salvage Evolution in Bone Tumor Surgery: Strategic Insights from Personal Experience</p> <p>14:59 592 Wan Ismail Wan Faisham Numan (Malaysia): Sarcoma Management during Medical Mission in Gaza</p> <p>15:02 Discussion</p> <p>15:10 661 Noel Rex Penaranda (Philippines): Establishing a Cancer (Sarcoma) Care Center: Our Story of Filling the Gaps</p> <p>15:13 773 Caitlin Bodian (New Zealand): Pattern of Care for Follow-up of Sarcoma after Curative Treatment: A Survey of Sarcoma Specialists</p> <p>15:16 936 Akshay Tiwari (India): Survival outcomes and prognostic determinants of osteosarcoma in children and adults: an interim analysis of nationwide multicentric retrospective cohort study from India (IMSOS OS-01 / INPHOG-OST-23-01)</p> <p>15:19 946 Marius Emunds (Germany): Evaluation of Cognitive Workload and Clinical Utility of Preoperative Mixed-Reality Planning in Hemipelvectomy Using HoloLens 2</p> <p>15:22 Discussion</p>	<p>14:53 629 Osman Emre Aycan (Turkey): Clinical Outcomes of Tumor Endoprosthetic Stem Augmentation with Liquid Nitrogen Recycled Autograft for Malignant Bone Tumors</p> <p>14:56 663 Marcio Moura (Brazil): Internal Hemipelvectomy 45 Patients Treated with Biological Reconstruction using Recycling Bone Tumor with Liquid Nitrogen</p> <p>14:59 794 Malissa Saengtubtim (Thailand): Does double plate fixation allow immediate full-weight bearing for biological reconstruction following limb-sparing surgery of the lower limb?</p> <p>15:02 Discussion</p> <p>15:10 896 Mohamed Abdelhamid (Egypt): Distal Tibial Resection and Reconstruction with Pedicled Vascularized Fibular Graft for Malignant Bone Tumors: Functional and Oncologic Outcomes</p> <p>15:13 902 Pannin Thanapipatsiri (Thailand): Long-term Outcomes and Complications of Irradiated Osteoarticular Allograft Reconstruction in Musculoskeletal Tumors</p> <p>15:16 980 Mahmoud Smida (Tunisia): Revascularization of non-vascularized bone autograft by preserved periosteum after resection of high-grade malignant bone tumors in children—a new biological reconstruction technique</p> <p>15:19 Discussion</p>	
15:30 - 16:00	Coffee break				
16:00 - 17:00	<p>Session 1.9: Margins - A marginal difference may be vital Chairs: Peter Rose (United States) - Han-Soo Kim (Rep. of Korea)</p> <p>16:00 Paul Jutte (The Netherlands): Which margin is considered “wide” for bone sarcomas?</p> <p>16:10 Tomohiro Fujiwara (Japan): Which margin is considered “wide” for soft-tissue sarcomas? - Practical integration of margin quantity and quality</p> <p>16:20 Walid Ebeid (Egypt): Challenges to achieve “wide” margins in periarticular bone tumours of the knee</p> <p>Difficult Cases & Poll</p> <p>16:30 Magdalena Maria Gilg (Austria) - Julia von der Linden (Austria): 2 cases</p>	<p>Session 2.8: Challenges, limitations and potential solutions for Sarcoma Care in Developing Countries Chairs: Francisco Linares (Colombia) - Santiago Lozano-Calderón (United States)</p> <p>16:00 Duncan Whitwell (United Kingdom): Challenges and Limitations in Sarcoma Care in Developing Countries</p> <p>16:12 David Wood (Australia): Resource Stratified Guideline for Optimization of Sarcoma Care in Developing Countries: The Experience in the Asia-Pacific Region</p> <p>16:24 Case Experiences: Introductions with Juan Pablo Zumárraga (Ecuador) TBA: South America</p> <p>16:27 Ermias Gizaw Hailemeskel (Ethiopia): Africa</p> <p>16:32 Reshwin Rajan (Fiji): Asia</p> <p>16:37 Muhammad Ather Siddiqi (Pakistan): Middle East</p> <p>16:42 Muhammad Ather Siddiqi (Pakistan): Middle East</p> <p>16:47 Discussion and questions</p>	<p>Session 3.9: GCT Chairs: Joseph Benevenia (United States) - Hans Roland Dürr (Germany)</p> <p>16:00 Introductory lecture TBA</p> <p>16:10 41 Lester Chan (Singapore): Frozen Liquid Nitrogen Ethanol Composite (FNEC) for Giant Cell Tumour of Bone (GCTB). From Bench to Clinical Practice: Results from an Ex Vivo Porcine Bone Model and Mid-Term Clinical Series</p> <p>16:13 178 Haobin Su (China): Saline-Coupled Bipolar Sealer as a Novel Adjuvant for Intralesional Curettage of Giant Cell Tumor of Bone: A Retrospective Cohort Study</p> <p>16:16 452 Prakash Nayak (India): Does Preoperative Denosumab for Resection of GCT of Bone Around Knee, Reduce Blood Loss, Tumor Contamination and Local Relapse: A Retrospective and Temporal Institutional Cohort Study</p> <p>16:19 496 Yuki Aibara (Japan): Denosumab Monotherapy for Giant Cell Tumor of Bone: A Multi-institutional Study by the Japanese Musculoskeletal Oncology Group</p> <p>16:22 816 Omar Aldosari (Saudi Arabia): A Multicenter Retrospective Analysis of Prognostic Factors for Local Recurrence in Extremity-Located Giant Cell Tumors of Bone</p> <p>16:25 Discussion</p> <p>16:35 1011 David Fellows (United Kingdom): Management and surveillance of metastatic giant cell tumour of bone</p> <p>16:38 581 Nong Lin (China): Bone Cement Filling Combined with Plate and Screw Fixation for the Treatment of Displaced Pathological Fractures of the Distal Femur caused by Giant Cell Tumor of Bone</p> <p>16:41 715 Rajesh Bahadur Singh (India): Validating Extended Curettage and Cement Augmentation with Plate Fixation for Campanacci Grade 3 Giant Cell Tumors: Experience from MPMCC Varanasi, India</p> <p>16:44 517 Mishari Alanezi (Saudi Arabia): Malignant Transformation in Denosumab-Treated Giant Cell Tumor of Bone: Rare Event or Underrecognized Risk?</p> <p>16:47 Discussion</p>	<p>Session 4.9: Rotationplasty Chairs: Ashish Gulia (India) - Arne Streibbürger (Germany)</p> <p>16:00 Introductory lecture: Winfried Winkelmann (Germany): Rotationplasty</p> <p>16:10 98 Himanshu Rohela (India): implant survivorship results of indigenous developed compress-HA prosthetic stem for oncological resections</p> <p>16:13 243 Floortje Verspoor (The Netherlands): Navigation-Guided, Patient-Specific Winkelmann Type B1 Rotationplasty for Complex Post-Oncologic Femoral Osteomyelitis</p> <p>16:16 331 Abigail Tud (Philippines): Doing a 180 for GCT: Should Knee Rotationplasty (KRP) be Considered as a Surgical Option for Giant Cell Tumor of Bone in Low Resource Settings?</p> <p>16:19 967 Anna Hohensteiner (Austria): Rotationplasty After Tumor Resection: Oncological and Functional Outcomes from a 37-Year Single-Center Experience</p> <p>16:22 969 Philipp Funovics (Austria): Tibial-growth-plate-preserving A1 rotationplasty in a 2-year-old with ultra-short proximal femoral residuum</p> <p>16:25 Discussion</p> <p>16:35 534 Ezekiel Dingle (United States): Determinants of Primary Amputation in Extremity Sarcoma: A Population-based Analysis of Definitive Surgical Management</p> <p>16:38 716 Margaret Roubaud (United States): TMR and RPNi Sustainably Reduce Long-term Pain and Opioid Dependence after Oncologic Amputation</p> <p>16:41 963 Christoph Hofer (Austria): Resilience as a Key Factor in Coping: Long-Term Outcomes after Treatment of Malignant Tumors of the Lower Extremity</p> <p>16:44 408 Gitte Krebbekx (The Netherlands): Osteoarthritis-Related Gait Deviations are Present Decades after Rotationplasty</p> <p>16:47 409 Gitte Krebbekx (The Netherlands): Good Quality of Life Three Decades after Rotationplasty</p> <p>16:50 Discussion</p>	

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17:00 - 18:00	<p>Pioneers of ISOLS (Round Table Discussion)</p> <p>Chair: Philipp Funovics (Austria)</p> <p>Rainer Kotz (Austria)</p> <p>Winfried Winkelmann (Germany)</p> <p>Mark C. Gebhardt (United States)</p> <p>Franklin Sim (United States)</p> <p>Hiroyuki Tsuchiya (Japan)</p>	<p>Session 2.9: Minimally Invasive Techniques for Metastatic Disease</p> <p>Chairs: Kista Goulding (United States) - Karim Masrouha (United States)</p> <p>Educational committee</p> <table border="1"> <tr> <td>17:00</td> <td>Francis Y. 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Saturday, September 26, 2026

