# ISS 2022 SCIENTIFIC SESSIONS OCTOBER 24-25, 2022 ALL SESSIONS ARE IN EASTERN TIME

### **MONDAY, OCTOBER 24, 2022**

13:30 - 15:20	Scientific Session I  Moderators: Hillary Garner, MD, USA, Patrick Omoumi, MD, PhD, Switzerland
13:30	THE IMAGING APPEARANCE OF TAPE SUTURE
	Chandana Kurra, MD - University of Florida-Jacksonville
13:40	EVALUATION OF DEEP-LEARNING RECONSTRUCTED HIGH-RESOLUTION 3D CERVICAL SPINE MRI TO IMPROVE FORAMINAL STENOSIS EVALUATION  Darryl Sneag, MD - Hospital for Special Surgery
13:50	EARLY DIFFUSE TENOSYNOVIAL GIANT CELL TUMOR OF THE HIP LEADS TO LOCALIZED
	INFLAMMATORY ARTHROPATHY
	Yaxia Zhang, MD, PhD - Hospital for Special Surgery
14:00	3D HIGH RESOLUTION ISOTROPIC HIP MRI OF ADULT DEVELOPMENTAL DYSPLASIA: EXTENT OF LABRA TEAR CORRELATES WITH WORSENING HYALINE CARTILAGE DAMAGE
14:10	Yaxia Zhang, MD, PhD - Hospital for Special Surgery  KNEE DEEP! UNDERSTANDING FIELD HOCKEY RELATED KNEE INJURIES
	Rola Husain, MD - Vancouver General Hospital -UBC Hospital
14:20	OSTEOLYSIS OF THE ULNAR STYLOID FOLLOWING RADIUS FRACTURE: PREVALENCE AND ASSOCIATED FINDINGS
14:20	Zhongyi Chen, MD - McGill University Health Center  COMPARISON BETWEEN 2D TSE AND 3D SPACE IN THE EVALUATION OF CRANIOCERVICAL LIGAMENTS
14:30	Bo Mi Chung, MD, PhD - Chung-Ang University Hospital
14:40	CLINICAL IMPACT OF WHOLE-BODY MRI IN STAGING AND SURVEILLANCE OF PATIENTS WITH MYXOID LIPOSARCOMA: A 14-YEAR SINGLE-CENTER EXPERIENCE  Samir Paruthikunnan, MD, MBBS, FRCR, M.MED - York and Scarborough Teaching Hospitals NHS Foundation Trust
14:50	SINGLE PLANE 3D ISOTROPIC MR IMAGING OF SHOULDER EXHIBITS SUPERIOR CORRELATIONS TO SURGICAL FINDINGS THAN 2D MULTIPLANAR MR IMAGING  Shamrez Haider, BSA - University of Texas Southwestern Medical Center at Dallas
15:00	LOW-DOSE FERUMOXYTOL INFUSION FOR VASCULAR SUPPRESSION IN MAGNETIC RESONANCE NEUROGRAPHY OF THE BRACHIAL PLEXUS  Darryl Sneag, MD - Hospital for Special Surgery
15:10	CLINICAL VALIDATION OF AI BASED DISTAL RADIUS, ULNAR STYLOID, AND SCAPHOID FRACTURE DETECTION MODEL ON CONVENTIONAL WRIST RADIOGRAPHS Hee-Gone Lee, MD - Anam Hospital, Korea University

