

ePoster Complete Listing

**As these sessions are not moderated, ePosters are not CME accredited*

EMERGING TECHNOLOGIES

- Poster #1** **WHOLE BODY (WB)-MRI WITH 3D VOLUMETRIC SEQUENCES AND ISOTROPIC RESOLUTION: A METHOD FOR FAST AND HIGH RESOLUTION WHOLE BODY IMAGING**
Shivani Ahlawat, MD; Jaishri Blakeley; Mike Jacobs, PhD; Laura Fayad, MD, MS
Johns Hopkins University, Baltimore, MD, USA
- Poster #2** **Some New Angles on the Magic Angle: What MSK Radiologists Know and Don't Know**
Michael Richardson, MD¹; Behrang Amini, MD, PhD²; Todd Richards, PhD¹
¹University of Washington / Harborview Medical Center, Seattle, WA, USA; ²The University of Texas M.D. Anderson Cancer Center, Houston, TX, USA
- Poster #3** **QUANTITATIVE ASSESSMENT OF CHANGE IN UPPER EXTREMITY MUSCLE STIFFNESS FOLLOWING FLUID INJECTION USING SHEAR WAVE ELASTOGRAPHY**
O. Nwawka, MD; Shivi Duggal, MD; Bin Lin, MS; Nicholas Gutierrez, MD; Theodore Miller, MD
Hospital for Special Surgery, New York, NY, USA
- Poster #4** **3D PRINTING MAKES AN IMPOSSIBLE CASE POSSIBLE**
Carissa White, MD; Marc-Anthony Lecky; David Nelson; Mauricio Silva, MD; Anthony Scaduto, MD
David Geffen School of Medicine at UCLA, Los Angeles, CA, USA
- Poster #5** **CLINICALLY RELEVANT RADIOLOGICAL INSIGHTS PROVIDED BY EN FACE MICROSCOPIC VISUALIZATION OF EROSIONS COMPLICATING ARTHRITIS, GRANULOMATOUS DISEASE, NEOPLASIA AND VASCULAR DISEASE**
Bruce Rothschild, MD
West Virginia University School of Medicine, Morgantown, WV, USA

UPPER EXTREMITY

- Poster #7** **Superior Capsular Reconstruction for Irreparable Rotator Cuff Tears: Imaging Features and Complications**
Pamela Walsh, MD; Mohammad Samim, MD; Luis Beltran, MD
NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY, USA
- Poster #8** **GENDER DIFFERENCES IN GLENOID REMODELING IN GLENOHUMERAL DEGENERATIVE JOINT DISEASE**
Christopher Peters, MD; Anna Zajicek, MD; Christopher Peters, MD; Kent Rinehart, MD; Matthew Teusink, MD
University of Nebraska Medical Center, Omaha, NE, USA
- Poster #9** **Os Subscapulare: imaging findings and clinical relevance**
Alex Bergman, MD¹; Hilary Umans, MD²; Jonathan Ticker, MD³
¹Jacobi Medical Center, Bronx, NY, USA; ²Lenox Hill Radiology and Imaging Associates, New York, NY, USA; ³Orlin and Cohen Orthopedic Associates, Merrick, NY, USA
- Poster #10** **“Reducing” Radiologists’ Anxiety about Carpal Instability**
Jonelle Petscavage-Thomas, MD, MPH; Eric Walker, MD; Weaver Kesler, MD
Penn State Milton S. Hershey Medical Center, Hershey, PA, USA

Poster #11 **FOOSH Injuries of the Elbow with an Emphasis on Posterolateral Elbow Instability: A Multimodality Pictorial Review.**

Christopher Nall, MD; Robert Colvin, DO; Shashin Doshi, MD
Beaumont Health System, Royal Oak, MI, USA

Poster #12 **RADIOLOGIC EVALUATION OF ABNORMALITIES OF THE STERNUM AND STERNOCLAVICULAR JOINTS**

Sailaja Yadavalli, MD, PhD; Jason Esterle, MD; Christopher Nall, MD
Beaumont Health System, Royal Oak, MI, USA