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Adyb-Adrian Khal (Romania)</p> <table border="1"> <tr> <td>8:00</td> <td>920</td> <td>Introductory lecture Patric Lin (United States): Early Mortality After Surgery for Long Bone Metastases: A 25-Year, 3,186-Patient Single-Center Experience</td> </tr> <tr> <td>8:10</td> <td>15</td> <td>Lorenzo Andreani (Italy): Outcomes of multidisciplinary and orthopedic management for bone metastatic thyroid carcinomas</td> </tr> <tr> <td>8:13</td> <td>265</td> <td>Amy Zeller (United States): IlluminOss for Percutaneous Pelvic Stabilization of Metastatic Pelvises: Surgical and Oncologic Outcomes</td> </tr> <tr> <td>8:16</td> <td>407</td> <td>Fabio Fernando Eloi Pinto (Brazil): Is Percutaneous Acetabular Cementoplasty an Effective Treatment for Painful Osteolytic Acetabular Lesions?</td> </tr> <tr> <td>8:19</td> <td></td> <td>Discussion</td> </tr> <tr> <td>8:29</td> <td>697</td> <td>Nicola Fabbri (United States): Minimally Invasive Pelvic Fixation of Pelvic Metastases by CT-Assisted Surgical Navigation is Associated with Predictable Pain Relief and Durable Restoration of Skeletal Stability and Function</td> </tr> <tr> <td>8:32</td> <td>707</td> <td>Furkan Erdoğan (Turkey): Clinical Determinants of Survival after Pathological Fracture in Metastatic Bone Disease</td> </tr> <tr> <td>8:35</td> <td>813</td> <td>Angad Bedi (The Netherlands/United States): Long-Term Effects of Surgical Approach Selection in Renal Cell Carcinoma Appendicular Bone Metastases</td> </tr> <tr> <td>8:38</td> <td></td> <td>Discussion</td> </tr> </table>	8:00	920	Introductory lecture Patric Lin (United States): Early Mortality After Surgery for Long Bone Metastases: A 25-Year, 3,186-Patient Single-Center Experience	8:10	15	Lorenzo Andreani (Italy): Outcomes of multidisciplinary and orthopedic management for bone metastatic thyroid carcinomas	8:13	265	Amy Zeller (United States): IlluminOss for Percutaneous Pelvic Stabilization of Metastatic Pelvises: Surgical and Oncologic Outcomes	8:16	407	Fabio Fernando Eloi Pinto (Brazil): Is Percutaneous Acetabular Cementoplasty an Effective Treatment for Painful Osteolytic Acetabular Lesions?	8:19		Discussion	8:29	697	Nicola Fabbri (United States): Minimally Invasive Pelvic Fixation of Pelvic Metastases by CT-Assisted Surgical Navigation is Associated with Predictable Pain Relief and Durable Restoration of Skeletal Stability and Function	8:32	707	Furkan Erdoğan (Turkey): Clinical Determinants of Survival after Pathological Fracture in Metastatic Bone Disease	8:35	813	Angad Bedi (The Netherlands/United States): Long-Term Effects of Surgical Approach Selection in Renal Cell Carcinoma Appendicular Bone Metastases	8:38		Discussion	<p>Session 4.11: Of Bone and Bold Ideas Chairs: Alexander Lazarides (United States) - 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11:00-12:00	<p>COFFEE BREAK</p> <p>Poster Session III (Detailed list pages 24-26)</p> <ul style="list-style-type: none"> <li style="width: 50%;">• Bening Bone Tumors II <li style="width: 50%;">• Robotics <li style="width: 50%;">• Infections II <li style="width: 50%;">• Sarcoma Registries <li style="width: 50%;">• Megaprotheses <li style="width: 50%;">• Soft Tissue Sarcomas III <li style="width: 50%;">• Metastases <li style="width: 50%;">• Spine and Sacral Tumours <li style="width: 50%;">• Paediatric Patients <li style="width: 50%;">• Upper Extremitiy <li style="width: 50%;">• Pelvic Reconstructions II 																																																																																											

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Lewis (United States) - Juan Pablo Zumárraga (Ecuador)</p> <p>Educational Committee</p> <table border="1"> <tr> <td colspan="2">Walid Ebeid (Egypt): Beyond endoprosthesis: Biological reconstruction in the growing child</td> </tr> <tr> <td colspan="2">Wakenda Tyler (United States): Reconstructive options in sarcoma resections in the very young and very old, and the special challenges we face</td> </tr> <tr> <td colspan="2">Wan Ismail Wan Faisham Numan (Malaysia): Surgery for large tumour in very young patient - challenges</td> </tr> <tr> <td colspan="2">Mark C. 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12:00	Ashish Gulia (India): Minimally invasive manage of benign bone tumors																																																																																																									
12:15	TBA : History of GCT																																																																																																									
12:30	Hairong Xu (China): Evolving concepts in the treatment of Aneurysmal Bone Cyst																																																																																																									
12:45	TBA : Medical Advances in Bening Bone Disease																																																																																																									
13:00	Didactic lectures (30')																																																																																																									
Walid Ebeid (Egypt): Beyond endoprosthesis: Biological reconstruction in the growing child																																																																																																										
Wakenda Tyler (United States): Reconstructive options in sarcoma resections in the very young and very old, and the special challenges we face																																																																																																										
Wan Ismail Wan Faisham Numan (Malaysia): Surgery for large tumour in very young patient - challenges																																																																																																										
Mark C. Gebhardt (United States)																																																																																																										
Mauricio Etchebehere (Brazil): Resecting soft tissue sarcomas in elderly patients and their unique challenges																																																																																																										
Case-based discussion																																																																																																										
12:00	Introductory lecture Fabrice Fiorenza (France): Custom-made solutions – Are they worth the cost?																																																																																																									
12:10	38 Ran Wei (China): What is the Clinical Outcome of Limb-salvage Surgery for Primary Pelvic Malignancy Involving Both Acetabulum and Hemisacrum?																																																																																																									
12:13	345 Li Min (China): Clinical Evaluation of the Three-Dimensional Printed Strut-Type Prosthesis Combined with Autograft Reconstruction for Giant Cell Tumor of the Distal Femur																																																																																																									
12:16	182 Han Wang (China): Efficacy of ICG-Based NIR Angiography in Assessing Intraoperative Wound Perfusion for Bone and Soft Tissue Surgery																																																																																																									
12:19	343 Liu Yuan (China): Hip Reconstruction Using a Customized Intercalary Prosthesis with the Rhino Horn-Designed Uncemented Stem for Ultrashort Proximal Femur Segments Following Tumor Resection: A Combined Biomechanical and Clinical Study																																																																																																									
12:22	Discussion																																																																																																									
12:30	290 Giovanni Beltrami (Italy): Custom Made 3D Printed Titanium Prosthesis after Bone Tumor Resection in Pediatric Age: How New Technologies Overcomes Conventional Reconstruction Limits																																																																																																									
12:33	352 Liu Yuan (China): Early Clinical Outcomes of a 3D-Printed Porous Metallic Prosthesis for Treating Campanacci Grade I-II Giant Cell Tumor of the Proximal Tibia																																																																																																									
12:36	477 Yongsung Kim (South Korea): Clinical Outcomes and Complications after Total Femur Replacement: A Descriptive Analysis from Two Tertiary Referral Centers																																																																																																									
12:39	356 Li Min (China): Efficacy of Three-Dimensional Printed Customized Porous Prosthesis with Preserved Articular in the Reconstruction of "Ultra-Critical Size" Bone Defect around the Metaphysis of Peri-Knee																																																																																																									
12:42	Discussion																																																																																																									
12:50	434 Prakash Nayak (India): Results of the MITE (Metal Ions in Tumour Endoprosthesis) Study- A Prospective Study of Serum Metal Ion Levels in Patients Undergoing Revision of a Fixed Hinge Endoprosthesis																																																																																																									
12:53	987 Eiji Nakata (Japan): Stress Shielding-Related Bone Resorption and Prosthetic Failure After Proximal Femoral Endoprosthetic Reconstruction for Primary Malignant Bone Tumours																																																																																																									
12:56	471 Vineet John Kurisunkal (United Kingdom): High Complication Rate and Poor Prognosis of Radiation-associated Bone Sarcoma in the Pelvis: A Single Center Retrospective Study																																																																																																									
12:59	997 Dimitra Papagelopoulou (Greece): Physical Activity and Quality of Life after Tumor Resection Around the Knee and Limb Salvage																																																																																																									
13:02	Discussion																																																																																																									
13:10	686 Gerhard Maale (United States): Results of Lymphocyte Transformation Testing in Known Cases of PJI																																																																																																									
13:13	777 Ritvik Kakumani (United States): The Impact of Metal-ion Hypersensitivity (MIH) on the Recurrence of Infection in Patients Treated using the One-stage Approach for PJI																																																																																																									
13:16	837 Marisa Ulrich (United States): Do Changes in Serum Metal Ion Concentrations Impact Cardiac Function in Patients with an Endoprosthesis? Results of a Prospective Study																																																																																																									
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13:30-14:00	Closing & Farewell																																																																																																									

Thursday, September 24, 2026

08:00-09:00

Poster Session I

Basic Science I

Chairs: **Julia von der Linden (Austria)**

800	Vikas Bachhal (India): Can Micro RNAs (miR-22, miR-301a and miR-584) predict Chemoresistance in Osteosarcoma? - An observational study.
141	Vasileios Apostolopoulos (Czech Republic): Implant Survival and Failure Patterns of Cemented Custom-Made Tumor Knee Endoprostheses after Distal Femoral Resection
111	Zhenyu Cai (China): Mechanism of LRRC15 in Promoting Malignant Progression of Osteosarcoma
60	Zhenfeng Duan (United States): Inhibition of the glucose transporter type 1 (SLC2A1/GLUT1) impairs chondrosarcoma growth and survival
43	Chiara Gassner (Austria): Treatment of sarcomas with particle therapy. Retrospective, multicentre study of clinical and oncological outcomes in Austria
207	Hideyuki Kinoshita (Japan): Redox Homeostasis as a Key Regulator of Tumor Progression in Epithelioid Sarcoma: Implications for Novel Therapeutic Strategies
80	Hans Roland Dürr (Germany): Pathological deviation of gait pattern after megaprostheses implantation in the knee joint. Analysis.
215	Andreas Leithner (Austria): MET/ALK Inhibition Enhances Carbon Ion Radiation Response in Sacral Chordoma Cells
693	Aanchal Bhatia (India): Mid to Long Term Psychological Outcome in Sarcoma Survivors is Independent of Functional Outcome
161	Blas Vargas (Chile): Primary Malignant Musculoskeletal Tumor Mortality Trends in Chile (1997–2022)
123	Leilei Xu (China): Novel Oncogene COL8A1 Contributes to the Proliferation and Invasion of Osteosarcoma Cells Possibly via Interaction with EGFR

Biological Reconstructions I

Chairs: **Humaid Al Farii (Oman) - Elisa Pala (Italy)**

389	Mariel Spense (Argentina): Intercalary Allograft Reconstruction of the Femur for Malignant Bone Tumours. Functional Outcomes and Complications
138	Qiyuan Bao (China): The Outcomes of En-bloc tumor Resection with Neurovascular Reconstruction for Limb Salvage in Locally Advanced Bone and Soft Tissue Sarcoma
564	Cecilia Belzarena (United States): Implementing Liquid Nitrogen for Biological Reconstruction from Scratch: Practical Setup, Surgical Pearls and Lessons Learned
569	Cecilia Belzarena (United States): Reconstructing the Irreparable: A Novel Approach to Femoral Head Defects after Chondroblastoma Curettage
430	Muni Srikanth lytha (India): Cryoablation in Recurrent Adamantinoma of the Tibial Diaphysis in a Pediatric Patient - A Case Report
128	Yusei Katsuyama (Japan): Risk Factors Associated with Delayed Bone Union after Reconstruction Using liquid Nitrogen-Treated Autografts Following Tumor Resection
183	Adyb - Adrian Khal (Romania): Stability over Mobility: Vascularized Fibular Graft Arthrodesis for Complex Proximal Humerus Oncologic Reconstruction
271	Nong Lin (China): Induced Membrane Technique versus Liquid Nitrogen-Treated Recycled Autograft Combined with Free Vascularized Fibular Graft for Reconstruction of Femoral Defects after Resection of Malignant Tumors: A Comparative Study of Two Biological Reconstruction Meth
393	Jiri Lorenc (Czech Republic): Femoral Head Epiphyseo-Separation and Vascularized Fibular Autograft Reconstruction for Proximal Femur Ewing Sarcoma: A 12-year Follow-up
116	Shinji Miwa (Japan): Graft survivals after reconstruction using tumor-bearing frozen bone in the extremities
1007	Bugra Alpan (Turkey): Limb salvage outcomes following periacetabular resections in pediatric and adolescent patients
372	Andrea Sambri (Italy): Graft Infections in Biologic Reconstructions in the Oncologic Setting: Preliminary Results of a Multicentric Study
285	Xiaobo Yan (China): Comparative Study of Segmental Prosthesis Combined with Allogeneic Bone Plate and Flanked Segmental Prosthesis in the Treatment of Femoral Shaft Tumor Defects after Resection
607	Ilyas Rafi (Pakistan): Outcomes of Biological Reconstruction with Liquid Nitrogen-treated Bone in Bone Sarcomas in Developing Countries

