

ePosters

- ePoster #1** **TECHNICAL STRATEGIES AND ANATOMIC CONSIDERATIONS FOR A MODIFIED INFERIOR ENDPLATE PARAPEDICULAR ACCESS TO THORACIC AND LUMBAR VERTEBRAL BODIES**
Beall D.P., Clinical Radiology of Oklahoma, Oklahoma City, OK; Parsons B.P., Carson C.C., Witherby J.R.
(Presented by: Douglas Beall, MD)
- ePoster #2** **MRI FOR SURVEILLANCE OF LOCALLY RECURRENT SOFT TISSUE SARCOMA: IS GADOLINIUM NECESSARY?**
Chou S.S., Department of Radiology, University of Washington, Seattle, WA; Ha A.S., Chew F.S.
(Presented by: Alice Ha, MD, MS)
- ePoster #3** **MR APPEARANCES OF THE TEMPORAL EVOLUTION OF SUPRAPATELLAR PLICA SYNOVIALIS SYNDROME: SYNOVITIS, LIPOMA ARBORESCENCE AND RICE BODIES**
O'Brien S., Brooke Army Medical Center, San Antonio TX; Mansfield L.T.
(Presented by: Seth O'Brien, MD)
- ePoster #4** **HALLUX VALGUS: SPECTRUM OF IMAGING, SURGICAL PROCEDURES, AND COMPLICATIONS**
Scalcione L.R., University of Arizona Health Network, Tucson, AZ; Gimber L.H., Latt D.L., Chilvers M., Taljanovic M.S.
(Presented by: Mihra Taljanovic, MD, MSc)
- ePoster #5** **REFRACTORY LONG HEAD OF BICEPS TENDINOPATHY: TREATMENT WITH ULTRASOUND-GUIDED PERCUTANEOUS TENOTOMY**
Jose J., University of Miami; Greditzer H.G.
(Presented by: Jean Jose, DO, MS)
- ePoster #6** **ASEPTIC HIP PNEUMOARTHROSIS FOLLOWING MODULAR TOTAL HIP ARTHROPLASTY: NOVEL CLINICAL AND IMAGING PRESENTATION OF HARDWARE COMPLICATION**
Morag Y., Weber A., Blaha J.D.
(Presented by: Yoav Morag, MD)
- ePoster #7** **USEFULNESS OF DUAL ENERGY COMPUTED TOMOGRAPHY IN THE ASSESSMENT OF PATIENTS WITH ANTERIOR CRUCIATE LIGAMENT TEARS**
Haas J.P., Mayo Clinic, Glazebrook KN; Brewerton L., Leng S., Carter R., Rhee P., Murthy N., Howe M., Ringler M., Fletcher J.
(Presented by: John Haas, MD)
- ePoster #8** **DOES INTRAVENOUS CONTRAST ADMINISTRATION INFLUENCE CLINICAL COURSE IN PATIENTS WHO ARE IMAGED BY MRI FOR EVALUATION OF OSTEOMYELITIS AND SOFT TISSUE INFECTIONS?**
Ashikyan O., University of Oklahoma, Oklahoma City, OK; Riherd D.M., Attaya H.N.
(Presented by: Oganesh Ashikyan, MD)
- ePoster #9** **COMMON MRI ARTIFACTS SIMULATING MUSCULOSKELETAL DISEASE: A CASE-BASED REVIEW OF PHYSICS PRINCIPLES AND PROBLEM SOLVING**
Hoang Q.L., New Orleans VA
(Presented by: Quoc Bao Hoang, MD)