INTERVENTION/POSTOPERATIVE

Poster #13 **CT GUIDED CORE NEEDLE BONE BIOPSY IN THE WORKUP OF OSTEOMYELITIS: DIAGNOSTIC YIELD AND EFFECT ON PATIENT CARE.**

Donald von Borstel, DO; Cameron Smith, DO; Gregory Bradley, DO; Sindhura Alapati, MD
Oklahoma State University Medical Center, Tulsa, OK, USA

Poster #14 **THE POSTOPERATIVE MRI: IS IT TUMOR RECURRENCE OR NODULAR SCAR?**

Lana Gimber, MD, MPH¹; Samuel Oats, MD¹; Lea MacKinnon, MD¹; Mihra Taljanovic, MD, PhD¹;
James Warneke, MD¹; Matthew Seidel, MD, MS¹; Laura Fayad, MD²
¹University of Arizona HCS - Tucson, Tucson, AZ, USA; ²Johns Hopkins University, Baltimore, MD, USA

Poster #15 **CURRENT TRENDS IN MODALITY SELECTION FOR IMAGE-GUIDED MUSCULOSKELETAL PROCEDURES:FACTORS THAT INFLUENCE ULTRASOUND VERUS NON-ULTRASOUND UTILIZATION**

Judah Goldschmiedt, MD; Danielle Williams, MD; Chaitanya Shilagani, DO
Westchester Medical Center, Valhalla, NY, USA

Poster #16 **UTILITY OF CORE NEEDLE BIOPSY TO DIFFERENTIATE ANEURYSMAL BONE CYST FROM TELANGIECTATIC OSTEOSARCOMA**

Benjamin Levine, MD; Vishal Hedge, MD; Kambiz Motamedi, MD; Leanne Seeger, MD; Scott Nelson, MD; Nicholas Bernthal, MD
University of California, Los Angeles, Los Angeles, CA, USA

Poster #17 **DIAGNOSTIC YIELD OF ULTRASOUND GUIDED AND CT GUIDED SOFT TISSUE LESION BIOPSIES**

Kambiz Motamedi, MD; Kim Lee, MD; Benjamin Levine, MD; Leanne Seeger, MD
David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

Poster #18 **ULTRASOUND-GUIDED ASPIRATION OF INTRAMUSCULAR HEMATOMAS: EFFICACY AND RELATIONSHIP TO SONOGRAPHIC APPEARANCE**

Edward Yoon, MD; Theodore Miller, MD; Susan Lee, MD
Hospital for Special Surgery, New York, NY, USA

Poster #19 **COMPARISON BETWEEN IMAGE-GUIDED AND LANDMARK-BASED GLENOHUMERAL JOINT INJECTIONS FOR THE TREATMENT OF ADHESIVE CAPSULITIS: A COST-EFFECTIVENESS STUDY**

Soterios Gyftopoulos, MD, MS¹; Valentino Abballe, MD¹; Mandeep Virk, MD¹; James Koo, PhD¹;
Heather Gold, PhD¹; Naveen Subhas, MPH, MD²
¹NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY, USA;
²Cleveland Clinic, Cleveland, OH, USA

Poster #20 **CLINICAL AND PATIENT-REPORTED OUTCOMES AFTER IMAGE-GUIDED INTRA-ARTICULAR THERAPEUTIC HIP INJECTIONS: A RETROSPECTIVE STUDY**

William Walter, MD¹; Craig Bearison, BS²; James Slover, MD, MS¹; Heather Gold, PhD¹; Soterios Gyftopoulos, MD, MSc¹
¹NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY, USA;
²New York University School of Medicine, New York, NY, USA

