



ISS2025

51ST ANNUAL CONFERENCE

September 14 - 19, 2025

EPIC SANA Lisboa Hotel • Lisbon, Portugal

SCIENTIFIC SESSION

Morus I (Floor -1, Lower Level)

Monday, September 15, 2025

1:40 pm – 2:50 pm	Scientific Session – Part 1 Moderators: Suzanne Anderson, MD, PhD and Majid Chalian, MD
1:40 pm	MR Imaging of Senescent Cells in Arthritic Joints Heike Daldrup-Link, MD, PhD - Stanford University, USA
1:50 pm	Accuracy of Microvascularity Ultrasound as a Predictor of the Malignancy in Soft Tissue Tumors David Macia Suarez, MD, PhD - Complejo Hospitalario Universitario de Santiago de Compostela, Spain
2:00 pm	What Are the Long-Term Clinical and Functional Outcomes After Intercalary Allograft Reconstruction for Oncologic Indications? Santiago Lozano-Calderon, MD, PhD - Massachusetts General Hospital, USA
2:10 pm	Effectiveness of CT-Guided Continuous Radiofrequency Ablation for Genitofemoral and Ilioinguinal Neuralgia and Comparison to CT-Guided Nerve Blocks Zuhair Zaidi - UT Southwestern Medical Center, USA
2:20 pm	Association of MRI T2 Signal Intensity with the Progression of Desmoid Fibromatosis After Cryoablation: Preliminary Results Leonor Savarese, MD, PhD - Ribeirao Preto Medical School, University of Sao Paulo, Brazil
2:30 pm	Clinical and Imaging Factors Associated with Local Recurrence and Distant Metastasis in Soft Tissue Sarcomas: A 20-Year Retrospective Cohort Study Jim Wu, MD - Brigham and Women's Hospital, USA
2:40 pm	Hip Capsular Thickness as a Marker for Inflammatory Condition: A Case-Control Study Adham Castro, MD, PhD - UNIFESP, Brazil
2:50 pm	BREAK
3:00 pm – 4:10 pm	Scientific Session – Part 2 Moderators: Veronique Freire, MD and Jim Wu, MD
3:00 pm	Imaging of Superficial Peroneal Nerve After Lower Extremity Fasciotomy Meghan Sahr, MD - Hospital for Special Surgery, USA
3:10 pm	MR Assessment of Synovitis in the Hand: Comparison of Axial Flair and Post-Contrast Axial T1 Sequences Jin Hui Yan, MD - Vancouver General Hospital, Canada
3:20 pm	Quantifying Glenoid Bone Loss in Anterior Shoulder Dislocation: Is it Possible to Substitute Gerber Index as an Alternative to Pico Method? Chetna Mishra, MD, MBBS, FRCR - Medanta-The Medicity Hospital, India
3:30 pm	Streamlining Musculoskeletal MRI and CT Protocol Selection with Tree-Based Machine Learning John Zech, MD - Columbia University Irving Medical Center, USA
3:40 pm	Thumb Volar Plate Injuries: Concurrent Soft Tissue Injuries and Patterns of Injury Eric Jones, MD - Massachusetts General Hospital, USA
3:50 pm	Deep Learning for Fully Automated Femoroacetabular Impingement Diagnosis From MRI: A Multicenter Study Eros Montin, PhD - New York University Grossman School of Medicine, USA
4:00 pm	Imaging Findings and Complications After Curettage of Atypical Cartilaginous Tumors of Long Bones: A Retrospective Cohort Study Stefano Fusco, MD - IRCCS Istituto Ortopedico Galeazzi, Italy





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BREAKOUT SESSION

Morus I (Floor -1, Lower Level)

Tuesday, September 16, 2025

1:30 pm – 3:30 pm	Breakout Session Moderators: Connie Chang, MD and Danoob Dalili, MBBS, FRCR
1:30 pm	SSR AWARD PAPER: MRI Findings in Patients with Axillary Nerve Dysfunction Following Glenohumeral Dislocation Injury Lawrence White, MD – University of Toronto, Canada
1:40 pm	What Is the Diagnostic Performance and Accuracy of Serum Inflammatory Biomarkers and Synovial Fluid Analysis in Megaprosthesis Periprosthetic Joint Infections? Santiago Lozano-Calderon, MD, PhD - Massachusetts General Hospital, USA
1:46 pm	Hybrid [18f]FDG Pet-MRI For Identification of Pain Generators in Diagnostically Challenging Chronic Musculoskeletal Pain Rianne A van der Heijden, MD, PhD - Erasmus University Medical Center, Netherlands
1:52 pm	Accuracy Of Magnetic Resonance Imaging in Predicting MDM2 Status in Lipomatous Tumours (LIPOMR-MDM2) Geeta Kapoor, MBBS, FRCR - Norfolk and Norwich University Hospital, United Kingdom
1:58 pm	ISS EARLY CAREER GRANT RECIPIENT: Deep-Learning Derived CT Pectoralis Measures and Mortality in Non-dialysis-dependent CKD: Multi-Ethnic Study of Atherosclerosis Shadpour Demehri, MD – Johns Hopkins University, USA
2:08 pm	Analyses of MRI and Radiographic Measurements of Tibial Slope Varun Ravi, BBA - UT Southwestern Medical Center, USA
2:14 pm	Is Ultrasound Reporting Optimised for Surgical Decision Making in Achilles Tendon Ruptures? A Series Of 24 Consecutive Cases with Surgical Correlation Rashed Al-Khudairi, MBBS, BSc, FRCR - Royal National Orthopaedic Hospital, United Kingdom
2:20 pm	ESSR AWARD PAPER: Evaluation of Response to Neoadjuvant Chemotherapy in Osteosarcoma Using Dynamic Contrast-enhanced MRI: Development and External Validation of a Predictive Model Thomas Van Den Berghe, MD, PhD – Ghent University, Belgium
2:30 pm	BREAK
2:40 pm	ISS EARLY CAREER GRANT RECIPIENT: AI-based Segmentation of Skeletal Muscle for the Systematic Evaluation of Sarcopenia in Risk Groups Hanns-Christian Breit, MD - University Hospital of Basel, Switzerland
2:50 pm	Classification and Differentiation of Myxoid Liposarcoma and Myxoma with Machine Learning Yung Hsin Chen, MD - Massachusetts General Hospital, USA
2:56 pm	What Is the Best Non-Contrast Sequence to Detect Synovitis in RA Patients? Su Wu, MD - Chinese University of Hong Kong, China
3:02 pm	AMS AWARD PAPER: Comparison of Phantom-based and -less QCT Bone Mineral Density Measurements and Osteoporosis Diagnosis Cheng Zitong - Beijing Jishuitan Hospital, China
3:12 pm	Laparoscopic-Assisted Cryoablation of Abdominal Wall Endometriosis: A Novel Technique Peter Thurlow, MD - University of Washington School of Medicine, USA
3:18 pm	Complications of Cervical Nerve Root Injections: Comparing Rates with and Without Perineural Anesthetic Zachary Stewart, MD - Harvard Medical School, USA
3:24 pm	Imaging Characteristics of Antibiotic-Loaded Calcium Sulfate After Its Use in Osteoarticular Infections Andrea Alcalá-Galiano, MD - University Hospital 12 de Octubre, Spain