Bone Sarcoma I

Chairs: **Patricio Alfaro (Chile) – Zeeshan Khan (Pakistan)**

333	Mohammed Arafah (Saudi Arabia): Tranexamic Acid and Tourniquet Use in Osteosarcoma Resection and Reconstruction: A Retrospective Study
211	Won-Jong Bahk (South Korea): Differentiation of Enchondroma and Low-Grade Chondrosarcoma of the Hand: A Clinicoradiologic-Pathologic Study
88	İbrahim Halil Demir (Turkey): Malignancy in Cartilage Tumors Predict By Inflammatory Markers
284	Jorinde Denissen (The Netherlands): Physical Therapy Protocols for Patients with a Megaprosthesis after Bone Tumor Resection
21	Khalil Farooque (Pakistan): Comparative Evaluation of Mega Prostheses for Proximal Tibia and Distal Femur Sarcoma Reconstruction: Clinical Outcomes and Complications in a Retrospective Cohort Study
37	Yucheng Fu (China): The Prognostic Value of Pretreatment Complete Blood Count Parameters in Primary Osteosarcoma: A Multicenter Study of 449 Cases after Limb-Salvage Surgery
476	Magdalena Maria Gilg (Austria): Is Core Needle Biopsy Tract Resection Mandatory in Sarcoma Patients? A Cross-sectional Survey of Orthopaedic Oncologists' Practices
152	Phakamani G Mthethwa (South Africa): Progression of Conventional Osteosarcoma of the Appendicular Skeleton on Adjuvant Chemotherapy: Single-Centre Results of 3-year Minimum Follow-up within South Africa
176	Phakamani G Mthethwa (South Africa): Prognostic Factors for Overall Survival of Conventional Osteosarcoma of the Appendicular Skeleton within a Single-Centre South Africa
943	Akshay Tiwari (India): A Structured NGO-Supported Care Pathway for Paediatric Bone and Soft-Tissue Sarcomas in India: A Multicentre Model to Improve Equitable Access, Limb-Salvage, and Survival Outcomes
129	Karoline Schwarz (Austria): Iatrogenic Tumor Cell Seeding Following a Pathologic Fracture in an Undiagnosed Osteosarcoma: A Case Report
68	Qianyu Shi (China): Detection of Molecular Residual Disease in Osteosarcoma using Circulating Tumor DNA
306	Yasunori Tome (Japan): Impact of Recurrence and Metastasis Timing on the Prognosis of Osteosarcoma
213	Anna Cooper (United States): Innovative Large-Gap Nerve Reconstruction during Limb-Salvage for Recurrent Popliteal Osteosarcoma requiring Tibial Nerve Resection

Thursday, September 24, 2026 (08:00-09:00)

Bone Sarcoma II

Chairs: **Christian Pauritsch** (Austria)

548	Sumin Jeong (United States): Size-Stratified Chemotherapy Effects in Soft Tissue Sarcomas: A Propensity Matched Cohort Analysis
516	Mishari Alanezi (Saudi Arabia): Which comes First In Osteosarcoma Management, Chemotherapy or Surgery? A Systematic Review and Meta-analysis of Oncological Outcomes
494	Mouli Edward (Indonesia): Neglected Case of Osteosarcoma II B on the Distal Right Femur with Ulcer Penetrating Both Sides of the Left Thigh
515	Odion Binitie (United States): Area Deprivation Index Impact on Adolescents and Young Adults with Bone Sarcoma
702	Ezekiel Dingle (United States): Trivariate Spline Modeling of BMI-operative Time-hematocrit Interactions for Transfusion Risk Prediction in Sarcoma Surgery
770	Mohammad Halawani (Saudi Arabia): Reconstruction of the Distal Fibula with a Trevira Tube following Oncologic Resection: A Case Series
751	Anna Hohensteiner (Austria): Leiomyosarcoma of Bone – A Single Center Experience with 19 Cases of a Rare Entity
739	Mustafa Onur Karaca (Turkey): Impact of Histological Grade and Surgical Margin Status on Outcomes in Low-grade Osteosarcoma: A Retrospective Cohort Study
572	Taisuke Matsuyama (Japan): World's First Case of De-differentiated Adamantinoma with Osteosarcomatous Differentiation: A Novel Two-stage Reconstruction Strategy using a Temporary Arteriovenous Shunt
732	Oluwaseyi Idowu (Nigeria): Diagnostic Value of Inflammatory Markers in Primary Bone Sarcomas
645	Noel Rex Penaranda (Philippines): Unique Capabilities of Rotationplasty Demonstrated in Two Rare Pediatric Cases
588	Haijie Liang (China): SKP2 Marks Immune Exclusion and Predicts Checkpoint Outcomes: Pan-cancer Multi-omics with in Vivo Validation in an Immunocompetent Osteosarcoma Model
507	Zachary Reuter (United States): Lateral Knee Reconstruction after Complex Tumor Resection: A Retrospective Case Review of Patients with Tumors of the Proximal Fibula and Surrounding Soft Tissues
737	Abigail Tud (Philippines): Pathological Fracture in Localized High Grade Osteosarcoma: Limb Salvage or Amputation?
604	Arvid Von Konow (Sweden): No Survival Benefit following Implementation of Standardized Care Pathway for Bone Sarcoma in Sweden

Infections I

Chairs: **Mariel Spense** (Argentina)

514	Omar Aldosari (Saudi Arabia): Two-stage Management of Prosthetic Infection after Pediatric Total Femur Replacement: Custom 3D-printed Mold and Antibiotic Cement Spacer Enabling Limb Salvage
85	Lorenzo Andreani (Italy): Limb Salvage in Large Segmental Bone Infections Using Hand-Made Antibiotic-Loaded Megaspacers: Surgical Technique and Early Outcomes
701	Joseph Benevenia (United States): Management of Complications in Patients Treated with Photodynamic Polymer Stabilization for Metastatic Bone Disease
812	Mattie Raiford (United States): Does Adding Calcium Sulfate Beads Lead to Higher Treatment Success Rates in Megaprosthesis Joint Infections?
391	Alex Hayden (United States): Surgical Management of Infected Tumor Endoprostheses: Survivorship and Mid-term Implant Prognosis
13	Christina Enciso Holm (Denmark): Evaluation of Zimmer® Segmental distal femur mega-prostheses: Patient survival, Surgical Outcomes and Functional outcome
650	Hyun-Soo Kim (South Korea): Clinical Outcome of Periprosthetic Infection after Tumor Reconstruction
157	Cail Aleksei Lingatong (Philippines): Outcome of Delayed Conversion from Arthrodesis to Megaprosthesis in Patients with Osteosarcoma Around the Knee: A Case Series
922	Tomas Zamora (Chile): How Durable Are Lower Extremity Megaprostheses? Mid- and Long-Term Revision-Free Survival and Predictors of Failure from a Contemporary Institutional Cohort
638	Berksu Polat (Turkey): Surgical Management and Risk Factors of Stem Breakage in Megaprosthesis Limb Salvage: The "Extended Osteotomy" Technique and the Impact of Stem Diameter
170	Sarah Tepper (United States): Factors Related to Aseptic Loosening in Endoprosthetic Reconstruction of the Proximal Tibia
196	Pietro Ruggieri (Italy): Megaprosthesis Reconstruction for Limb Salvage in Complex Oncologic and Non-Oncologic Lower Limb Revisions
429	Marisa Ulrich (United States): Inflammatory Markers in Periprosthetic Joint Infection of Tumor Endoprostheses versus Primary Arthroplasty: A Matched Comparison
72	Marisa Valentini (Austria): Hydatid cysts in the musculoskeletal system: Retrospective case analysis and overview of Austrian epidemiology
46	Pawel Łęgosz (Poland): Don't repeat our mistakes - complications and management of Total Femur Replacement

Pelvic Reconstructions I

Chairs: **Mikel San-Julián** (Spain) - **Miklós Szendrői** (Hungary)

159	Juan Chaustre (Colombia): Surgical Challenges and Reconstruction Outcomes in Hip Osteoradionecrosis: A Ten-Year Experience at a National Cancer Reference Center
163	Minna Laitinen (United Kingdom): Reducing Complication in Pelvic Resection: An Aggregation of Marginal Gains
469	Jonathan Forsberg (United States): The Roll Cage: Polyaxial Pedicle Screw and Rod Construct with Total Hip Arthroplasty for Pelvic Reconstruction Technique, Indications and Outcomes
132	Juan Barriga (Canada): Modular Reconstruction of The Acetabulum in Sarcoma Surgery: A Retrospective Cohort Study
258	Xiu Wen Ling (Malaysia): Outcome of Type 2 Pelvic Resection and Reconstruction with Acetabular Cage in Malignant Pelvic Tumours: A Case Series and Short-term Review
222	Malena Redl (Austria): Should the Pelvic Ring be Closed after Tumor Resection? A Systematic Review
406	Mohd Ariff Sharifudin (Malaysia): Predictors of Major Haemorrhage in Internal Hemipelvectomy: A Focus on Acetabular Involvement
201	Bruno Terrarossa (Argentina): Incidence of Complications in Pelvic Tumor Resection and Reconstruction Surgery Using 3D Technology
893	Mohammad Hardian Basuki (Indonesia): The Clinical Decision-Making in Pelvic Metastatic Bone Disease: A Registry-Based Comparison of ISOLS Scores in a Tertiary Oncology Center
890	Mohammad Hardian Basuki (Indonesia): Hemipelvectomy Functional Outcomes in Pelvic Tumor Patients at Tertiary Referral Centers: A Retrospective Study
225	Zhaoming Ye (China): Fertility Intentions and Outcomes in Reproductive-aged Women Following Pelvic Tumor Surgery
1022	Faqi Nurdiansyah Hendra (Indonesia): Clinical Outcomes and Safety of Percutaneous Cement-Augmented Stabilization for Periacetabular Metastatic Lesions: A Systematic Review and Meta-analysis

Soft Tissue Sarcomas I

Chairs: **Nadine Williams** (United States) - **Maria Anna Smolle** (Austria)

