

Saturday, March 24, 2018

4:00 p.m.–6:00 p.m.

Registration/Information Desk Open
Location: Lone Star Foyer

Sunday, March 25, 2018

7:00 a.m.–7:55 a.m.

Continental Breakfast

7:00 a.m.–5:00 p.m.

Registration/Information Desk Open

7:00 a.m.–1:30 p.m.

Exhibit Hall Open

7:00 a.m.–4:30 p.m.

ePoster Session

7:45 a.m.–8:50 a.m.

SSR Annual Business Meeting

9:00 a.m.–10:15 a.m.

OPENING

Moderators: Christine Chung, MD, Lynne Steinbach, MD

9:00 a.m. SG 2017

2017 SEED GRANT RESEARCH AWARD RECIPIENT PRESENTATION

9:15 a.m. #1

MEDICARE CLAIMS CHARACTERIZATION OF SSR MEMBERSHIP CLINICAL PRACTICE PATTERNS

Daniel Wessell, MD, PhD¹; Richard Duszak, II, MD²; Wang Wenyi, MA³; Danny Hughes, PhD^{3,4}; Andrew Rosenkrantz, MD⁵

¹Mayo Clinic Florida, Jacksonville, FL, USA; ²Emory University School of Medicine, Atlanta, GA, USA; ³Harvey L. Neiman Health Policy Institute, Reston, VA, USA; ⁴Georgia Institute of Technology, Atlanta, GA., Reston, VA, USA; ⁵NYU Langone Health, New York, NY, USA
(Presented by: Daniel Wessell, MD, PhD, Mayo Clinic Florida)

9:30 a.m. #2

TEXTURAL 3T MRI MEASURES OF PROXIMAL FEMUR BONE QUALITY AS BIOMARKERS OF FRACTURE RISK

Kate Harrington, MD; Harrison Besser, MS; Gregory Chang, MD

NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY, USA
(Presented by: Kate Harrington, MD, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)

9:45 a.m. #3

COST-EFFECTIVENESS OF MR ARTHROGRAPHY VERSUS MRI FOR SLAP TEARS

Naveen Subhas, MPH, MD¹; Jordan Conroy²; James Koo³; Morgan Jones, MD, MPH¹; Anthony Miniaci, MD¹; Soterios Gyftopoulos, MD, MS³

¹Cleveland Clinic, Cleveland, OH, USA; ²University Hosp of Cleveland / Case Western Reserve Univ Sch of Med, Cleveland, OH, USA; ³NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY, USA
(Presented by: Naveen Subhas, MPH, MD, Cleveland Clinic)

10:00 a.m. #4

WOMEN IN ACADEMIC MUSCULOSKELETAL RADIOLOGY

Kate Harrington, MD; Gregory Chang, MD

NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY, USA
(Presented by: Kate Harrington, MD, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)

10:15 a.m.–10:20 a.m.

CASE OF THE DAY

Presenting Author: Andrew Chow, MD

10:20 a.m.–10:45 a.m.

Break - Visit the Exhibit Hall

Sunday, March 25, 2018

10:45 a.m.–12:00 p.m.

EMERGING TECHNOLOGY

Moderators: Christopher Beaulieu, MD, PhD, Corrie Yablon, MD

10:45 a.m. #5

CT PIPELINE FOR SARCOPIENIA SCREENING USING THE AUTOMATED MUSCLE ANALYSIS TOOL

Leon Lenchik, MD¹; Ryan Barnard, MS¹; Josh Tan, MS¹; Stephen Kritchevsky, PhD¹; Ashley Weaver, PhD¹; Joel Stitzel, PhD¹; Robert Boutin, MD²

¹Wake Forest University School of Medicine, Winston-Salem, NC, USA; ²University of California, Davis, Sacramento, CA, USA

(Presented by: Leon Lenchik, MD, Wake Forest University School of Medicine)