- Poster #21** **EFFICACY OF INTRA-ARTICULAR HIP STEROID INJECTION AND SUBSEQUENT SURGERY**
Benjamin Levine, MD; Wilson Lai; Kambiz Motamedi, MD; Leanne Seeger, MD; Sharon Hame, MD
University of California, Los Angeles, Los Angeles, CA, USA
- Poster #22** **VALUE OF PRE-OPERATIVE FLUOROSCOPIC-GUIDED SUBTALAR ARTHROGRAPHY**
Richard Walker, MD, FRCPC; Rachael Da Cunha, MD, FRCSC; Jason Boubalos, MD; Tara Heric, RN;
Jeremy Lamothe, MD, PhD, FRCSC; Ian Le, MD, FRCSC
University of Calgary, Calgary, AB, Canada
- HIP/PELVIS**
- Poster #23** **MRI OF THE LUMBOSACRAL PLEXUS: WHAT THE PRACTICING RADIOLOGIST NEEDS TO KNOW**
Hailey Allen, MD; Megan Mills, MD; Miriam Peckham, MD; Lubdha Shah, MD; Kent Sanders, MD;
Sarah Stilwill, MD
University of Utah Medical Center / SOM, Salt Lake City, UT, USA
- Poster #25** **MUSCLE BULK DIFFERENCES IN FAI AND HIP INSTABILITY VERSUS CONTROLS**
Avneesh Chhabra, MD
University of Texas Southwestern Medical Center at Dallas, Flowermound, TX, USA
- Poster #26** **A COMPREHENSIVE REVIEW OF PROXIMAL FEMORAL FRACTURES AND THEIR COMPLICATIONS**
Kimia Kani, MD¹; Hyojeong Mulcahy, MD²; Jack Porrino, MD²; Felix Chew, MD²
¹University of Maryland School of Medicine, Baltimore, MD, USA; ²University of Washington /
Harborview Medical Center, Seattle, WA, USA
- TRAUMA/MISCELLANEOUS**
- Poster #27** **ULTRASOUND FOR THE EVALUATION OF RADIAL NERVE PATHOLOGY: CORRELATION TO MRI FINDINGS**
Edward Yoon, MD; O. Nwawka, MD
Hospital for Special Surgery, New York, NY, USA
- Poster #28** **UTILITY OF MRI IN EVALUATING FOR OSTEOMYELITIS IN PATIENTS WITH CELLULITIS**
Devon Klein, MD¹; Brian Lee, MD²; Hariklia Bezhani, DPM¹; Guillaume Stoffels, MS, MA¹
¹Lenox Hill Hospital, Northwell Health, New York, NY, USA; ²Beth Israel Deaconess Medical Center
Harvard Med School, Boston, MA, USA
- Poster #29** **MUSCLE EDEMA - RECOGNIZING PATTERNS AND ASSOCIATED CAUSES**
Sailaja Yadavalli, MD, PhD; Michael Hierl, MD; David Marcantonio, MD
Beaumont Health System, Royal Oak, MI, USA
- Poster #30** **CALCIUM HYDROXYAPATITE DEPOSITION DISEASE: A MULTI-MODALITY REVIEW FOR THE PRACTICING RADIOLOGIST AND RADIOLOGIST IN TRAINING, WITH EMPHASIS ON CLINICAL PRESENTATION, PATHOGENESIS AND IMAGING APPEARANCE.**
Jason Esterle, MD; David Marcantonio, MD; Christopher Nall, MD
Beaumont Health System, Royal Oak, MI, USA
- Poster #31** **REVIEW AND UPDATE ON IMAGING OF CHEST WALL INJURIES**
Kimia Kani, MD¹; Hyojeong Mulcahy, MD²; Jack Porrino, MD²; Felix Chew, MD²
¹University of Maryland School of Medicine, Baltimore, MD, USA; ²University of Washington /
Harborview Medical Center, Seattle, WA, USA
- Poster #32** **EVALUATION OF GADOLINIUM DEPOSITION IN THE BRAIN FOLLOWING MAGNETIC RESONANCE ARTHROGRAM**
Lauren Ladd, MD; Krish Singhal, MD; Mark Frank, MD, MBA; Stephen Kralik, MD
Indiana University, Indianapolis, IN, USA