250	Anna Cooper (United States): Can we Operate Sooner? Earlier Surgery after Pre-operative Radiation does not Increase Wound Complications in Soft Tissue Sarcoma Care
158	Brett Bukowski (United States): Perioperative Blood Transfusion and Oncologic Outcomes in Myxofibrosarcoma
165	Marcos Galli Serra (Argentina): Simultaneous Resection of Synchronous Myxoid Liposarcoma of the Popliteal Fossa and Distal Femur with Limb-Salvage Oncologic Endoprosthetic Reconstruction
193	Praveen Gupta (India): Impact of Microscopic Margins of Soft Tissue Sarcomas Resected with Curative Margins; A Single Centre Observational Study
73	Chang-Bae Kong (South Korea): Clinical Impact of Adjuvant Therapy and Prognostic Factors in Localized Myxofibrosarcoma: A Retrospective Single-Center Study with Long-Term Follow-Up
94	Siu Ming Anderson Leung (Hong Kong): Achieving independent ambulation with ankle-foot orthoses after sciatic nerve sacrifice for high-grade sarcoma: a retrospective analysis
181	Chiao Yee Lim (Malaysia): A Report of Two Cases – Soft Tissue Sarcomas in Extreme Age Group
126	Pocholo Iñigo Morales (Philippines): High-Grade Angiosarcoma Arising Beside a Pelvic Orthopedic Implant: A Case Report
254	R.Lor Randall (United States): The Cost of Surveillance in California: MRI Utilization In Recurrent Extremity Soft Tissue Sarcoma
110	Himanshu Rohela (India): A Decade of Experience in Soft Tissue Sarcoma with Synchronous Pulmonary Metastases: Prognostic Factors and Long-Term Survival Insights.
776	Nor Faissal Yasin (Malaysia): Survival and Recurrence in Liposarcoma: Insights from a Single-centre Asian Cohort Study
2	Emre Tepedelenlioglu (Turkey): Outcome of Soft Tissue Popliteal Sarcomas: 15 Years of Experience
31	Desirée Dorleijn (Belgium): Multidisciplinary Surgical Meetings in Sarcoma Care: Current Practices and Opportunities for Improvement – A Qualitative Descriptive Pilot Study
242	Floortje Verspoor (The Netherlands): Planned Versus Unplanned Excision of Soft Tissue Sarcoma: A Systematic Review of Risk Factors, Oncologic Outcomes and Costs
885	Masami Hosaka (Japan): Experience in multidisciplinary collaborative surgery for malignant tumor arising from the chest wall
259	Kensaku Yamaga (Japan): Factors Associated with Delayed Referral to a Specialized Center in Soft Tissue Sarcoma
536	Lena Stojec (Austria): CLCN6-BRAF Gene Fusion Spindle Cell Sarcoma in a Pediatric Patient: A Case Report
692	Karim Masrouha (United States): Geographic Distance to Treatment Center Influences Demographics and Treatment Patterns in Soft Tissue Sarcoma: A National Cancer Database Analysis

Friday, September 25, 2026

12:30-13:30

Poster Session II

Basic Science II

Chairs: **Blaz Mavcic** (Slovenia) - **Sarah Freund** (Denmark)

36	Maria Anna Smolle (Austria): Prevalence of intraosseous calcaneus lipomas on MRI scans. A retrospective cohort study.
175	Phakamani G Mthethwa (South Africa): Unique Gene Expression Profiles within South Africa are Associated with Varied Chemotherapeutic Responses in Conventional Osteosarcoma
631	Chenglong Chen (China): Mannose-targeted Liposomal Doxorubicin Inhibits Osteosarcoma Progression via FoxO Pathway Regulation and Metabolic Reprogramming
855	Gaston Chiesa (Argentina): Effect of hyaluronic acid and mesenchymal stem cells on the mechanical properties of regenerated bone following critical bone defects due to tumor resection
488	Hsiang Chieh Hsieh (Taiwan): Diabetes Mellitus and Time-Updated Glycemic Control are Associated with Increased Risk of Interventional Skeletal-Related Events in Stage I-III Breast Cancer
611	Zhen Chang Liang (Singapore): Carboxylic-Acid Functionalised Polycarbonates as Bone Cement Additives for Improved Antibiotic Delivery to Prevent Infections in Endoprosthetic Reconstruction
216	Andreas Leithner (Austria): Precision Carbon Ion Therapy in Chondrosarcoma via DNA Repair Targeting: In Vitro Insights
491	Marcio Moura (Brazil): Evaluation of the Identification of Simulated Neoplastic Bone Lesions in Porcine Femurs - Experimental Study
272	Hirofumi Oshiro (Japan): Prognostic Prediction using Nutritional Tools for Patients with Bone-Metastatic Non-small Cell Lung Cancer
797	Robert Satcher (United States): BIGH3 mediates osteocyte regulation and osteoclast activity in renal cell carcinoma bone metastasis
318	Yoshiyuki Suehara (Japan): Real-world Landscape of Actionable Genomic Alterations in Bone and Soft Tissue Tumors Based on the Japanese C-CAT Database: A 2025 Update
657	Abigail Tud (Philippines): Slow-thaw versus Fast-thaw: Does Prolonged Cryogen Exposure Time Induce more Tumor Cell Apoptosis?
587	Haijie Liang (China): Patient-specific Finite Element Analysis of Percutaneous Tripod Reconstruction for Periacetabular Metastases: Biomechanical Stratification by the Metastatic Acetabular Classification
833	Janista Wongratanacheewin (Thailand): Tendency of Gut Microbiota and Their Metabolites to Modulate Anti-Tumor Immunity in Osteosarcoma: A Preliminary Study at Srinagarind Hospital.
1018	David Wood (Australia): Neo-angiogenesis in Osteosarcoma; A potential therapeutic target

Benign Bone Tumours I

Chairs: **Xiaobo Yan** (China) - **Tomas Zamora** (Chile)

74	Vivek Ajit Singh (Malaysia): The Clinical, Functional and Oncological Outcomes of Patients with Giant Cell Tumour of Bone at University Malaya
897	Ying Jin Tan (Singapore): Frozen, Not Forsaken: Limb-Sparing Cryoablation for Axillary Desmoid Tumour
714	Cecilia Belzarena (United States): Technical Pearls for Brachial Plexus Schwannoma Resection: Safe Dissection, Strategic Exposure and Nerve Preservation
475	Maximilian Thomas Buchwald (Austria): Challenging the Sarcoma Mimic: Benign Genomic Architecture in Infiltrative USP6-Rearranged Nodular Fasciitis – A Retrospective Study
435	Chung Ming Chan (Singapore): Management of Knee Contracture; A Case Secondary to Aggressive Fibromatosis Treated with Surgery and Radiation
19	Edoardo Ipponi (Italy): Return to sport after curettage for benign and locally aggressive bone tumors
405	Kan Ito (Japan): Curettage for Distal Radius Giant Cell Tumors: Fracture Risk and Long-Term Local Control
425	Muni Srikanth Iytha (India): Limb Salvage in Recurrent Giant Cell Tumour of Distal Tibia with Fungating Ulcer
12	Andreas Leithner (Austria): Long-term MRI Follow-up of Lesion Characteristics in Enchondromas and Atypical Cartilaginous Tumors of the Knee and Shoulder
283	Bennie Lindeque (United States): Recurrence Rate of Atypical Lipomatous Tumors: A Retrospective Study
249	Michal Mahdal (Czech Republic): Combined Denosumab and Sunitinib Treatment Effectively Reduces the Viability of Tumor Cells in a Giant Cell Tumor of Bone
212	Hideji Nishida (Japan): Three Cases of Calcific Myonecrosis of the Lower Leg
288	Muhammad Rizqi Adhi Primaputra (Indonesia): Extended Curettage vs En-Bloc Resection for The Treatment of Giant Cell Tumor: A Systematic Review
418	Zachary Reuter (United States): Proliferative Disease of the Shoulder Girdle: A Retrospective Case Review of Patients with Tenosynovial Giant Cell Tumor or Synovial Chondromatosis
440	Isabella Victoria Rosello (Philippines): Polyethylene Wear Pseudotumor in a 66-Year Old Female Following Metal-on-Polyethylene Total Hip Arthroplasty: A Case Report and Review of Literature
383	Mariel Spense (Argentina): Biological Reconstruction of the Proximal Femur in Adults and Children with Benign Bone Tumours and Tumor-Like Lesions
99	Shoufeng Wang (China): Surgical management of giant cell tumor of bone with pathological fracture and complications

Biological Reconstructions II

Chairs: **Susanne Scheipl** (Austria) - **Anna Hohensteiner** (Austria)

921	Mohammad Altayeb (United Kingdom): Outcome of Allograft reconstruction after tumour resection, single centre cohort study.
829	Thanapon Chobpenthai (Thailand): A Review on Bone Tumor Management: Cutting-Edge Strategies in Bone Grafting, Bone Graft Substitute, and Growth Factors for Defect Reconstruction.
1003	Brooke M. Crawford (United States): Recurrent Revision Following Oncologic Distal Femoral Replacement: A Single Center Evaluation of Failure Characteristics
479	Mouli Edward (Indonesia): 13 Years Evaluation Osteosarcoma II B of The Left Distal Femur after Resected and Reconstruction by Pasteurized Autograph of Left Distal Femur and Distal Femur Nail Fixation
465	Ahmed Mounir Elsayed (Qatar): Innovative Resection Technique and Biological Reconstruction for Proximal Femur Malignant Bone Tumor in a Pediatric Patient
996	Panayiotis Gavriil (Greece): Biological Reconstruction of Medial Instability Following Total Ankle Arthroplasty with Custom 3D-Printed Talus Replacement
806	Hüseyin Kaya (Turkey): Limb Salvage For Malignant Bone Tumors Of Distal Tibia With Extracorporeally Irradiated Autograft
934	Zeeshan Khan (Pakistan): Biological reconstruction of distal tibia neoplasms. Logical or a futile journey, not worth considering.
432	Phongsathorn Meethawongul (Thailand): Stem-Allograft Composite Augmentation in Proximal Femur Endoprosthetic Reconstruction: A Finite Element Study
990	Dareen Rednah (Australia): Biological distal femur reconstruction, the future of pediatric reconstruction and its complications
444	Mohd Ariff Sharifudin (Malaysia): Injectable Calcium Sulphate Following Curettage of Benign Bone Cysts: A Case Series on Graft Incorporation and Functional Recovery
850	Ong Shir Lee (Malaysia): Economical 3D-printed Mould Technique for Biological Reconstruction in Orthopedic Oncology
505	Thomas Wong (Singapore): Pedicled Freezing of the Distal Tibia without an Osteotomy. A Novel Surgical Technique
866	Eduardo Sadao Yonamine (Brazil): Reconstruction Using the Frozen Autograft Technique After Resection of Malignant Bone Tumors – Evaluation of 26 Cases
234	Humaid Al Farii (Oman): Figure-of-Eight Patellar Tendon Reconstruction in Proximal Tibial Megaprosthesis: A Pilot Study of a Novel Surgical Technique