11:00 a.m. #6

3D-MRI VERSUS 3D-CT IN THE EVALUATION OF OSSEOUS ANATOMY IN FEMOROACETABULAR IMPINGEMENT

Mohammad Samim, MD; Nima Eftekhary, MD; Thomas Youm, MD; Roy Davidovitch, MD; Jonathan Vigdorichik, MD; Soterios Gyftopoulos, MD

NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY, USA

(Presented by: Mohammad Samim, MD, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)

11:15 a.m. #7

HUMAN VS. MACHINE: DISTINGUISHING ENCHONDROMA FROM CHONDROSARCOMA WITH A BAYESIAN NETWORK

Christopher Beaulieu, MD, PhD; Bao Do, MD

Stanford University School of Medicine, Stanford, CA, USA

(Presented by: Christopher Beaulieu, MD, PhD, Stanford University School of Medicine)

11:30 a.m. #8

OPPORTUNISTIC CT BONE DENSITY MEASUREMENTS CORRELATE WITH LONG-TERM OUTCOME IN PATIENTS WITH PROXIMAL FEMUR FRACTURES

Jennifer Ni Mhuircheartaigh, MD; Daon Ha, MD; Ching-Di Chang, MD; Colm McMahon, MBBS; Jim Wu, MD

Beth Israel Deaconess Medical Center Harvard Med School, Boston, MA, USA

(Presented by: Jennifer Ni Mhuircheartaigh, MD, Beth Israel Deaconess Medical Center Harvard Med School)

11:45 a.m. #9

PREDICTIVE UTILITY OF QUANTITATIVE SUPRASPINATUS TENDON AND MUSCLE SHEAR WAVE ULTRASOUND ELASTOGRAPHY: IS THERE A CORRELATION?

Dana Lin, MD; Christopher Burke, MD; James Babb, PhD; Ronald Adler, MD, PhD

NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY, USA

(Presented by: Dana Lin, MD, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)

12:00 p.m.–12:05 p.m.

CASE OF THE DAY

Presenting Author: Michael Brown, MD

12:05 p.m.–1:30 p.m.

LUNCH (In Exhibit Hall or Industry Sponsored Lunch Symposium)

1:30 p.m.–3:00 p.m.

Focus Session/Self Assessment Module I *“Axial Arthropathies: Diagnosis and Differentials”*

3:00 p.m.–3:10 p.m.

Break - Visit the Exhibit Hall

3:10 p.m.–4:40 p.m.

Focus Session/Self Assessment Module II *“Imaging of Sports Injuries”*

4:40 p.m.–5:00 p.m.

SAM Exam

Monday, March 26, 2018

7:00 a.m.–7:55 a.m. Continental Breakfast

7:00 a.m.–12:35 p.m. Registration/Information Desk Open

7:00 a.m.–12:30 p.m. Exhibit Hall Open

7:00 a.m.–12:30 p.m. ePoster Session

7:45 a.m.–8:00 a.m. **SSR INVITED KEYNOTE PRESENTATION**
Moderators: Laura Bancroft, MD, FACR

8:00 a.m.–10:00 a.m. **UPPER EXTREMITY**
Moderators: Jarrod Dale, MD, Jennifer Demertzis, MD