- Poster #33** **MRI INTERPRETATION RATHER THAN TISSUE DIAGNOSIS DETERMINES ACUTE OSTEOMYELITIS MANAGEMENT: ONE INSTITUTION'S EXPERIENCE**
Josephina Vossen, MD, PhD; Peter Haar, MD, MS; Curtis Hayes, MD; Michael Perone, MD; Kevin Hoover, MD, PhD
Virginia Commonwealth University Medical Center, Richmond, VA, USA
- Poster #34** **PERIOSTEAL THICKENING AS THE ONLY VISUALIZED SIGN OF OSTEONECROSIS ON RADIOGRAPHS.**
Josephina Vossen, MD, PhD; Candice Kim, BS; Peter Haar, MD, PhD; Curtis Hayes, MD; Kevin Hoover, MD, PhD
Virginia Commonwealth University Medical Center, Richmond, VA, USA
- Poster #35** **THE INCIDENCE, ONSET AND DISTRIBUTUION OF CRYSTAL DEPOSITION WITHIN THE CERVICAL SPINE**
Eric Walker, MD¹; Dylan Simmons, DO²; Joshua Tice, MD³; Jonelle Petscavage-Thomas, MPH, MD¹
¹Penn State Milton S. Hershey Medical Center, Hershey, PA, USA; ²Emory University Dept. of Radiology, MSK Division, Atlanta, GA, USA; ³West Reading Radiology Associates, West Reading, PA, USA
- Poster #36** **DAY OF WEEK, SITE OF SERVICE, AND PATIENT COMPLEXITY DISPARITIES IN MUSCULOSKELETAL MRI INTERPRETATIONS BY RADIOLOGISTS VS. NON-RADIOLOGISTS**
Paige Sharp, MD¹; Richard Duszak, Jr., MD¹; Wenyi Wang, MA²; Danny Hughes, PhD²; Neil Lall, MD³; Paul Harkey, MD¹
¹Emory University Dept. of Radiology, Atlanta, GA, USA; ²Harvey L. Neiman Health Policy Institute, Reston, VA, USA; ³Ochsner Health System, New Orleans, LA, USA
- Poster #37** **Imaging Features of Calciphylaxis**
Ryan Franke, MD; Mark Kransdorf, MD; Michael Fox, MD; F. Chivers, MD; Jonathan Flug, MD
Mayo Clinic, Phoenix, AZ, USA

TUMOR

- Poster #38** **EARLY DETECTION OF METASTASES USING WHOLE-BODY MRI FOR INITIAL STAGING AND ROUTINE FOLLOW-UP OF MYXOID LIPOSARCOMA**
Thomas Powell, MB,BCh., BAO, FFR(RSCI); Natalia Gorelik, MD; Santhosh Reddy, MBBS, MRCP, FRCR; Robert Turcotte, MD, FCRSC; Krista Goulding, MD, MPH, FRCSC; Sungmi Jung, MD, FRCPC; Thierry Alcindor, MD, MSc
McGill University, Montreal, QC, Canada
- Poster #39** **Round Cell Component of Myxoid Liposarcoma: Can We Identify these Concerning Areas on Imaging?**
Lien Senchak, MD¹; Mark Murphey, MD²; Michael Shvarts, MD²; James Jelinek, MD³; Mark Kransdorf, MD⁴
¹Walter Reed National Military Medical Center, Bethesda, MD, USA; ²American Institute for Radiologic Pathology, Silver Spring, MD, USA; ³Medstar Washington Hospital Center, Washington, DC, USA; ⁴Mayo Clinic, Phoenix, AZ, USA
- Poster #40** **IMAGING APPEARANCE OF WELL DIFFERENTIATED LIPOSARCOMAS WITH MYXOID STROMA**
Yoav Morag, MD; Corrie Yablon, MD; Jon Jacobson, MD; Monica Brigido, MD; David Lucas, MD
University of Michigan Medical Center, Ann Arbor, MI, USA
- Poster #41** **TUMOR INDUCED OSTEOMALACIA, A REVIEW OF 5 CASES**
LEE KATZ, MD; Kirsten Cooper, MD
Yale University School of Medicine, New Haven, CT, USA