Bone Sarcoma III

Chairs: **Bugra Alpan** (Turkey)

478	Shaohua Du (China): Using Two New Activated Chemiluminescent Probe to Detect the Aminopeptidase N/CD13 (APN) and Leucine Aminopeptidase (LAP), in Osteosarcoma Patients and the Prognosis of Recurrence and Metastasis
512	Omar Aldosari (Saudi Arabia): Preoperative Inflammatory and Nutritional Biomarkers as Predictors of Postoperative Complications in Bone and Soft Tissue Sarcoma Surgery
413	Jungo Imanishi (Japan): Are Age Over 50 Years, Cortical Thickness Less Than 2.5 mm or Smoking Status Contraindications for the Compress® System? A Clinical Review of 17 Patients by a Single Surgical Team in Japan
323	Emir Benca (Austria): Primary Stability of the OPRA Implant System for Transfemoral Amputees: A Biomechanical Ex Vivo Study
498	Felipe Murad (Argentina): Bone margins in malignant bone tumors of the extremities
651	Veysel Burak Özmusul (Turkey): Long-term Functional and Biomechanical Outcomes after Limb-salvage Reconstruction for Primary Distal Tibial Bone Tumors: A Single-center Cohort Study
492	Vishnu Ramanujan (India): Results of Low Cost Nail Cement Spacer Following Intercalary Resections of the Lower Limb: Where Less is Actually More
462	Teodora Todorova (North Macedonia): Biopsy Tract Contamination after an Open Biopsy in Chondrosarcoma Patients: Case Series
422	Hiroshi Urakawa (Japan): The Discordance Between Pre- and Post-Operative Pathological Diagnoses in Chondrosarcoma: From a Specialized Sarcoma Treatment Center in Japan
427	Lee Zuckerman (United States): Role of Immunotherapy in IDH Mutated Chondrosarcoma - Case Series and Review of the Literature

Bone Sarcoma IV

Chairs: **Rodrigo Cardoso** (Brazil)

947	Sarah Tepper (United States): Dedifferentiated chondrosarcoma demonstrates rapid development of metachronous pulmonary metastasis: a time-to-event analysis
799	Abdullah Alanazi (Saudi Arabia): Correlation between MRI Template and Tumor Resection for Safety Margin – A Retrospective Study
956	Abdulrahman Bobseit (Saudi Arabia): Impact of Surgical Margin on Local Recurrence and Survival in Bone Ewing Sarcoma of Extremities. When Do We Need Radiotherapy? A Meta-analysis.
905	Miguel Santana Costa (Brazil): Gait and Quality of Life After Resection of Foot and Ankle Tumors: A Functional Analysis
965	Minal B Shivaprakash (India): The Bio-Prosthetic Era: Hybrid Reconstruction Of Bone Tumors - A Case Series
867	Oluwaseyi Kayode Idowu (Nigeria): Challenges and outcome of management of chondrosarcoma at a regional musculoskeletal oncology unit in Sub-Saharan Africa
857	Siddhartha Laskar (India): Post Operative Radiotherapy (PORT) following Limb Salvage Surgery (LSS) in Children with Ewings Sarcoma
999	Dimitra Papagelopoulos (Greece): Artificial Intelligence in Primary Malignant Bone Tumor Imaging
927	Charalampos Pavlopoulos (Greece): Treatment of Proximal Tibial Osteosarcoma with En Bloc Resection and Oncologic Megaprosthesis Reconstruction
916	Anand Raja (India): Does Definitive radiation therapy play a role in "operable" Ewing sarcoma of the extremities and pelvis?
950	Thomas Evans (United States): The prognostic impact of pathologic fracture in chondrosarcoma of the long bones: independent prediction of local recurrence
1013	Thomas J. Scharschmidt (United States): Metabolic Response and Tumor Mineralization on PET/CT as Predictors of Histologic Necrosis in Osteosarcoma
1014	Thomas J. Scharschmidt (United States): Postoperative Fever after Radical Resections of Pediatric Extremity Sarcomas is Not Associated with Positive Blood or Urine Cultures
1015	Thomas J. Scharschmidt (United States): Change in Standard Uptake Value after Neoadjuvant Chemotherapy Correlates with Necrosis and Length of Survival in Pediatric Osteosarcoma
952	Maurizio Scorianz (Italy): Surgical Management of Chest Wall Chondrosarcoma: Reconstruction Strategies and Early Postoperative Outcomes in a Single-Center Series
854	Ting Yu Shih (Taiwan): Forearm limb salvage procedures for primary malignant osseous tumors
591	Pawan Kumar Suthar (India): Limb Salvage with Cement Spacer for Malignant Calcaneal Bone Tumors
202	Yousef Naser (Slovakia): Evaluation of Patients Undergoing Limb Salvage Surgery for Bone Sarcomas of the Lower Limb

Imaging Techniques

Chairs: **Antonio Batalha Castello Neto** (Brazil)

951	Ali Ijaz Ahmad (Pakistan): 18F-FDG PET/CT-Guided Surgical Planning for Sarcoma Resection in the Presence of MRI-Incompatible Implants: A Case Series
740	Munjed Al Muderis (Australia): Role of 3D Modelling in an Accurate Deformity Assessment and Correction
364	Huseyin Bilgehan Cevik (Canada): Feasibility and Utility of Synoptic 3D Virtual Reality Imaging Reports for Complex Sarcoma Surgery
668	Michiyuki Hakozaiki (Japan): Preoperative PET/MRI Findings for the Planning of Additional Wide Resection of Soft Tissue Sarcomas: How Useful is it?
705	Reynaldo Jesus-Garcia (Brazil): Can PET-CT Improve the Diagnostic Accuracy of Central Cartilaginous Tumors? A Risk-Stratified SUVmax Model
573	Min Wook Joo (South Korea): Do Pre-referral Magnetic Resonance Imaging Scans for Soft-tissue Tumors Fulfill Current Technical and Reporting Recommendations?
583	Amar Kamat (India): How Useful is Navigation with Automatic Registration using a 3D C-arm in Orthopaedic Oncology?
412	Wanlim Kim (South Korea): Susceptibility Artifact Evaluation for 3D Printed Metal Implant According to Porosity Variation and Design: Ex Vivo Study
119	Tsukasa Mizuno (Japan): Utility of Artificial Intelligence for the Histopathological Diagnosis of Cartilaginous Tumors
328	Daniel Müller (Switzerland): Intraoperative Indocyanine Green Fluorescence Imaging for Margin Assessment in Sarcoma Surgery: A Systematic Review of Clinical Evidence
964	Michele Boffano (Italy): Radiomic Biomarkers from MRI for Predicting Chemotherapy Response in Synovial Sarcoma: A Retrospective Single-Center Study
938	Akshay Tiwari (India): Accuracy of MRI in predicting response to chemotherapy in Primary Bone Sarcomas: A Radiological-Histopathological Correlation Study
753	Madeleine Willegger (Austria): Outcomes of treatment of 333 Osteoid Osteoma in a Retrospective Single-Center-Cohort
754	Madeleine Willegger (Austria): Treatment Outcomes of Osteoid Osteoma around the Foot and Ankle – A Retrospective Single Center Study
632	Tomotaka Yoshida (Japan): Does Pre-referral Ultrasonography Contribute to Appropriate Referral of Soft Tissue Sarcomas?
677	Fanwei Zeng (China): Expression of B7-H3 in Primary Malignant Bone Tumors and its Imaging Performance as a Target for Fluorescence-guided Surgical Navigation
1021	Laura Campanacci (Italy): Prediction of Femoral Fracture Risk in Patients with Bone Metastases
532	Sarah Tepper (United States): Integrating BACTIP and the Radiological Aggressiveness Score into a Stepwise Management Algorithm for Intramedullary Cartilage Tumors

Soft Tissue Sarcomas II

Chairs: **Magdalena Maria Gilg** (Austria)

749	Anna Cooper (United States): Radiation-associated Femoral Nonunion and Fixation Failure following Limb-salvage Surgery for Anterior Thigh Soft Tissue Sarcoma: Two Case Reports and a Review of the Literature
266	Muhamad Naseh Sajadi Budi (Indonesia): Unraveling the Causes of Diagnostic and Therapeutic Delay in Healthcare Settings: An Analytical Study in a General Hospital
731	Tymoteusz Budny (Germany): The Impact of Resection Margins in Primary Resection of High-grade Soft Tissue Sarcomas
708	Stéphane Cherix (Switzerland): Role of Abdomino-Pelvic CT In Detecting Metastatic Disease In Musculoskeletal Soft Tissue Sarcomas
388	Odion Binitie (United States): To Stage or Not to Stage? A Multi-Institutional Review of Staged Resection with Temporizing VAC on Soft Tissue Sarcoma and Local Recurrence Rates
147	Jun Iwatsu (Japan): Clinical Outcomes of Prophylactic Intramedullary Nailing to Prevent Post-Radiation Fractures in Soft Tissue Sarcoma of the Lower Extremity
379	Marco Focaccia (Italy): Prognostic Impact of Soft Tissue Sarcoma Lymph Node-Metastases: Early vs Late Onset
755	Philipp Funovics (Austria): Adult Rhabdomyosarcoma - A Retrospective Single-Center-Study
566	Yoko Hagiwara (Japan): Treatment of Unresectable Soft Tissue Sarcoma in Elderly Patients with Multiple Metastases at Initial Diagnosis
822	Krista Goulding (United States): National Trends and Burden Composition of Soft Tissue and Extraosseous Sarcomas in the United States, 1990-2023
704	Hüseyin Yusuf Yildiz (Turkey): Primary Intra-articular Sarcomas: A Retrospective Review of Eight Cases
310	Samuel Broida (United States): Risk Factors and Outcomes of Local Recurrence in Synovial Sarcoma
576	Jaylon Pascual (Canada): Biomechanical Impact of an Actuated Knee-Ankle-Foot Orthosis for Extensor Mechanism Deficiency
641	Berksu Polat (Turkey): Survival and Complication Profile in Myxoid Liposarcomas: An 18-Year Retrospective Analysis
438	Tatsuro Saruga (Japan): Preoperative D-Dimer-Guided Screening for Venous Thromboembolism in 2,176 Patients Undergoing Surgery for Bone and Soft-Tissue Sarcoma
437	Seiji Shimomura (Japan): Does Infiltrative Growth Pattern Affect Outcomes after Unplanned Excision of Soft Tissue Sarcomas?
673	Iris Skornja (The Netherlands): Globalizing AI in Sarcoma Care: External Validation of a US-Based Model for Predicting Survival in Dutch Patients with Undifferentiated Pleomorphic Sarcoma
712	Santiago Lozano-Calderón (United States): Wound Complications after Staged Free Flap Reconstruction for Sarcoma
35	Maria Anna Smolle (Austria): Changes in incidence and survival of patients with bone and soft tissue sarcomas across Austria over 4 decades.