ePosters

- ePoster #10** **CURRENT CONCEPTS REGARDING CEMENTLESS FEMORAL COMPONENTS GETTING DOWN TO THE "NITTY GRITTY"**
Mollard B., USA; Morag Y., Hallstrom B., Urquhart A.
(Presented by: Yoav Morag, MD)
- ePoster #11** **MR IMAGING CHARACTERISTICS OF DIFFUSE-TYPE TENOSYNOVIAL GIANT CELL TUMOR**
Tarbox D., Mayo Clinic, Phoenix, AZ; Roberts C.C., Cross M.C., Kransdorf M.J.
(Presented by: D. Layne Tarbox, MD)
- ePoster #12** **QUALITY IMPROVEMENT PROJECT PITFALLS AND POTENTIAL TOPICS**
Zell, S.I., Mayo Clinic, Phoenix, AZ; Roberts C.C.
(Presented by: Steven Zell, MD)
- ePoster #13** **ULTRASOUND OF THE ROTATOR CUFF INTERVAL – IMPROVED VISUALIZATION WITH POSTERIOR SHIFT / EXTERNAL ROTATION (PSER) POSITIONING**
Siegal D., Henry Ford Hospital, Detroit MI; Quenneville K., van Holsbeeck M.
(Presented by: Daniel Siegal)
- ePoster #14** **WITHDRAWN**
- ePoster #15** **WITHDRAWN**
- ePoster #16** **FEMORAL HEAD ANTEVERSION RELATIVE TO THE LINEA ASPERA : MEASUREMENTS OF NORMAL SUBJECTS USING CT**
Hyatt B., Brooke AMC, San Antonio, TX; Possley D., Hassan T., O'Brien S.
(Presented by: Seth O'Brien, MD)
- ePoster #17** **ASSOCIATION OF PELVIC INCIDENCE WITH PINCER TYPE FEMOROACETABULAR IMPINGEMENT**
Gilliland J., University of Utah School of Medicine, Dept. Orthopedics, Salt Lake City, UT; Harris M., Anderson L., Hanrahan C.J., Anderson A., Peters C., West H.
(Presented by: Christopher Hanrahan, MD, PhD)
- ePoster #18** **RADIOMICS OF SOFT TISSUE SARCOMA-COMPUTER-AIDED IMAGE ANALYSIS AND CHARACTERIZATION OF TUMOR HETEROGENEITY**
Raghavan M., Tampa, FL; Zhao M., Hall L.O., Goldgof D., Gatenby R.A.
(Presented by: Meera Raghavan)
- ePoster #19** **MUSCULOSKELETAL TUMOR MIMICS-CASES ENCOUNTERED AT AN NCI-DESIGNATED CANCER CENTER**
Raghavan M., Tampa, FL; Carter T.A.
(Presented by: Meera Raghavan)
- ePoster #20** **3 TESLA CHEMICAL SHIFT MR IMAGING: TECHNIQUE, CLINICAL UTILITY AND PITFALLS FOR IMAGING THE SKELETON**
Del Grande F., Johns Hopkins Hospital, Baltimore, MD; Vincenzo G., Flammang A., Fayad L.
(Presented by: Filippo Del Grande, MD, MBA)
- ePoster #21** **ANATOMIC AND FUNCTIONAL MR IMAGING OF PERIPHERAL NERVE TUMORS AND TUMOR LIKE CONDITIONS**
Chhabra A., JHU
(Presented by: Avneesh Chhabra)

ePosters

- ePoster #22** **FDA RECALLED ARTICULAR SURFACE HIP REPLACEMENT (ASR): REVIEW OF CLINICAL, RADIOLOGICAL AND SURGICAL FINDINGS**
Lin C.H., SUNY Stony Brook University Hospital, Stony Brook, NY; Huang M., Nicholson J., Gould E.S., Ragsdale M., Hoda S., Khan F.
(Presented by: Cheryl Lin, MD)
- ePoster #23** **DIFFUSION TENSOR IMAGING OF THE SCIATIC NERVE AT 3 TESLA: NORMATIVE DIFFUSION VALUES**
Chhabra A., JHU
(Presented by: Avneesh Chhabra)
- ePoster #24** **INTRANEURAL PERINEURIOMA: AN EDUCATIONAL REVIEW OF MR IMAGING FEATURES WITH PATHOLOGIC CORRELATION**
Miller T.L., Mayo Clinic, Howe B.M., Spinner R.J., Dyck P.B., Mauermann M.L., Felmlee J.P., Amrami K.K.
(Presented by: Troy Miller)
- ePoster #25** **MR IMAGING MANIFESTATIONS OF GOUT: A CRYSTAL CLEAR REVIEW**
Makanji R.J., University of South Florida, Tampa, FL; Kedar R., Rao N., Anderson S., Prakash N.
(Presented by: Rikesh Makanji, MD)
- ePoster #26** **MR IMAGING MANIFESTATIONS IN RHEUMATOID ARTHRITIS: AN EDUCATIONAL REVIEW**
Makanji, R.J., University of South Florida, Tampa, FL; Kedar R., Anderson S., Prakash N., Rao N.
(Presented by: Rikesh Makanji, MD)
- ePoster #27** **RARE AND COMMON OSSICLES OF THE LOWER EXTREMITY: IMAGING MANIFESTATIONS AND CLINICAL IMPLICATIONS**
Makanji R.J., University of South Florida, Tampa, FL; Rao N.
(Presented by: Rikesh Makanji, MD)
- ePoster #28** **CORRELATION OF CT GUIDED SPINE BIOPSY AND BLOOD CULTURE RESULTS IN PATIENTS WITH SUSPECTED SPONDYLODISKITIS**
Larrison M., Birmingham, AL; Hamrick K., Frazier M.
(Presented by: Matthew Larrison, MD)
- ePoster #29** **AC JOINT: AN OFTEN OVERLOOKED SOURCE OF SHOULDER DISABILITY AND PAIN**
Tagoylo G., Ha A.S., Petscavage J.M.
(Presented by: Gino Tagoylo, MD)
- ePoster #30** **SAVING FORM AND FUNCTION: THE RADIOGRAPHIC APPEARANCE OF LIMB SALVAGE AND TUMOR SURGERY**
Britton C.A., University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania; Chu E.
(Presented by: Cynthia Britton, MD)
- ePoster #31** **EVALUATION OF OSTEOARTICULAR ALLOGRAFTS: WHAT THE RADIOLOGIST NEEDS TO KNOW**
Graves H.F., Vanderbilt University Medical Center, Nashville, TN; Hartley K.G.
(Presented by: Houston Graves, MD, JD)
- ePoster #32** **ANALYSIS OF ISCHIAL SPINE ORIENTATION IN PATIENTS WITH PUDENDAL COMPRESSION NEUROPATHY – A STUDY USING 3D COMPUTED TOMOGRAPHY**
Chen L., Marvel R.P., Richard H.M.
(Presented by: Lina Chen)