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15:30 - 17:20	Scientific Session II  Moderators: James Griffith, MD, MRCP, FRCR, Hong Kong, Anna Hirschmann, MD, Switzerland
15:30	WHOLE BODY MRI IN PEOPLE WITH NF1, NF2 AND SCHWANNOMATOSIS: ARE QUALITATIVE AND QUANTITATIVE IMAGING FEATURES COMPARABLE TO LOCALIZED MRI?
	Patrick Debs, MD - Johns Hopkins University
15:40	COMMERCIALLY AVAILABLE ARTIFICIAL INTELLIGENCE ALGORITHM IMPROVES RADIOLOGISTS'
	PERFORMANCES FOR FRACTURE DETECTION, ON A CHALLENGING DATASET OF WRIST AND HAND
	RADIOGRAPHS, COMPARED TO A CT-BASED GROUND TRUTH
	Thibaut Jacques, MD, MSc - Lille University Hospital, Lille, France
15:50	CLINICAL AND RADIOGRAPHIC PROGRESSION OF OSTEOARTHRITIS IN PATIENTS WITH MENISCUS SURGERY
	Sean Hormozian, BS - Chicago Medical School at Rosalind Franklin University of Medicine and Science
16:00	RADIOGRAPHIC PROGRESSION OF OSTEOARTHRITIS IN PATIENTS WITH INTRAARTICULAR HYALURONIC
	ACID INJECTIONS AND CORTICOSTEROID INJECTIONS
	Azad Darbandi, MS - Chicago Medical School at Rosalind Franklin University of Medicine and Science
16:10	DIABETES-ASSOCIATED THIGH MUSCLE DEGENERATION CAN MEDIATE THE RISK OF SYMPTOM
	WORSENING IN PATIENTS WITH CO-EXISTING DIABETES AND KNEE OSTEOARTHRITIS-RELATED: DATA
	FROM OSTEOARTHRITIS INITIATIVE
	Shadpour Demehri, MD - Johns Hopkins University
16:20	ESSR AWARD PAPER: THE ORIGIN OF LUMBAR SYNOVIAL CYSTS AND THE SPACE OF OKADA: AN
	EXPERIMENTAL CT-ARTHROGRAPHIC STUDY IN HUMAN SPECIMEN
	Gebhard Schmid, MD - St. Augustinus Gruppe, Germany
16:30	AMS AWARD PAPER: THE THERAPEUTIC EFFECT OF GENICULATE NERVES RADIOFREQUENCY ABLATION
	FOR CHRONIC KNEE PAIN
	Nizar Al Nakshabandi MD, FRCPC - King Saud University Hospitals
16:40	SSR AWARD PAPER: SHEAR WAVE SPEED AS A USEFUL BIOMARKER OF TENDON HEALTH: CORRELATION
	WITH CONVENTIONAL US AND CLINICAL SCORES IN A BLINDED RANDOMIZED PLACEBO-CONTROLLED TRIAL FOR TREATMENT OF JUMPER'S KNEE
	Zachary Stewart, MD – Massachusetts General Hospital/Harvard Medical School
16.50	ISS EARLY CAREER GRANT 1: COMPARISON OF 3D AUTOMATED ULTRASOUND TOMOGRAPHY WITH
16:50	STANDARD HANDHELD ULTRASOUND FOR THE VISUALIZATION OF THE HANDS
	Jonas Getzmann, MD - University Hospital Zurich
17:00	ISS EARLY CAREER GRANT 2: RADIOMICS-BASED MACHINE-LEARNING CLASSIFICATION OF
	LIPOMATOUS SOFT-TISSUE TUMORS OF THE EXTREMITIES
	Salvatore Gitto, MD - IRCCS Orthopedic Institute Galeazzi
17:10	ISS EARLY CAREER GRANT 3: 3T UTE AND ZTE MRI: CHARACTERIZATION OF THE PLANTAR FASCIA
	ENTHESIS COMPARED WITH CONVENTIONAL MRI AND A HISTOLOGIC STANDARD
	Karen Cheng, MD - University of California - San Diego

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### **TUESDAY, OCTOBER 25, 2022**

14:00 - 15:00	Breakout Session Program
	Moderators: Connie Chang, MD, USA, Omar Albtoush, MD, Jordan
14:00	THE ROLE OF ENTONOX IN PAEDIATRIC ULTRASOUND GUIDED MUSCULOSKELETAL INTERVENTION
	WITHIN THE RADIOLOGY DEPARTMENT
	Huw Walters, MB BChir - Oxford University Hospitals NHS Trust
14:06	NEUROPATHY SCORE REPORTING AND DATA SYSTEM (NS-RADS): MR IMAGING REPORTING GUIDELINE
	WITH MULTI-INSTITUTIONAL VALIDATION STUDY OF PERIPHERAL NEUROPATHY
	Bayan Mogharrabi - University of Texas Southwestern Medical Center at Dallas
14:12	ASSOCIATION BETWEEN MRI FINDINGS OF KNEE JOINT TRAUMA AND SUBACUTE SYNOVIAL FLUID
	INFLAMMATORY BIOMARKER LEVELS AFTER ACL INJURY
	Richard Kijowski, MD - NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center
14:18	NTRK GENE REARRANGED SOFT TISSUE TUMORS: IMAGING APPEARANCE AND CLINICOPATHOLOGIC
	CORRELATION
	Matthew Spano, MD - Memorial Sloan Kettering
14:24	INCIDENTAL FINDINGS IN WHOLE BODY MRI IN PEOPLE WITH SCHWANNOMATOSIS
	Eumee Cha - Johns Hopkins University
14:30	IATROGENIC "OVERSHOOT" NERVE INJURIES DURING FRACTURE ORIF: IMAGING FEATURES
	Yoshimi Endo, MD - Hospital for Special Surgery
14:36	REVISITING THE DISTAL ANTERIOR FEMORAL METAPHYSEAL DEFECT IN ADOLESCENTS: AN ANATOMIC
	VARIANT OR A SIGN OF PATELLOFEMORAL MALTRACKING?
	Tatiane Cantarelli Rodrigues, MD - Hospital do Coração (HCOR)
14:42	OPTIMIZATION OF DIFFUSION-TENSOR IMAGING OF LUMBAR NERVE ROOTS
	Julie Legrand, MD - Lille Catholic University Hospitals
14:48	WITHDRAWN
14:54	STATIN USE MAY BE ASSOCIATED WITH SMALL DECLINE IN THIGH MUSCLE QUALITY IN MRI
	BIOMARKERS: A PROPENSITY-SCORE MATCHED COHORT STUDY
	Ali Guermazi, MD - Boston University