Saturday, September 26, 2026

11:00-12:00

Poster Session III

Benign Bone Tumours II

Chairs: **Marcos Galli Serra (Argentina)**

709	Joseph Benevenia (United States): Diminished Remaining Subchondral Bone Predicts Risk for Fracture or Arthritis following Treatment of Giant Cell Tumor of Bone at the Knee
859	Gaston Chiesa (Argentina): Coexistence of McCune-Albright syndrome and rheumatoid arthritis: case report.
911	Alfons Datui (Indonesia): Functional Outcome of Modified Elbow Reconstruction After Resection of Giant Cell Tumor Distal Humerus and Literature Review
428	Mohd Ariff Sharifudin (Malaysia): Pubertal Growth Spurt of a Fibular Osteochondroma: A Limb Salvage Pitfall Mimicking Sarcoma in a Child with MHE
605	Michiyuki Hakozaiki (Japan): Glomus Tumors: Pitfalls in Diagnosis of Atypical Cases Compared to Typical Subungual Cases
875	Masami Hosaka (Japan): Usefulness of bone cement in operation for giant cell tumor of bone
560	Bianca Johnson (Australia): The Use of Bonalive Synthetic Graft in the Treatment of Benign Bone Tumours and Associated Complications
665	Hatice Karatas (Austria): Management of Incidental Enchondromas and Atypical Cartilaginous Tumors in Primary Total Knee Arthroplasty: A Retrospective Single-center Case Series
904	Jaeyoung Lee (South Korea): Recurrence Analysis Following Surgical Treatment of Giant Cell Tumor of Bone
603	Akira Nabeshima (Japan): Clinical and Radiographic Outcomes of Cotton-shaped β -Tricalcium Phosphate after Curettage of Hand Enchondroma
849	Kousik Nandy (India): Giant cell tumour in pregnancy - an unusual behaviour pattern in a challenging scenario
1017	Hideto Obata (Japan): Benign Lipomatous Tumors: Clinical Features and Outcomes of Surgical Treatment — A Single-Institution Retrospective Study
1002	Dimitra Papagelopoulou (Greece): Artificial Intelligence in Benign Bone Tumor Imaging
991	Dareen Rednah (Australia): should chest imaging obtain as routine in patient diagnosed with GCT to detect chest metastatic?
782	Katharina Slota (Austria): Atypical Aggressive Lipofibromatosis-like Neural Tumor. A Case Report
796	Kongtap Sukreerak (Thailand): Spontaneous Necrosis and Auto-Amputation of Hemangiomas in Maffucci Syndrome Following Vasopressor Therapy: A Multifactorial Cascade
381	Bruno De Paula Leite Arruda (Brazil): Analysis of Gait and Functionality in Patients Undergoing Curettage for Intermediate Knee Tumors
724	Emre Tepedelenlioglu (Turkey): Giant Cell Tumor of the Tendon Sheath in Acral Regions: Demographics, Localization and Prognostic Factors
889	Jin Wang (China): Exploring the genetic landscape and immune profiling of desmoid tumors
789	Kester Wee (Philippines): Malignant Transformation of Giant Cell Tumor of Bone: A Report of 7 Cases from a Sarcoma Referral Center in the Philippines
912	Yong Zhou (China): Minimally Invasive Treatment of Unicameral Bone Cysts with Calcium Phosphate Cement: A Retrospective Study on Efficacy, Recurrence, and Bone Healing

Infections II

Chairs: **Adriana Hernandez Lopez (Mexico)**

845	Alan Blank (United States): Distal Femur Replacement for Oncologic vs. Non-Oncologic Indications: A Comparative Analysis of Outcomes
846	Alan Blank (United States): Primary versus Secondary Patellar Resurfacing in Oncologic Megaprosthesis Knee Reconstruction: A Multi-institutional Retrospective Cohort Analysis
992	Megan Badejo (United States): Infection Following Endoprosthetic Reconstruction of the Proximal Humerus: A Multi-Institutional Collaborative Study
878	Juan Chaustre (Colombia): Does Size Matter? Analyzing Stem Length and Fill Ratio as Predictors of Megaprosthesis Integration
958	Zyad Aldosari (Saudi Arabia): Outcomes Of Lower Extremity Endoprosthetic Reconstruction For Osteosarcoma: A Single-Center Experience
978	Maria Alves Parreira (Portugal): Bilateral Proximal Femoral Endomegaprotheses for Chronic Hip Periprosthetic Infection: Limb Salvage Surgery in a Medically Complex Patient
538	Niklas Deventer (Germany): Long-Term Outcomes Following Reconstruction of Diaphyseal Defects of the Upper and Lower Extremities Using Diaphyseal Implants
729	Claudia Di Bella (Australia): Outcomes of Endoprostheses around the Knee for Oncologic Indications in Australia
924	Michele Boffano (Italy): Megaprosthesis revision in long survival patients. How to deal with older prosthesis?
993	Fabio Fernando Eloi Pinto (Brazil): Does Intraoperative Use of Antibiotic-Impregnated Calcium Sulfate Beads Reduce Postoperative Infection in Primary Nonconventional Endoprosthetic Reconstructions?
752	Anna Hohensteiner (Austria): Osteosarcoma and Visceral Metastases in the Hepatopancreatobiliary System
994	Rapin Phimolsarnti (Thailand): Revision of Expandable Prosthesis to Another Expandable Prosthesis: The Outcome of the First Expandable Prosthesis in Thailand.
959	Haley Prough (United States): Radiographic Alignment and Revision Rates of Megaprosthetics: Comparison of All-Polyethylene versus Metal-Backed Tibial Components
459	Akira Nomura (Japan): Continuous Local Antibiotic Perfusion (CLAP) for Refractory Postoperative Infection after Bone Tumor Surgery
504	Samuelson Osifo (United States): Ex Vivo Antibacterial Efficacy of MDPB-Coated Cobalt Chromium Implants against Staphylococcus Aureus and Staphylococcus Epidermidis in Reducing Bacterial Contamination
568	Kei Takeuchi (Japan): Short-term Clinical Outcomes and Radiographic Assessment of Compressive Osseointegration Fixation for Malignant Bone Tumors: A Single-center Experience in Japan

Megaprostheses

Chairs: **Manish Agarwal** (India) - **Gerhard Hobusch** (Austria)

153	Elisa Pala (Italy): Distal Tibia Reconstruction after Bone Tumor Resection: A Single Center Experience
720	Charles Baird (United Kingdom): Implant Survival and Limb-salvage Rates following Combined Proximal Tibial and Distal Femoral Endoprosthetic Replacement
808	Mattie Raiford (United States): Resection Strategy Rather Than Reconstruction Type Influences Functional Outcomes After Oncologic Extraarticular Knee Resection
378	Rebecca O'Keeffe (United Kingdom): Gait and Physical Activity in Patients with Proximal Tibial Replacements after Musculoskeletal Tumours - A Multidimensional Functional Outcome Assessment using the Stanmore Outcomes Project (STOMP)
386	Galust Galustyan (Armenia): Limb Salvage Surgery for Lower Extremity Bone Tumors Using Endoprosthetic Reconstruction: A Single-Center Experience
814	Maria Antonia Gomez-Sierra (Canada): Long-Term Outcomes of a Custom Non-Fluted Diaphyseal Press-Fit Stem in Tumor Megaprostheses With Minimum 3-Year Follow-up
24	Seyyed Saeed Khabiri (Iran): Functional and oncological outcomes of distal femoral reconstruction in young children: A systematic review and meta-analysis
81	Hans Roland Dürr (Germany): Correlation of blood metal ion values (chromium and cobalt) with gait parameters after megaprothetic knee replacement.
117	Blaz Mavcic (Slovenia): Reoperation rates of megaendoprostheses: A 2010–2025 cohort study
497	Alowa Maria Nyssen (Brazil): Long-term Survival and Failure Modes of Endoprosthetic Reconstruction after Limb-salvage Surgery for Musculoskeletal Tumors: A Single-institution Study
957	Panayiotis J. Papagelopoulos (Greece): Risk factors for failure of endoprosthetic reconstruction with megaprostheses after musculoskeletal tumor resection
287	Muhammad Rizqi Adhi Primaputra (Indonesia): Risk Factors of Periprosthetic Joint Infection Following Limb Salvage Surgery using Megaprosthesis in Bone Tumor Patients: A Systematic Review and Meta-Analysis
208	Ahmad Shehadeh (Jordan): Beyond Replacment: Evaluating the Mid-Term Outcome of Joint-Sparing Implants
545	Jun Sugaya (Japan): Characteristics of Cementless THA and BHA Reconstruction following Proximal Femoral Bone Tumor Resection at our Institution
162	Gwen Sys (Belgium): Attaining the Planned Femoral Rotation During Surgery Remains Challenging in Endoprostheses of the Distal Femur
187	Harsha Tadala (India): Oncologic and functional outcomes after excision of proximal femur primary bone tumours and bipolar endoprosthetic replacement
442	Pavan Kumar Reddy Thumma (India): MESH-CAP: A Tensioned Mesh Capsular–Abductor Reconstruction Technique to Prevent Dislocation and Improve Abductor Function Following Wide Local Excision with Proximal Femur Megaprosthesis — A Case Series of 12 Patients
836	Nor Faissal Yasin (Malaysia): Outcome of constrained acetabular liners in an orthopaedic oncology practice: A short-term review
953	Jasprit Kaur (United Kingdom): Proximal tibia resection for primary and metastatic bone tumors with reconstruction using a novel tuberosity-sparing proximal tibial endoprosthetic replacement

Metastases

Chairs: **Michal Mahdal** (Czech Republic) - **Valentin Gruber** (Austria)