ePosters

- ePoster #33** **TRICEPS INJURIES – ALL YOU WANTED TO KNOW!**
Kumaravel M., UT Health; Proett J.
(Presented by: Manickam Kumaravel, MD, FRCR)
- ePoster #34** **PREMATURE LUMBAR DISC DEGENERATION - IS MINOR ENDPLATE LENGTH DISCREPANCY A PREDICTOR?**
Weatherall P.T., University of Texas Southwestern Medical Center, Dallas, TX; Graziano V.
(Presented by: Paul Weatherall, MD)
- ePoster #35** **EVALUATION OF FOREFOOT PAIN: A PICTORIAL REVIEW**
Yadavalli S., Beaumont Health System, Royal Oak, MI; Jain R.K.
(Presented by: Sailaja Yadavalli, MD, PhD)
- ePoster #36** **HIGH RESOLUTION MR IMAGING OF ELBOW ANATOMY, VARIANTS, AND COMMON PATHOLOGIES REVISITED**
Smith C.M., UTHSCSA, San Antonio, TX; Loredó R.A., Bean G., Garcia G., Humphrey J.
(Presented by: Crysel Smith, MD)
- ePoster #37** **FEMOROACETABULAR IMPINGEMENT (FAI): A NEW TECHNIQUE TO IDENTIFY IMPINGEMENT MORPHOLOGY**
Pandey T., UAMS, Little Rock, AR; Guidry C., Alapati S., Medarametla S., Ram R., Lensing S.Y., Jambhekar K.
(Presented by: Carey Guidry, MD)
- ePoster #38** **ULTRASOUND GUIDED POPLITEAL CYST ASPIRATION, SYMPTOM RELIEF AND CLINICAL OUTCOME**
Gomez A.M., UCLA Medical Center, Los Angeles, CA; Seeger L.I., Levine B.D., Manzoul S., Motamedi K.
(Presented by: Ana Gomez, MD)
- ePoster #39** **WHERE DO WE STAND? EVALUATING RADIATION EXPOSURE TO OPERATORS DURING CT FLUOROSCOPY**
Gabel C., University of Rochester School of Medicine and Dentistry; Kheyfits V., Dieudonne G., Paeth T., Jeremenko N.T., Monu J.U.
(Presented by: Christopher Gabel, MD)
- ePoster #40** **LOW DOSE CT PANOREX IMAGING REPLACING PANOREX FILMS WITH CT IMAGING IN A TERTIARY CARE CENTER**
Moorthy M.K., University of Rochester School of Medicine and Dentistry; Dieudonne G., Mis F., Kheyfits V., Monu J.U., Waldman D.
(Presented by: Meena Moorthy, MD, MBA)
- ePoster #41** **THE LINE METHOD, A NEW TECHNIQUE TO MEASURE GLENOID BONE LOSS USING 3D RECONSTRUCTIONS**
Rios A., NYU Langone Medical Center; Bloom M., Babb J., Beltran L., Gyftopoulos S.
(Presented by: Alyssa Rios)
- ePoster #42** **COMPLICATIONS OF ARTHROSCOPIC FEMORAL ACETABULAR IMPINGEMENT SURGERY: RADIOGRAPHIC FINDINGS AND CLINICAL CORRELATIONS**
Mortensen W.M., University of Utah School of Medicine; Hanrahan C.J., Crim J.R.
(Presented by: Wayne Mortensen, MD)

