ISS 2020 SCIENTIFIC SESSIONS WEDNESDAY, OCTOBER 7, 2020 1:00 PM - 4:30 PM EST

1:00 PM - 2:00 PM EST

BREAKOUT SESSION (Each presentation is 4 minutes) Moderators: Ali Guermazi, MD, Anna Hirschmann, MD

Podium 2	Effects of Interobserver Variability on 2D and 3D CT- and MRI-based Texture Feature Reproducibility of Cartilaginous Bone Tumors Salvatore Gitto, MD (Universita degli Studi di Milano, Italy)
Podium 3	Patterns of Patellofemoral Joint Osteoarthritis Distribution and Their Association with Tibiofemoral Compartments Osteoarthritis Outcomes:
	Longitudinal Study from the Osteoarthritis Initiative (OAI)
	Shadpour Demehri, MD (Johns Hopkins University, USA)
	Q & A (5 Minutes)
Podium 4	Atypical Hemangioma and Metastasis of Spine: Can Diffusion Weighted Magnetic Resonance Imaging Help to Differentiate?
	Khaled Matrawy, MD (Medical Research Institute, Alexander University, Egypt)
Podium 5	Application of Artificial Intelligence for Classification of Benign and Malignant Soft Tissues Masses Seen on Ultrasound
	Benjamin Wang, MD (NYU Langone Medical Center, USA)
Podium 6	Clinical Application of Short-Term Repeat MRI Spine in Management Decisions for Patients Awaiting Spinal Surgery
	Nawaraj Subedi, MBBS, MRCP, FRCR (Lancashire Teaching Hospitals NHS Foundation Trust, United Kingdom)
	Q & A (5 Minutes)
Podium 7	Spontaneous Disc-Related Epidural Haematoma (SDEH)
	Sinan Al-Qassab, MBChB, MRCS, FRCR (Robert Jones & Agnes Hunt Orthopaedic Hospital, United Kingdom)
Podium 8	Anterolateral Ligament Magnetic Resonance Imaging Abnormalities Correlate with Higher Grades of Pivot Shift
	Paulo Helito, MD (Instituto de Ortopedia e Traumatologia - HCFMUSP, Brazil)
Podium 9	Hip Morphology Differs on Post-Reduction MRI Between Hips with and Without Residual Dysplasia at Long-Term: A Pilot Study
	with a Minimum 10 Year Follow-Up
	Florian Schmaranzer, MD (Inselspital Bern, University of Bern, Switzerland)
	Q & A (5 Minutes)

2:00 PM - 3:15 PM EST

SCIENTIFIC SESSION I (Each presentation is 7 minutes) Moderators: Reto Sutter, MD, Hillary Garner, MD

Podium 10	Osteoid Osteoma: Percutaneous Treatment with Cryoablation in Fifty Patients
	Thomas Le Corroller, MD, PhD (Aix Marseille Universite, France)
Podium 11	Does T2 Relaxometry Predict Incident and Worsening of Structural Morphologic Damage in Knees Without Radiographic Osteoarthritis
	3 Years Later?
	Frank Roemer, MD (Boston University, USA)
Podium 12	Is There an Association Between Patellar Maltracking and Proximal or Distal Patellar Tendinosis? A Case-Control Study Using Contemporary
	and More Established Maltracking MRI Parameters
	Jean-Philippe Delorme, MD, FRCPC (University of Ottawa, Canada)
	Q & A (5 Minutes)
Podium 13	Percutaneous Radio-Frequency Ablation of Recurrent Giant Cell Tumours : Initial Experience
	Simranjeet Kaur, MD, MBBS, FRCR (Robert Jones & Agnes Hunt Orthopaedic Hosptial, United Kingdom)
Podium 14	Imaging of Finger Flexor Pulley Injuries at 3T and 7T MRI - An Ex Vivo Feasibility Study
	Rafael Heiss, MD (University Hospital Erlangen, Germany)
Podium 15	Radiopathological Correlation of Focal, Symptomatic Bone Marrow Lesions Waldenström Macroglobulinaemia Characterised By Dense
	Infiltration with Lymphoplasmacytic Lymphoma: A Newly Defined Indication for Systemic Treatment
	Maaz Abbasi, MBBS, FRCR (University College of London Hospital, United Kingdom)
	Q & A (5 Minutes)
Podium 16	Automated Radiology-Arthroscopy Correlation of Knee Meniscal Abnormalities Using Machine Learning Algorithms Generalised
	from Knee MRI to Arthroscopy Reports
	Matthew Li, MD (Massachusetts General Hospital, USA)
Podium 17	Bifascicular Nature of the Flexor Digitorum Profundus and Flexor Pollicis Longus Tendons: Forgotten Anatomical Characteristics
	Rediscovered with Us Imaging
	Franck Lapegue, MD (Clinique Medipole Garonne, France)
	Q & A (5 Minutes)

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3:15 PM - 4:30 PM EST

SCIENTIFIC SESSION II (Each presentation is 7 minutes) Moderators: Alice Ha, MD, Kenneth Lee, MD

Podium 18	Quantitative 3T MRI of Multiple Adipose Tissue in Osteoporosis Patient with Varying Fracture Risk	
	Dimitri Martel, PhD (NYU Langone Health, USA)	
Podium 19	Deep Convolutional Neural Network for Rotator Cuff Muscle Segmentation on MR Images	
	Martin Torriani, MD (Massachusetts General Hospital/Harvard Medical School, USA)	
Podium 20	Ultrasound Guided Corticosteroid Injection for Morton Neuroma Treatment: A Comparison of Patients with Surgical and Nonsurgical	
	Management After Injection	
	Jennifer Pierce, MD (University of Virginia, USA)	
	Q & A (5 Minutes)	
Podium 21	Determination of Skeletal Tumor Extent: Is an Isotropic 3DT1-Weighted Sequence Adequate?	
	Laura Fayad, MD (Johns Hopkins University, USA)	
Podium 22	Diagnostic Outcomes of CT-Guided Percutaneous Core Needle Biopsy of Bone Lesions with Crush Artifact: Is the Risk of Malignancy Higher?	
	Ceylan Colak, MD (Cleveland Clinic Foundation, USA)	
Podium 23	Heating of Hip Arthroplasty Implants During 1.5 and 3T Metal Artifact Reduction Sequence MRI	
	Iman Khodarahmi, MD, PhD (NYU Langone Medical Center, USA)	
	Q & A (5 Minutes)	
Podium 24	Deep Learning Approach to Predict Pain Progression in Knee Osteoarthritis	
	Richard Kijowski, MD (University of Wisconsin Hospital and Clinics, USA)	
Podium 25	The Medial Arch Fat Pad	
	Geoffrey McWilliams, DO (University of California - Davis, USA)	
	Q & A (5 Minutes)	