1023	Moh. Asri Abidin (Indonesia): Patient Reported Outcome Measure of Intramedullary Nailing for Complete Metastatic Subtrochanteric Femoral Fractures: A Single-Centre Indonesian Experience
135	Ukei Anazawa (Japan): Minimally Invasive Screw Fixation with Tumor Curettage and Bone Cement for Acetabular Bone Metastases: A Report of Five Cases
270	Chun Yen Chen (Taiwan): Risk of Local Progression and Distal Seeding in Femur and Humerus Pathologic Fractures Managed with Intramedullary Nailing: A Competing Risk Analysis
821	Krista Goulding (United States): Impact of Social Determinants of Health on Postoperative Outcomes Following Surgical Treatment of Pathologic Proximal Femur Fractures
719	Maegan Tibbo (United States): Mean Inflation-adjusted Surgeon Reimbursement for Prophylactic Treatment of Impending Femur Fractures has Decreased Over 60% from 2000 to 2024
28	Edoardo Ipponi (Italy): Electrochemotherapy in pelvic and vertebral bone metastases: A single institution experience in terms of local and systemic outcomes
552	Cheng-Yo Lai (Taiwan): The Impact of Nutritional and Psychological Status on Clinical Outcomes in Patients with Bone Metastases Undergoing Orthopedic Surgery: A Prospective Cohort Study
574	Francis Lee (United States): Percutaneous Joint Preserving Stabilization for Ipsilateral Femoral and Acetabular Metastases: Clinical Outcomes and Functional Improvement
639	Zhen Chang Liang (Singapore): First-presentation Metastatic Bone Disease in a Well-resourced Healthcare System: A Case Series from Singapore and Implications for Screening
282	Bennie Lindeque (United States): Retrospective Review of Renal Cell Carcinoma Patients with Bone Metastases
441	Sei Morinaga (Japan): Internal Fixation in Femoral Metastases: Functional Recovery and the Prognostic Impact of Early Postoperative Complications
1010	Jennifer Paskins (United Kingdom): OXMINT - a unique and dedicated Metastatic Bone Disease service
245	R.Lor Randall (United States): Outcomes of Operative Versus Nonoperative Treatment for Humerus Metastatic Disease
652	Kyung-Jun Sin (South Korea): Clinical Outcome of En Block Resection for Metastatic Bone Cancer
554	Ryu Terauchi (Japan): Surgical Intervention and Prognostic Factors in Patients with Initial Pulmonary Metastases from Soft Tissue Sarcoma
112	Karl Wu (Taiwan): Retrograde Intramedullary Nailing With Cement Augmentation for Distal Femoral Metastatic Pathologic Fracture: A Limb-Salvage Strategy for Early Mobilization
544	Hung-Kuan Yen (Taiwan): Timing of Metastasis Presentation Matters in Extremity Bone Disease - A Comparison between Initial Manifestation and Metachronous Presentation
546	Hung-Kuan Yen (Taiwan): Impact of Pre-Diagnostic Anemia on the Risk of Skeletal-related Events in Patients with Breast Cancer
636	Qinxiang Shant Sin (Singapore): Outcomes of Minimally Invasive Percutaneous Tripod Screw Fixation for Peri-Acetabular Metastases: Early Experience from a Tertiary Care Centre
973	Mattie Raiford (United States): Photodynamic Nail Fixation Provides Durable Stabilization for Pelvic Metastases Despite Local Disease Progression

Paediatric Patients

Chairs: **Jong Woong Park** (South Korea) - **Markus Hanna** (Austria)

1012	Qinxiang Shant Sin (Singapore): Demographical analysis of pediatric patients undergoing amputation for extremity Sarcoma: A Large single Institution series
8	Humaid Al Farii (Oman): Risk of Chondrosarcoma Transformation from Multiple Hereditary Exostosis under the age of 18, and suggestion for Screening Protocol. Literature Review
926	Saud Alsubaie (Saudi Arabia): Comparative Outcomes of Allografts, Endoprostheses, Allograft-Prosthetic Composite and Vascularised Grafts for Proximal Femur Reconstruction in Pediatric and Adolescent Sarcoma: A Systematic Review and Meta-Analysis
735	Nicolas Casales (Uruguay): Multifocal Giant Cell Tumor with Extensive Sacral Disease in a 13-year-old Patient: An Exceptionally Rare Presentation with Durable Control
237	Costantino Errani (Italy): Outcomes of In-House Designed 3-Dimensional-Printed Cutting Guides for Intercalary Resection and Massive Bone Allograft Reconstruction in Children with Malignant Bone Tumors
970	Markus Hanna (Austria): Surgical Treatment of Pediatric Humeral Cystic Lesions: The Role of Instillation Methods and Lesion Morphology
723	Keiko Hayakawa (Japan): Long-term Outcomes of Expandable Prostheses for Primary Malignant Tumors for Lower Limb in Children
706	Reynaldo Jesus-Garcia (Brazil): Double Vascularized Fibular Graft Achieves Universal Union in Femoral Reconstruction after Bone Tumor Resection
872	Tao Ji (China): Uncemented/3D Printed Stems for Revision of Endoprostheses - Preliminary Clinical Outcomes
960	Leonie Kutscha-Lissberg (Germany): Long-Term Spinal Deformities, Function And Quality Of Life After Surgical Treatment Of Pediatric Spinal Sarcomas
171	Rodanthi Margariti (Greece): Metastatic Risk and Local Recurrence in Pediatric Soft Tissue Sarcomas: A Single-Center Experience
873	Ong Shir Lee (Malaysia): Infection masquerading Malignancy? BCOR-Altered Sarcoma masqueraded as Osteomyelitis over the Great Toe in paediatric age group
584	Pawan Kumar Suthar (India): Role of Growth Modulation in Knee Deformities Secondary to Benign Bone Tumors
192	Nobuhiko Yokoyama (Japan): Skeletal Muscle Mass Change During Treatment for Localized Bone and Soft Tissue Sarcomas in Adolescents and Young Adults
154	Elisa Pala (Italy): Chondroblastoma: A Single Center Experience and Review of the Literature
29	Juan Chaustre (Colombia): Reproducible Allograft-Prosthetic Composite Reconstruction of the Proximal Femur in Children at Extreme Pediatric Age Using a Proximal Humerus Allograft

Pelvic Reconstructions II

Chairs: **Steven Thorpe** (United States) - **Wan Ismail Wan Faisham Numan** (Malaysia)

925	Zeeshan Khan (Pakistan): Clinical and functional outcomes following P1 resection for pelvic tumors: A comparative analysis between resection alone and resection with reconstruction.
795	Chandhanarat Chandhanayingyong (Thailand): Eliminating Manufacturing Delay for Customized 3D-Printed Pelvic Prostheses Increases Operative Burden but Shortens Overall Hospitalization
506	Marian Kubíček (Czech Republic): Vascularized Lower-leg Fillet Flap for Defect Coverage after External Hemipelvectomy: A Two-Case Experience
97	Himanshu Rohela (India): Extracorporeal radiotherapy treated auto-graft prosthetic osteo-articular complex pevic reconstruction following periacetabular tumour resection- A favourable alternative
874	Santiago Lozano-Calderón (United States): Sustained Improvements in Ambulatory Function and Physician-Reported Outcomes Following Minimally Invasive Photodynamic Nail Stabilization of the Pelvis
835	Michiko Sakai (Japan): Salvage Reconstruction Using a Contralateral Vascularized Fibular Graft After Failed Pelvic Ring Reconstruction with a Non-vascularized Fibular Graft in Primary Iliac Ewing Sarcoma: A Case Report
745	Mandip Shah (India): Do We Really Need a Bony Reconstruction after Internal Hemipelvectomy? A Retrospective Analysis of 64 Patients Undergoing Femoro-pelvic Pseudoarthrosis
746	Jingnan Shen (China): Comparison of Clinical Outcomes between Preserved Femoral Head and Nonpreserved Femoral Head in Hemipelvic Reconstruction following Resection of Periacetabular Sarcomas
578	Shunichi Toki (Japan): Do Commercially Available Compression Shorts Reduce Postoperative Complications in High-risk Pelvic, Inguinal and Proximal Thigh Sarcoma Surgery?
669	Tomas Tomas (Czech Republic): Two-stage Reconstruction Procedure after Pelvic Resections
593	Charles Abraham Villamin (Philippines): Repurposing Arthroplasty and Spine Implants as Frugal Innovation in the Reconstruction of Type 2 Pelvis Resection - A Report of 4 Cases
586	Haijie Liang (China): Long-term Outcomes of 3D-printed Hemipelvic Endoprostheses after Enneking Type II/III Periacetabular Tumor Resection: A Single-center Matched Cohort with Reduced Sacroiliac Diastasis and Improved Function
844	Alan Blank (United States): 3D Pelvic Reconstruction Following Hemipelvectomy: A Multi-Institutional Case Series

Robotics

Chairs: **Hiroyuki Tsuchiya** (Japan) - **Duncan Whitwell** (United Kingdom)

205	Vivek Ajit Singh (Malaysia): AI-Enhanced Chest Radiography as a Screening Tool for Lung Metastasis in Sarcoma
817	Jorge Cabroler (Chile): Misinformation in Sarcoma-Related Content Across Major Social Media Platforms: A Cross-Sectional Analysis
818	Jorge Cabroler (Chile): Agreement Between a Large Language Model and Multidisciplinary Tumor Board Decisions in 120 Consecutive Initial Sarcoma Cases
221	Tolgahan Cengiz (Turkey): Comparing Orthopedic Residents and Artificial Intelligence in Musculoskeletal Oncology Knowledge
91	Chaowei Ding (China): Clinical Study of navigation-assisted Osteoid Osteoma Resection
820	Anastasiya Drandarov (United States): Using machine learning to improve accuracy in predicting pathologic fracture risk in cancer patients with bone metastases
895	Suraj Hindiskere (India): Rapid Generation Of Virtual And 3D-Printed Anatomical Models For Bone Tumour Surgery: A Turnaround Time Analysis Of An In-house 3D Lab
750	Minna Laitinen (Finland): Can Artificial Intelligence (AI) with Deep Learning Models Reliably Differentiate Between Normal, Benign and Malignant Primary Bone Tumours on Plain X-ray?
570	Min Wook Joo (South Korea): Three-dimensional Deep Learning-based Prediction of Proximal Femoral Pathologic Fracture Leveraging Opportunistic Abdominopelvic CT in Patients with Advanced Cancer
580	Wei-Hsin Lin (Taiwan): Mixed Reality-aided Excision of Recurrent/Residual High-grade Soft Tissue Sarcomas with Challenging Margins after Initially Unplanned Surgery
83	Satoshi Okita (Japan): Safe tumor-wide resection for sternal chondrosarcoma using robot-assisted thoracoscopic surgery in collaboration with thoracic surgeons. A case report
891	Giuseppe Francesco Papalia (Italy): The role of intraoperative CT-guided navigation system in pelvic tumor resection surgery
375	Kenneth Rankin (United Kingdom): SarcoSIGHT - A Randomised Controlled Trial of Fluorescence Guided Sarcoma Surgery versus Standard of Care
164	Alexander Synek (Austria): Towards Clinically Viable Assessment of Activity-Specific Femur Fracture Risk in Patients with Metastatic Bone Disease: A Combined Biomechanical and Deep Learning Approach
730	Satoshi Takenaka (Japan): CT-based Validation of Mixed Reality-integrated 3D Preoperative Planning in Complex Bone Tumor Resection
834	Janista Wongratanacheewin (Thailand): Unmasking Challenges: Evaluating the Accuracy of AI Hip Fracture Detection in Pathological Fracture Cases and Its Clinical Implications
362	Arthur Woo (Hong Kong): Understanding the Unseen - A Mixed Reality Platform for Immersive Orthopaedic Oncology Simulation Training
482	Xiaobo Yan (China): A Preliminary Exploration of the Role of Robot-Assisted Surgery in the Separation Surgery of Spinal Metastatic Tumors
880	Tomas Zamora (Chile): Comparison of Large Language Models and Human Specialists on a Clinical Knowledge Test in Musculoskeletal Oncology

