

DAY 1

MUSCULOSKELETAL IMAGING AND REFRESHER COURSE

WEDNESDAY, OCTOBER 26, 2022

COMBINED SESSION

8:00am - 8:10am	INTRODUCTION <i>Miriam Bredella, MD</i>	8:50am - 9:10am	AI Uses in Sports Medicine <i>Reto Sutter, MD</i>
8:10am - 10:00am	ARTIFICIAL INTELLIGENCE IN RADIOLOGY AND PATHOLOGY Moderators: <i>Michael Recht, MD and Hillary Garner, MD</i>	9:10am - 9:30am	The Future Role of AI in Pathology <i>Meera Hameed, MD</i>
8:10am - 8:30am	AI Image Acquisition - Need for Speed <i>Michael Recht, MD</i>	9:30am - 9:50am	How to Integrate AI into Daily Clinical Practice <i>Hillary Garner, MD</i>
8:30am - 8:50am	AI for Bone Tumor Diagnosis - Detect What's Invisible to the Human Eye <i>Johan Bloem, MD</i>	9:50am - 10:00am	Q & A

BREAK 10:00AM - 10:30AM

SPORTS MEDICINE IMAGING GRAN SALO GAUDI 3

MUSCULOSKELETAL DISEASE GRAN SALO GAUDI 4

10:30am - 12:00pm	SHOULDER Moderators: <i>Linda Probyn, MD and Filip Vanhoenacker, MD, PhD</i>	10:30am - 12:00pm	BONE TUMORS AND BONE MARROW Moderators: <i>Heike Daldrup-Link, MD and Jose Martel, MD, PhD</i>
10:30am - 10:45am	Help the Orthopedist: Imaging Findings that Predict Success or Failure for RC Repair <i>Bruce Forster, MD, MSc, FRCPC</i>	10:30am - 10:45am	Whole-Body MRI for Bone Lesions: Recent Advances and Challenges <i>Frederic LeCouvret, MD</i>
10:45am - 11:00am	Beyond the Bankart Tear: Other Injuries Seen with Instability <i>Soterios Gyftopoulos, MD</i>	10:45am - 11:00am	Cartilaginous Lesions: What to Evaluate and Recommend <i>Mark Murphey, MD</i>
11:00am - 11:15am	Other than the Rotator Cuff, the Top 3 Things to Mention on Every Shoulder US <i>Nathalie Bureau, MD, MSc</i>	11:00am - 11:15am	Radiologic Assessment: What a Bone Pathologist Finds Most Helpful <i>Julie Fanburg-Smith, MD</i>
11:15am - 11:30am	Point/ Counterpoint: Why the Shoulder Labral Variants are Not Normal <i>Russell C. Fritz, MD, FACR</i>	11:15am - 11:30am	MR Fat Detection (MR Liposuction) in Bone Tumors: Tools of the Trade <i>Sinchun Hwang, MD</i>
11:30am - 11:45am	Point/ Counterpoint: Why the Shoulder Labral Variants Should be Considered Normal <i>Jenny Bencardino, MD</i>	11:30am - 11:45am	Bone Tumor Biopsy: How to Stay Out of Troubled Waters <i>Daniel Rosenthal, MD</i>
11:45am - 11:55am	Post-op Rotator Cuff <i>Maria Jose Ereno Ealo, MD, PhD</i>	11:45am - 12:00pm	Bone Neoplasm Mimickers <i>Amanda Isaac, MD</i>
11:55am - 12:00pm	Q & A	12:00pm - 1:30pm	LUNCH ON OWN