- 8:00 a.m. #10 **SUPERIOR CAPSULAR RECONSTRUCTION OF THE SHOULDER – ALL YOU WANTED TO KNOW!**
Manickam Kumaravel, MD
Memorial Hermann Hospital - Texas Medical Center/ University of Texas HSC at Houston, houston, USA
(Presented by: Manickam Kumaravel, MD, Memorial Hermann Hospital - Texas Medical Center/ University of Texas HSC at Houston)
- 8:15 a.m. #11 **MULTILEVEL GLENOID MORPHOLOGY AND RETROVERSION ASSESSMENT IN WALCH B2 AND B3 TYPES**
Mohammad Samim, MD; Mandeep Virk, MD; Joseph Zuckerman, MD; Soterios Gyftopoulos, MD
NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY, USA
(Presented by: Mohammad Samim, MD, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)
- 8:30 a.m. #12 **OPTIMIZING METHODS TO QUANTIFY INTRAMUSCULAR FAT IN ROTATOR CUFF TEARS WITH NORMALIZATION**
Ankur Garg, MD¹; Paul Micevych¹; Rajan Khanna²; Lucas Buchler, MD¹; Guido Marra, MD¹; Matthew Saltzman, MD¹; Todd Parrish, PhD¹; Ameer Seitz, PhD¹
¹Northwestern Memorial Hospital ;Northwestern University Feinberg School of Medicine, Chicago, IL, USA; ²Loyola University Chicago Stritch School of Medicine, Chicago, IL, USA
(Presented by: Ankur Garg, MD, Northwestern Memorial Hospital ;Northwestern University Feinberg School of Medicine)
- 8:45 a.m. #13 **PACINIAN CORPUSCLES: BRIGHT PALMAR BLIND-SPOTS ON MRI**
Nicholas Rhodes, MD¹; David Rubin, MD²; Lehman Julia, MD¹
¹Mayo Clinic, Rochester, MN, USA; ²Mallinckrodt Institute of Radiology, Saint Louis, MN, USA
(Presented by: Nicholas Rhodes, MD, Mayo Clinic)
- 9:00 a.m. #14 **HYPERINTENSE T2 SIGNAL IN THE ULNAR NERVE AT THE CUBITAL TUNNEL: NORMAL OR ABNORMAL?**
Carissa White, MD; Behrad Golshani, MD; Benjamin Plotkin, MD; Kambiz Motamedi, MD; Leanne Seeger, MD; Benjamin Levine, MD
David Geffen School of Medicine at UCLA, Los Angeles, CA, USA
(Presented by: Carissa White, MD, David Geffen School of Medicine at UCLA)
- 9:15 a.m. #15 **CHARACTERIZATION OF GLENOID BONE REMODELING IN PROFESSIONAL BASEBALL PLAYERS**
Jonathan Rassi, MD; Naveen Subhas, MD; Jennifer Bullen, MS; Joshua Polster, MD
Cleveland Clinic, Cleveland, OH, USA
(Presented by: Jonathan Rassi, MD, Cleveland Clinic)

Monday, March 26, 2018

- 9:30 a.m. #16 **DIFFUSION TENSOR IMAGING OF THE MEDIAN NERVE WITH ULTRASOUND CORRELATION IN PATIENTS WITH CARPAL TUNNEL SYNDROME BEFORE AND AFTER FLEXOR RETINACULAR RELEASE**
Lana Gimber, MD, MPH¹; Elizabeth Krupinski, PhD²; Tolga Turker, MD¹; Giles Becker, MD¹; Lea MacKinnon, MD¹; Tyson Chadaz, MD¹; Mihra Taljanovic, MD, PhD¹
¹University of Arizona HCS - Tucson, Tucson, AZ, USA; ²Emory University, Atlanta, GA, USA
(Presented by: Lana Gimber, MD, MPH, University of Arizona HCS - Tucson)
- 9:45 a.m. #17 **ACCURACY OF MRI AND MRA IN DETECTING ROTATOR CUFF TEARS IN PATIENTS WITH CALCIFIC TENDINOSIS**
Michael Fox, MD¹; Jonathan Flug, MD²; Joseph Brinkman³; David Hartigan, MD²; Mark Kransdorf, MD²; Spencer Chivers, MD²; Taryar Zaw, MD²
¹Mayo Clinic, Phoenix, AZ, USA; ²Mayo Clinic Hospital, Phoenix, AZ, USA; ³Creighton, Omaha, NE, USA
(Presented by: Michael Fox, MD, Mayo Clinic)
- 10:00 a.m.–10:05 a.m. CASE OF THE DAY**
Presenting Author: Kurt Scherer, MD
- 10:05 a.m.–10:30 a.m. Break - Visit the Exhibit Hall**
- 10:30 a.m.–12:30 p.m. INTERVENTION/POSTOPERATIVE**
Moderators: MK Jesse, MD, Kambiz Motamedi, MD
- 10:30 a.m. #18 **LATISSIMUS DORSI TENDON TRANSFER PROCEDURES: PRE- AND POST-OPERATIVE MR IMAGING FEATURES**
Lawrence White, MD; Linda Probyn, MD; Patrick Henry, MD; Timothy Dwyer, MBBS, PhD; Michael McKee, MD
University of Toronto, Toronto, ON, Canada
(Presented by: Lawrence White, MD, University of Toronto)
- 10:45 a.m. #19 **FOUR YEAR RETROSPECTIVE REVIEW OF PERINEURAL INJECTIONS ABOUT THE UPPER EXTREMITY**
Pamela Walsh, MD; William Walter, MD; Christopher Burke, MD; Ronald Adler, MD, PhD
NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY, USA
(Presented by: Pamela Walsh, MD, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)
- 11:00 a.m. #20 **MAGNETIC RESONANCE ARTHROGRAPHY OF THE WRIST: DOES DISTAL RADIOULNAR JOINT INJECTION ALTER MANAGEMENT?**
Nathaniel Meyer, MD; Corrie Yablon, MD; Yoav Morag, MD; Jon Jacobson, MD
University of Michigan Medical Center, Ann Arbor, MI, USA
(Presented by: Nathaniel Meyer, MD, University of Michigan Medical Center)
- 11:15 a.m. #21 **DIAGNOSTIC UTILITY OF LAVAGE FOR PERIPROSTHETIC JOINT INFECTION: ARE THE CULTURE RESULTS RELIABLE?**
Dana Lin, MD; Christopher Burke, MD; Nathan Jia, BS; Joseph Zuckerman, MD; Gina Ciavarra, MD
NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY, USA
(Presented by: Dana Lin, MD, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)