Sarcoma Registries

Chairs: **Wakenda Tyler** (United States)

881	Eduardo Sadao Yonamine (Brazil): Epidemiology and Histopathological Spectrum of Soft Tissue Tumors of the Hand: A 24-Year Retrospective Analysis
298	Nathan Donaldson (United States): Change in Opioid Prescribing Among Childhood Sarcoma Patients: A Tale of Two Eras
556	David Alejandro Herrera (Brazil): Ligament Stability and Functional Assessment in Patients with Wide Resection of the Proximal Fibula
239	Thomas Hilton (South Africa): Poor Prognostic Features Among Soft Tissue Sarcoma Patients: Analysis Based on the First Sarcoma Registry in South Africa
204	Adam Levin (United States): Do We All Call It The Same: An Inter-Rater Reliability Analysis of the Musculoskeletal Tumor Registry Data Elements
861	Rohith Mutt (India): Establishing a Regional Sarcoma Hub: A 3-Year Experience with 724 Patients in Northern India
227	Charukit Siritham (Thailand): Disseminated Cutaneous Metastases Including the Scalp in Primary Extrauterine Leiomyosarcoma: A Case Report of Rapid Fatal Progression
431	Marisa Ulrich (United States): Large Language Model Extraction of Structured Data in Unstructured Sarcoma Pathology Notes: A Pilot Study

Soft Tissue Sarcomas III

Chairs: **Eric Mascard** (France)

968	Patricio Alfaro (Chile): Prognostic Factors in Soft Tissue Sarcoma: Multicenter Chilean Cohort
981	Tobias Becker-Tonnerer (Austria): Secondary lymphedema due to myxoinflammatory fibroblastic sarcoma: a case report
792	Valerae Lewis (United States): Risk factors for return to the operating room for seromas after wide resection of soft tissue sarcomas of the thigh
423	Muni Srikanth lytha (India): Limb Salvage for Monophasic Synovial Sarcoma of the Wrist with Radial Artery Proximity: A Case Report
772	Natalie Green (United Kingdom): Epithelioid Sarcoma: A Retrospective Review from a Single Centre Tertiary Orthopaedic Sarcoma Unit
983	Asle Hesla (Sweden): Effect of Surgical Margins on Local Recurrence Patterns of Myxofibrosarcomas: A Retrospective Cohort Study From the Stockholm Sarcoma Centre
101	Shoufeng Wang (China): Reconstruction of soft tissue defect after resection of soft tissue sarcoma in extremities with a free vascularized anterolateral thigh flap
771	Amar Kamat (India): Does Immediate Plastic Surgery Reconstruction in Soft Tissue Sarcoma of the Limb Reduce Post-operative Wound Complications in Patients Receiving Pre-operative Radiotherapy
961	Milad Makdis Mouso (The Netherlands): Clinical efficacy and safety of radiotherapy combined with hyperthermia for soft tissue sarcoma: A systematic review
842	Suphakorn Metavornanchai (Thailand): The impact of fungating morphology on local recurrence-free survival in high-grade soft tissue sarcoma: A retrospective cohort study
778	Chase Nowaczyk (United States): High Local Recurrence Rates in Patients Diagnosed with Myxofibrosarcoma
985	Anna Maria Rachbauer (Germany): Reconstruction Using Tumor Endoprostheses After Resection of Soft Tissue Sarcomas
986	Anna Maria Rachbauer (Germany): Outcome After Re-resection of Soft Tissue Sarcomas Following "Whoops"-Procedures
764	Bas Schuitema (The Netherlands): A Nationwide Study on Complications after Pediatric Extremity Soft Tissue Sarcoma Surgery
908	Guido Scoccianti (Italy): Long-term follow-up of localized distal extremity synovial sarcomas: confirmed high overall survival, but be aware of late local recurrences
901	Ying Jin Tan (Singapore): A Tale of Two Hips: Early Metastatic Progression in Pleomorphic Liposarcoma
888	Cihan Ünyılmaz (Turkey): When Can Biopsy Be Avoided in Lipomatous Soft Tissue Masses? A Clinical and MRI-Based Decision Study
868	Hazem Wafa (Belgium): Gait analysis after limb-salvage surgery in adults with deep soft tissue sarcomas of the thigh: a case-control study.
1016	Guowen Wang (China): Postoperative High-Dose-Rate Interstitial Brachytherapy for Soft Tissue Sarcoma Adjacent to Major Neurovascular Structures: A Single-Center 10-Year Retrospective Study
870	Detnarong Wannapet (Thailand): Accuracy of molecular analysis by fine needle aspiration biopsy in distinguish low-grade lipomatoustumors
84	Bhim Shreemal (United Kingdom): Oncologic Outcomes And Prognostic Factors In Alveolar Soft Part Sarcoma: A 30-Year Retrospective Cohort Study From A Single Center

Spine and Sarcal Tumours

Chairs: **Andrea Angelini** (Italy)

525	Shalin Patel (United States): The Use of a Custom 3D-printed Patient-specific Native PEEK Implant for Complex En Bloc Spinal Sarcoma Resection and Reconstruction
784	Gerhard Hobusch (Austria): Multidimensional Patient-reported Outcomes after Treatment of Metastatic Spinal Disease: Convergent Validity of Disease-Specific, Legacy and PROMIS Instruments in a Single-center Cohort
625	Mohammad Hardian Basuki (Indonesia): En Bloc Sacrectomy for Sacral Chordoma: A Single-center Experience with Functional and Oncologic Outcomes
416	Weidong Chen (China): Clinical Application of a Prospectively Designed Algorithm for the Vertebral Space-Occupying Lesions: A Single-Center Retrospective Cohort Study
976	Philipp Funovics (Austria): Risk-Adapted Use of Navigation Improves Pedicle Screw Accuracy in Oncologic Spine Surgery with High Anatomical Complexity
315	Mustafa Onur Karaca (Turkey): Comparison of Prognostic Models and Clinical Outcomes in Pathological Spinal Involvement
48	Chang-Bae Kong (South Korea): Feasibility and Oncologic Outcome of En Resection with Intentional Tumor Transgression in Primary Spinal Sarcoma: The Korean Society of Spinal Tumors Multicenter Study (KSST 2024-02)
148	Yoshihiro Matsumoto (Japan): Impact of Tumor Biology and the Feasibility of Gross Total Resection on Survival in Malignant Spinal Dumbbell Tumors
127	Pocholo Iñigo Morales (Philippines): Outcomes of the Use of the NextAR Intraoperative CT Navigation with Icotec Carbon-Fiber Pedicle Screws for Spinal Fusion in Orthopedic Tumor Surgery: A Case Series
461	Marcio Moura (Brazil): Assessment of Scoring Systems for Surgical Indication Inpatients with Vertebral Metastases
436	Robert Nakayama (Japan): Clinical Outcomes of Lumbosacral Tumor Resection with Sacroiliac Joint Reconstruction
775	Muhammad Nizar (Indonesia): A Case Report of Sacrococcygeal Chordoma with Intra-abdominal Adhesion: Diagnosis and Management
801	Ahmet Salduz (Turkey): Impact of Sacral Resection Level and Reconstructive Strategy on Postoperative Wound Complications in Sacral Tumor Surgery
803	Ahmet Salduz (Turkey): A Sacrum-L5 Anchored Custom 3D-Printed Implant for Reconstruction After Sacrum-Including Internal Hemipelvectomy: A Three-Case Design Concept
876	Eduardo Sadao Yonamine (Brazil): Primary Sacral Tumors: Evolution of a Combined Surgical Technique and Its Impact on Oncologic and Functional Outcomes

Upper Extremity

Chairs: **Nina Myline Engel** (Germany)

524	Shea Byrne (United Kingdom): Endo-prosthetic Reconstruction versus Vascularized Free Fibula Flap after Proximal Humerus Malignant Bone Tumor Resection in Children (≤ 16 years): A Single Centre Experience
493	Chung Ming Chan (Singapore): Complex Hand Reconstruction for Epithelioid Sarcoma: A Case using Side-to-side Phalangeal Fusion
838	Chung Ming Chan (Singapore): Graft Scapho-Lunate Fusion for Stage 3 Giant Cell Tumor of the Distal Radius
810	Dawid Ciechanowicz (Poland): The One-Bone Forearm as a method of limb salvage in a complex case of parosteal osteosarcoma
307	Bilgehan H. Cevik (Turkiye): A Step-wise Decision-making Approach to Manage a Large Segmental Humeral Defect Post-primary Bone Tumor Resection
190	Praveen Gupta (India): Internal Ray Excision: An Innovative Method for Tumors of Small Bones of Hands and Feet to Preserve the Functional and Cosmetic Outcomes
675	Tsung-Yu Ho (Taiwan): Surgical Management of Distal Radius Tumors: Institutional Experience with Adjuvants and Reconstruction Strategies
263	Zi Xiong Lei (China): Application of Customized 3D-Printed Prostheses in Reconstruction after En-Bloc Resection of Bone Tumors in the Upper Limb
180	Chiao Yee Lim (Malaysia): Reconstruction of Elbow Joint for BCOR Sarcoma in Pediatric Patient: Report of Biological Reconstruction with Free Vascularized Fibular Graft
851	Yu-min Lin (Taiwan): The Results of Hand Phalangeal Bone Tumors Treatment
577	Bryan S. Moon (United States): A Newly Reported KIFC1:PHF1 Fusion in High-Grade Small Cell Sarcoma of the Scapula Treated with a Custom Total Scapular Implant with Reverse Total Shoulder Arthroplasty
892	Twindy Rarasati (Indonesia): Experience about Giant Cell Tumor Around the Wrist in a Tertiary Referral Hospital in Surabaya, Indonesia
894	Twindy Rarasati (Indonesia): Surgical Management and Functional Outcomes of Soft Tissue and Bone Tumors of the Hand: A 19-Case Series from a Tertiary Referral Hospital
610	Venkatesan Sampath Kumar (India): Functional Outcomes of Prolene Mesh Suspension of the Humerus following Scapulectomy for Aggressive or Malignant Scapular Tumors
195	Pietro Ruggieri (Italy): Navigated Modular Reverse Shoulder Reconstruction with Exactech Equinox Humeral Reconstruction Prosthesis in Limb Salvage Surgery for Musculoskeletal Tumors
542	Hanako Tsuji (Japan): Oncologic and Functional Outcomes after Wide Excision for Malignant Bone and Soft Tissue Tumors Distal to the Elbow: A Long-term Retrospective Case Series
177	Megan Badejo (United States): A Multicenter Comparison of Reverse Total Shoulder Arthroplasty Versus Hemiarthroplasty for Endoprosthetic Reconstruction Following Oncologic Resection of the Proximal Humerus
228	Zeeshan Khan (Pakistan): Functional and Oncological Outcomes following Proximal Humerus Resection and Reconstruction in Bone Tumor Patients