12:00pm - 1:30pm	LUNCH ON OWN	1:30pm - 3:00pm	SOFT TISSUE TUMORS Moderators: <i>Jeffrey Peterson, MD, Matias de Albert, MD and Omar Albtoush, MD</i>
1:30pm - 3:00pm	ELBOW Moderators: <i>Robert Campbell, MD and Lynne Steinbach, MD</i>	1:30pm - 1:45pm	Differentiating Soft Tissue Recurrence from Treatment Effect: How I Do It <i>Shivani Ahlawat, MD</i>
1:30pm - 1:50pm	Imaging of Elbow Tendons and Ligaments: How to Report? <i>Lynne Steinbach, MD</i>	1:45pm - 2:00pm	Radiologic Assessment: What an Orthopedic Oncologist Finds Most Helpful <i>Carol Morris, MD, MS</i>
1:50pm - 2:05pm	Ultrasound of Elbow Ligaments and Distal Biceps Tendon <i>Catherine McCarthy, MBChB</i>	2:00pm - 2:15pm	Synovially Based Neoplasms <i>Hillary Garner, MD</i>
2:05pm - 2:20pm	Elbow Variants and Asymptomatic Findings - Don't Get Fooled <i>Kathryn Stevens, MD, BS (hons)</i>	2:15pm - 2:30pm	When Should I Not Call it a "Cyst"? <i>Paul O'Donnell, MBBS, FRCP, FRCR</i>
2:20pm - 2:35pm	Symptomatic Minor Instability of the Lateral Elbow (SMILE) <i>P. Diana Afonso, MD</i>	2:30pm - 2:45pm	Hematoma versus Hemorrhagic Neoplasm: Pearls and Pitfalls <i>Mark Kransdorf, MD</i>
2:35pm - 2:50pm	Don't Miss It - Difficult Areas in Elbow Imaging <i>Andrew Sonin, MD, FACR</i>	2:45pm - 3:00pm	Differentiating Edema from Neoplasm: Imaging Clues <i>Kambiz Motamedi, MD</i>
2:50pm - 3:00pm	Q & A	3:30pm - 5:00pm	INTERVENTIONAL TECHNIQUES Moderators: <i>Alberto Bazzocchi, MD, PhD and Radhesh Lalam, MBBS, MRCS, FRCR</i>
3:00pm - 3:30pm	BREAK	3:30pm - 3:50pm	MR-guided Focused Ultrasound: Ablation of Bone and Soft Tissue Tumors <i>Matthew Bucknor, MD</i>
3:30pm - 5:00pm	WRIST AND HAND Moderators: <i>Leon Toye, MD and Mihra Taljanovic, MD</i>	3:50pm - 4:10pm	Cryoablation: Applications in the Musculoskeletal System <i>Peter Munk, MDCM, FRCPC, FSIR</i>
3:30pm - 3:45pm	Carpal Ligament Instability Update <i>Thomas Moser, MD, MSc</i>	4:10pm - 4:30pm	Image Guided Tendon Therapy <i>Gregory Cowderoy, MD</i>
3:45pm - 4:00pm	TFC Complex Injuries Update <i>Luis Cerezal, MD, PhD</i>	4:30pm - 4:45pm	Treatment of Calcific Tendinopathy <i>Luca Sconfienza, MD, PhD</i>
4:00pm - 4:15pm	Overuse Injuries of the Wrist <i>Eva Llopis, MD</i>	4:45pm - 5:00pm	Percutaneous Ultrasound Guided Carpal Tunnel Release <i>David Petrover, MD</i>
4:15pm - 4:35pm	Pulley, Flexor, and Extensor Tendon Injuries of the Hand <i>Carlo Martinoli, MD</i>		
4:35pm - 4:50pm	Hand and Wrist Dynamic Ultrasound <i>Marta Oñate Miranda, MD</i>		
4:50pm - 5:00pm	Q & A		