ePosters

- ePoster #43** **ASSOCIATION OF NON-WEIGHT BEARING MEDIAL FEMORAL CONDYLE EDEMA WITH ACUTE ACL TEAR**
Eaton J., University of Colorado, Aurora, CO; Petersen B.
(Presented by: James Eaton, MD)
- ePoster #44** **IMAGING REVIEW OF OSTEOCHONDRITIS DISSECANS AND IRREGULAR OSSIFICATION OF THE FEMORAL CONDYLE: IS REEVALUATION OF THE CURRENT GRADING SYSTEM NEEDED?**
Byra P., University of South Florida, Tampa, FL; Rao N.
(Presented by: Paul Byra, MD)
- ePoster #45** **MRI OF INFRAPATELLAR PLICA INJURY WITH SURGICAL AND CLINICAL CORRELATION**
Javery O., Brigham and Women's Hospital/Harvard Medical School, Boston, MA; Pandey S., Han R., Gaviola G.C.
(Presented by: Omar Javery, MD)
- ePoster #46** **WINDSWEEP APPEARANCE: A NEW SIGN TO DESCRIBE SUBSCAPULARIS TENDON TEARS**
Ismail A., Univ of Iowa, Iowa City, IA; Bennett D.L.
(Presented by: D. Bennett, MD, MA)
- ePoster #47** **WITHDRAWN**
- ePoster #48** **THE ACL ON MRI AXIAL OBLIQUE IMAGING: NORMAL ANATOMY AND MIMICS OF PATHOLOGY**
Stedman D., The University of Texas Health Science Center at San Antonio, TX; Bean G.W., Loreda R., Garcia G.
(Presented by: Deborah Stedman, MD)
- ePoster #49** **THE "BALTIMORE BUBBLE" REVISITED: HIP NITROGEN AS A FINDING OF RECENT DISLOCATION**
Duffy E.J., Penn State Hershey Medical Center, Hershey, PA; Petscavage J.M., Walker E.A., Bernard S.A., Brian P.M., Flemming D.J., Mosher T.J.
(Presented by: Eric Duffy, MD)
- ePoster #50** **IMAGING OF THE ELITE ATHLETE: BEYOND THE UCL**
Cordle A., Cleveland Clinic, Hanano A., Hatem S.
(Presented by: Andrew Cordle MD, PhD)
- ePoster #51** **ADVANCED IMAGING OF GOUT AND CALCIUM CRYSTAL DEPOSITION DISEASES**
Ibrahim G.F., Cleveland Clinic Foundation, Cleveland, Ohio; Schils J., Hatem S.
(Presented by: Gehan Ibrahim, MD)
- ePoster #52** **WITHDRAWN**
- ePoster #53** **CHOPART TO LISFRANC AND EVERYTHING IN BETWEEN, A REVIEW OF MIDFOOT TRAUMA**
Saade J.Y., Cleveland Clinic, Cleveland, OH; Hatem S.
(Presented by: Jimmy Saade MD)
- ePoster #54** **UPDATE ON GADOLINIUM CONTRAST FOR MUSCULOSKELETAL IMAGERS**
Hochman M.G., Beth Israel Deaconess Medical Center; Wei J.L.
(Presented by: Mary Hochman, MD, MBA)
- ePoster #55** **WITHDRAWN**
- ePoster #56** **BONE WINDOWS FOR DISTINGUISHING MALIGNANT FROM BENIGN PRIMARY BONE TUMORS ON FDG PET/CT**
Costelloe C.M., University of Texas MD Anderson Cancer Center; Chuang H.H., Chasen B.A., Pan T., Fox P.S., Bassett R.L., Madewell J.E.
(Presented by: Colleen Costelloe, MD)

ePosters

- ePoster #57** **IS THERE AN ASSOCIATION BETWEEN PSOAS ATROPHY AND PRIOR HIP SURGERY IN PATIENTS WITH RECURRENT GROIN PAIN?**
Hobbs G.P., Thomas Jefferson University Hospital, Philadelphia, PA; Zoga A.C., Meyers W.C., Chi A., Horner M., Morrison W.B.
(Presented by: George Hobbs, MD)
- ePoster #58** **ULTRASOUND VERSUS CT-GUIDED MUSCULOSKELETAL SOFT TISSUE MASS BIOPSY: A COMPARATIVE EFFECTIVENESS ANALYSIS**
Hanson J.A., University of Wisconsin, Madison, WI; Lee K.S., Peterson A.
(Presented by: James Hanson, MD)
- ePoster #59** **WHY DO BONE CONTUSIONS MATTER?**
Beaman F.D., University of Kentucky; Barker C.H., Montgomery J.R., Spicer P.J., Blomquist, G.A.
(Presented by: Francesca Beaman, MD)
- ePoster #60** **VANISHING FEMORAL NECK: A MYSTERIOUS PROCESS**
Blain Paré E., University of Montreal Hospital Center, Montreal, QC, Canada; Ehlinger M., Dosch J., Moser T.
(Presented by: Etienne Blain Paré, MD, CM, FRCPC, dABR)