Poster #42 **DISTRIBUTION OF FEMORAL SHAFT METASTASES; IMPLICATIONS FOR PET/CT SCANNING**
Michael Mulligan, MD
University of Maryland School of Medicine, Baltimore, MD, USA

LOWER EXTREMITY

Poster #43 **COMPARISON OF DIAGNOSTIC ULTRASOUND AND MRI IN THE EVALUATION OF THE PERONEAL TENDON INJURIES IN CORRELATION WITH OPERATIVE FINDINGS**
Mihra Taljanovic, MD, PhD; Lana Gimber, MD, MPH; Aamir Ahmad, MS; Tyson Chadaz, MD; L Latt, MD, PhD
University of Arizona HCS - Tucson, Tucson, AZ, USA

Poster #44 **Assessing Obesity by Correlating BMI to Subcutaneous Fat Measurement on Axial Knee MRIs**
Felix Gonzalez, MD¹; Ricardo Hernandez, BS²; Yara Younan, MD¹; Adam Singer, MD¹; Gulshan Sharma, PhD, MPH³; Michael Mulligan, MD⁴; Monica Umpierrez, MD¹
¹Emory University Dept. of Radiology, MSK Division, Atlanta, GA, USA; ²Philadelphia College of Osteopathic Medicine, Suwanee, GA, USA; ³Cumming School of Medicine, Calgary, AB, Canada; ⁴University of Maryland School of Medicine, Baltimore, MD, USA

Poster #45 **IMPROVED QUALITY OF KNEE RADIOGRAPHS IN A MULTI-CENTER PRACTICE AFTER INTRODUCTION OF A STANDARDIZED POSITIONING FRAME**
Faysal Altahawi, MD; Carl Winalski, MD; Erika Schneider, PhD; Morgan Jones, MD; Spindler Kurt, MD; Schils Jean, MD
The Cleveland Clinic Foundation, Cleveland, OH, USA

Poster #46 **WEIGHT-BEARING DIGITAL TOMOSYNTHESIS OF FOOT/ANKLE ARTHRITIS: COMPARISON TO RADIOGRAPHY AND SIMULATED WEIGHT-BEARING CT**
Xue Cunningham, MD¹; Alan Leung, MD²; Jennifer Favinger, MD²; Daniel Hippe, MS²; Alice Ha, MD²
¹Wake Forest University School of Medicine, Winston-Salem, NC, USA; ²University of Washington / Harborview Medical Center, Seattle, WA, USA

Poster #47 **LADY OR GENTLEMAN: SEX DIFFERENCES IN BONY AND CARTILAGE STRUCTURES OF THE KNEE**
Laura Fayad, MD, MS; Lauren Pringle, MD
Johns Hopkins University, Baltimore, MD, USA

Poster #48 **IMAGING OF ANKLE IMPINGEMENT SYNDROMES**
Gary LiMarzi, MD; Omar Khan, MD; Yashesh Shah, MD; Corrie Yablon, MD
University of Michigan Medical Center, Ann Arbor, MI, USA

Poster #49 **"CYCLOPS-LIKE" LESION RELATED TO MUCOID DEGENERATION OF THE ACL**
Maria Bedoya, MD¹; Andrew Chi, MD¹; Christian Barrera, MD²; Yiftah Beer, MD³; Nogah Shabshin, MD, MBA, BSC¹
¹Hospital of University of Pennsylvania, Philadelphia, PA, USA; ²Children's Hospital of Philadelphia, Philadelphia, PA, USA; ³Assaf Harofeh Medical Center, Zeriffin, Israel

Poster #50 **GETTING TO YOUR FEET: MR IMAGING OF FOREFOOT PAIN: WHAT THE PRACTICING RADIOLOGIST NEEDS TO KNOW**
Richard Leake, MD; Sarah Stilwill, MD; Chris Hanrahan, MD, PhD
University of Utah Medical Center / SOM, Salt Lake City, UT, USA