WELCOME RECEPTION
GRAN SALO GAUDI FOYER
6:30PM - 8:30PM

DAY 2

MUSCULOSKELETAL IMAGING AND REFRESHER COURSE

THURSDAY, OCTOBER 27, 2022

SPORTS MEDICINE IMAGING GRAN SALO GAUDI 3

MUSCULOSKELETAL DISEASE GRAN SALO GAUDI 4

8:00am - 10:00am	THE TECH SAVVY RADIOLOGIST - SURVIVING IN A HYBRID WORLD Moderators: <i>Mini N. Pathria, MD and Michael Tuite, MD</i>
8:00am - 8:15am	The Hybrid Workforce: Adaptations During the Pandemic <i>Michael Tuite, MD</i>
8:15am - 8:30am	The Virtual Reading Room <i>Miriam Bredella, MD</i>
8:30am - 8:45am	Teaching from a Distance: Impact on Radiology Education <i>Jim Wu, MD</i>
8:45am - 9:00am	The Continuing Education Disruption - What's Next? <i>Sue O'Sullivan</i>
9:00am - 9:10am	Connecting Better with Clinicians: Value of Structured Reporting <i>Naveen Subhas, MD</i>
9:10am - 9:20am	Connecting Better with Patients: Virtual Consultation <i>Michael Recht, MD</i>
9:20am - 9:30am	Useful Phone Apps and Websites for Clinical Radiologist <i>Kenneth Buckwalter, MD, MS, MBA</i>
9:30am - 9:40am	Connecting via Social Media: Focus on Twitter <i>Hugue Ouellette, MD</i>
9:40am - 9:50am	Joining and Using OCAD <i>Hilary Umans, MD</i>
9:50am - 10:00am	Q & A
10:00am - 10:30am	BREAK
10:30am - 12:00pm	IMAGING LOWER LIMB MUSCLE INJURY Moderators: <i>Anagha Parkar, MD, PhD and Violeta Vasilevska Nikodinovska, MD, PhD, MSc</i>
10:30am - 10:45am	The Anatomy and Injury Patterns of Rectus Femoris <i>Philip O'Connor, MD</i>
10:45am - 11:00am	The Anatomy and Injury Patterns of the Distal Quadriceps <i>Hilary Umans, MD</i>
11:00am - 11:15am	The Anatomy and Injury Patterns of Semimembranosus <i>Ara Kassarian, MD</i>
11:15am - 11:30am	The Anatomy and Injury Patterns of Biceps Femoris and Semitendinosus <i>Georgina Allen, FRCR MScSEM</i>
11:30am - 11:45am	The Anatomy and Injury of Soleus, Gastrocnemius and Plantaris Injury <i>George Koulouris, MD, MBBS, MMed, FRANZCR</i>
11:45am - 12:00pm	MR Grading of Muscle Injury, Does Tendon Involvement Make a Difference? <i>James Linklater, MBBS</i>
12:00pm - 1:30pm	LUNCH ON OWN
1:30pm - 3:00pm	UPPER LIMB AND CORE MUSCLE INJURIES Moderators: <i>Jonathan Baker, MD and Graeme Thompson, MD</i>
1:30pm - 1:50pm	Chest Wall and Upper Abdominal Injuries in Sports <i>Emma Rowbotham, BSc, MB, Bchir, FRCR</i>
1:50pm - 2:05pm	Pectoralis Major, Anatomy and Imaging Injury <i>Philip Robinson, FRCR</i>
2:05pm - 2:20pm	Biceps Brachii Muscle and Distal Tendon Anatomy and Injury <i>Robert Campbell, MD</i>
2:20pm - 2:35pm	Controversies in Imaging Core Injuries of the Perisymphseal Soft Tissues <i>Adam Zoga, MD</i>
2:35pm - 2:50pm	Does Quantitative Imaging of Muscle Injury Have Anything to Offer? <i>Leon Lenchik, MD</i>
2:50pm - 3:00pm	Q & A
3:00pm - 3:30pm	BREAK

8:00am - 10:00am	LOW BACK PAIN Moderators: <i>Anagha Parkar, MD, PhD and J. Derek Stensby, MD</i>
8:00am - 8:15am	How Important is the Alignment in the Degenerative Spine: The Surgeon's Point of View <i>Ferran Pellise, MD</i>
8:15am - 8:30am	MRI in Low Back Pain: Controversies <i>Daniel Rosenthal, MD</i>
8:30am - 8:45am	Intervertebral Disc Disease: Imaging Correlation with Clinical Symptoms <i>Daniel M. Walz, MD</i>
8:45am - 9:00am	Imaging of Facet Joint Disorders <i>Violeta Vasilevska Nikodinovska, MD, PhD, MSc</i>
9:00am - 9:15am	Paravertbral Space: What the Radiologist Needs to Know <i>Anagha Parkar, MD, PhD</i>
9:15am - 9:30am	Sacroiliac Joint: Anatomy and Disorders <i>Frank Roemer, MD</i>
9:30am - 9:45am	Coccydynia: What is the Radiologist's Role <i>Alain Blum, MD, PhD</i>
9:45am - 10:00am	Q & A
10:00am - 10:30am	BREAK
10:30am - 12:00pm	ARTHRITIS Moderators: <i>Michel Crema, MD and Robert Lambert, MB, FRCPC</i>
10:30am - 10:50am	Diagnosing Arthritis: Tips and Tricks <i>Donald Resnick, MD</i>
10:50am - 11:05am	Advanced Imaging of Spondyloarthropathies: What's New? <i>Kay-Geert Hermann, MD</i>
11:05am - 11:20am	Early Diagnosis of Rheumatoid Arthritis - What's Normal - What's Not? <i>Jaime Isern-Kebschull, MD, PhD</i>
11:20am - 11:35am	CRMO and Autoimmune Disorders <i>Thomas Link, MD, PhD</i>
11:35am - 11:50am	Metabolic Arthropathies - When it's Not RA <i>Suzanne Anderson, MD, PhD</i>
11:50am - 12:00pm	Q & A
12:00pm - 1:30pm	LUNCH ON OWN
1:30pm - 3:00pm	METABOLIC/INFECTION Moderators: <i>Leon Lenchik, MD and Johnny Monu, MB, BS, MS</i>
1:30pm - 1:45pm	MSK Disorders Due to COVID <i>Nogah Shabshin, MD, MBA, BSc</i>
1:45pm - 2:00pm	Body Composition: Key Points for the General MSK Radiologist <i>Miriam Bredella, MD</i>
2:00pm - 2:15pm	Dual Energy CT: Detection of Crystals and Oedema <i>Andrea Klauser, MD</i>
2:15pm - 2:30pm	Tuberculosis of Bone and Joints: The Great Mimic <i>Mahesh Prakash, MD</i>
2:30pm - 2:45pm	Tropical MSK Infections (Other than TB) <i>Aline Serfaty, MD</i>
2:45pm - 3:00pm	Charcot's Foot: The Diagnostic Chameleon <i>Andrea Roszkopf, MD</i>
3:00pm - 3:30pm	BREAK

COMBINED SESSION
FILM QUIZ PANEL 3:30PM - 5:00PM
QUIZMASTER: MARK MURPHEY, MD

SPORTS MEDICINE IMAGING GRAN SALO GAUDI 3

MUSCULOSKELETAL DISEASE GRAN SALO GAUDI 4

8:00am - 10:00am	FROM HEAD TO TOE, SMALL TALKS ON SMALL JOINTS (SAM) Moderators: <i>Andrew Grainger, BM, BS, MRCP, FRCR</i> <i>Tudor Hughes, MBBS, MD</i>
8:00am - 8:15am	The Temporomandibular Joint <i>Christine Chung, MD</i>
8:15am - 8:30am	The Sternoclavicular Joint <i>Andrew Grainger, BM, BS, MRCP, FRCR</i>
8:30am - 8:45am	The Acromioclavicular Joint <i>Mark Anderson, MD</i>
8:45am - 9:00am	The Thumb Carpometacarpal and Metacarpal Phlangeal Joints <i>David Rubin, MD</i>
9:00am - 9:15am	The Small Joints of the Fingers: MCPs and IPJs <i>Connie Chang, MD</i>
9:15am - 9:30am	The Proximal Tibiofibular Joint <i>Josef Kramer, MD</i>
9:30am - 9:45am	Joints of the Midfoot <i>Wolfgang Fischer, MD</i>
9:45am - 10:00am	The Metatarsophalangeal Joints <i>Kathryn Stevens, MD, BS (hons)</i>
10:00am - 10:30am	BREAK
10:30am - 12:00pm	PELVIS AND HIP Moderators: <i>Khaled Matrawy, MD and Eva Llopis, MD</i>
10:30am - 10:45am	Hip Anatomy <i>Maribel Miguel-Pérez, MD, PhD</i>
10:45am - 11:00am	2022 Perspective on FAI <i>Vasco Mascarenhas, MD, MBA, PhD</i>
11:00am - 11:15am	Hip Microinstability New Concepts <i>Diogo Roriz, MD</i>
11:15am - 11:30am	Postarthroscopy Imaging <i>Fernando Idoate, MD, PhD</i>
11:30am - 11:45am	Extraarticular Impingement Syndrome <i>Mohammad Samim, MD</i>
11:45am - 12:00pm	Gluteal Tendons - Anatomy and Pathology <i>Christian Pfirrmann, MD, MBA</i>
12:00pm - 1:30pm	LUNCH ON OWN
1:30pm - 3:00pm	KNEE Moderators: <i>Nogah Shabshin, MD, MBA, BSc</i> <i>and Steven Wong, MBChB, MMed</i>
1:30pm - 1:45pm	Post-op ACL: Historical Background, Latest Trends and How I Report on It <i>Andrea Alcalá-Galiano, MD</i>
1:45pm - 2:00pm	Post-op PCL: Historical Background, Latest Trends and How I Report on It <i>Lawrence White, MD</i>
2:00pm - 2:15pm	Post-op MPFL: Historical background, Latest trends and How I Report on It <i>Graeme Thompson, MD</i>
2:15pm - 2:30pm	Post-op Meniscus: From Meniscectomy to Transplant <i>Matias de Albert, MD</i>
2:30pm - 2:45pm	Post-op Prosthesis: Historical Background, Latest Trends and How I Report on It <i>Oscar Casado-Verdugo, MD</i>
2:45pm - 3:00pm	Q & A
3:00pm - 3:30pm	BREAK
3:30pm - 5:00pm	ANKLE AND FOOT Moderators: <i>Wilfred Peh, MD and Thomas Magee, MD</i>
3:30pm - 3:45pm	Ankle Instability <i>Miquel Dalmau-Pastor, PhD</i>
3:45pm - 4:00pm	High Sprain Ankle <i>Alexeys Perez, MD</i>
4:00pm - 4:15pm	Midfoot Sprain <i>Michel Crema, MD</i>
4:15pm - 4:30pm	Osteochondral Injuries <i>James Griffith, MD, MRCP, FRCR</i>
4:30pm - 4:45pm	Retinacular Injuries Associated to Ankle Sprain <i>Anne Cotten, MD</i>
4:45pm - 5:00pm	Peroneal Tendons <i>Jon Jacobson, MD</i>

8:00am - 10:00am	DIFFUSION WEIGHTED IMAGING IN MSK Moderators: <i>Heike E. Daldrop-Link, MD, PhD</i> <i>and Laura Fayad, MD</i>
8:00am - 8:20am	Diffusion Weighted Imaging of Musculoskeletal Tumors <i>Laura Fayad, MD</i>
8:20am - 8:40am	Whole Body Diffusion Weighted Imaging <i>Joan C (Kai) Vilanova, MD, PhD</i>
8:40am - 9:00am	Diffusion Weighted Imaging and Diffusion Tensor Imaging in Pediatrics <i>Maria Pilar Aparisi Gomez, MBChB</i>
9:00am - 9:20am	DTI of Peripheral Nerves <i>Avneesh Chhabra, MD</i>
9:20am - 9:40am	Diffusion Weighted Imaging and Diffusion Tensor Imaging of Muscular Abnormalities <i>Julio Brandao Guimaraes, MD</i>
9:40am - 10:00am	Diffusion Weighted Imaging of Musculoskeletal Infection <i>Erin Alaia, MD</i>
10:00am - 10:30am	BREAK
10:30am - 12:00pm	ORTHOPEDIC IMPLANTS Moderators: <i>Joseph Craig, MD and Daniel M. Walz, MD</i>
10:30am - 10:45am	Metal Artifact Reduction in CT <i>Kenneth Buckwalter, MD, MS, MBA</i>
10:45am - 11:00am	CT-scan of Hip Implants <i>Alain Blum, MD, PhD</i>
11:00am - 11:15am	Metal Artifact Reduction in MRI <i>Reto Sutter, MD</i>
11:15am - 11:30am	Evolving Role of MRI in Diagnosing Periprosthetic Joint Infection <i>Jan Fritz, MD</i>
11:30am - 11:45am	Synovial Appearances of Complications After Joint Replacement <i>Monique Reijnierse, MD, PhD</i>
11:45am - 12:00pm	US of Joint Replacements: Added Value <i>Theodore Miller, MD</i>
12:00pm - 1:30pm	LUNCH ON OWN
1:30pm - 3:00pm	PERIPHERAL NERVES Moderators: <i>Tudor Hughes, MBBS, MD and Avneesh Chhabra, MD</i>
1:30pm - 1:45pm	MR Neurography - Which Sequence Protocol and Field Strength is Best? <i>Gustav Andreisek, MD, MBA</i>
1:45pm - 2:00pm	MRI and US of the Brachial Plexus - How I Do It and What Should I Look At? <i>Carlo Martinoli, MD</i>
2:00pm - 2:15pm	MR Neurography and Ultrasound Neurography - Partners or Opponents? <i>Nicholas Nacey, MD</i>
2:15pm - 2:30pm	Nerve Lesions Every MSK Radiologist Should Know <i>Kenneth Lee, MD</i>
2:30pm - 2:45pm	MR Imaging Patterns of Muscle Denervation <i>Marc-Andre Weber, MD, MSc</i>
2:45pm - 3:00pm	Q & A
3:00pm - 3:30pm	BREAK
3:30pm - 5:00pm	HOW I DO IT – (SC)ROLL WITH THE EXPERTS: CASE-BASED LEARNING (SAM) Moderators: <i>Jan Fritz, MD and Theodore Miller, MD</i>
3:30pm - 3:45pm	MRI Interpretation of the Foot in Arthritis <i>Monique Reijnierse, MD, PhD</i>
3:45pm - 4:00pm	MRI Interpretation of Distal Biceps Injury <i>Christine Chung, MD</i>
4:00pm - 4:15pm	MRI Interpretation of ECU Tendon Instability <i>William Palmer, MD</i>
4:15pm - 4:30pm	MRI Interpretation of Meniscus Ramp Lesions <i>Richard Kijowski, MD</i>
4:30pm - 4:45pm	MRI Interpretation of Hamstring Origin Tears <i>Donna Blankenbaker, MD</i>
4:45pm - 5:00pm	Q & A