Monday, March 26, 2018

- 11:30 a.m. #22 **POTENTIAL IMPORTANCE OF BIOPSY OF SOFT TISSUE NEOPLASM NECROSIS**
Mark Murphey, MD¹; Michael Shvarts, MD¹; Steven Kong, MD²; Anthony Zaklama, MD³; Dhruv Kumar, MD⁴; James Jelinek, MD⁴
¹American Institute for Radiologic Pathology, Silver Spring, MD, USA; ²SimonMed, Riverside, CA, USA; ³Geisinger Health, Danville, PA, USA; ⁴Medstar Washington Hospital Center, Washington, DC, USA
(Presented by: Mark Murphey, MD, American Institute for Radiologic Pathology)
- 11:45 a.m. #23 **CT-GUIDED DISCITIS-OSTEOMYELITIS BIOPSIES: NEEDLE GAUGE AND MICROBIOLOGY RESULTS**
Connie Chang, MD; F. Simeone, MD; Joao Vicentini, MD; Sandra Nelson, MD
Mass General Hospital, Boston, MA, USA
(Presented by: Connie Chang, MD, Mass General Hospital)
- 12:00 p.m. #24 **INTRAMUSCULAR BOTULISM TOXIN TYPE A (BTA) INJECTION FACILITATES ABDOMINAL WALL RECONSTRUCTION (AWR) OF RECURRENT LARGE-DEFECT HERNIAS**
Robert Lopez, MD¹; Robert Raible, MD¹; James Coumas, MD¹; Taylor Stone, MD¹; Paul Colavita, MD²; Vedra Augenstein, MD²; Kent Kercher, MD²; Todd Heniford, MD²
¹Charlotte Radiology, Charlotte, NC, USA; ²Carolinas Health Care System, Charlotte, NC, USA
(Presented by: Robert Lopez, MD, Charlotte Radiology)
- 12:15 p.m. #25 **IMAGING APPEARANCE OF THE ULNAR NERVE FOLLOWING SURGICAL INTERVENTION**
Nicholson Chadwick, MD; Yoav Morag, MD; Brandon Smith, MD, MS; Corrie Yablon, MD; Sung Moon Kim, MD; Kate Chang, MS; Lynda Yang, MD, PhD
University of Michigan Medical Center, Ann Arbor, MI, USA
(Presented by: Nicholson Chadwick, MD, University of Michigan Medical Center)
- 12:30 p.m.–12:35 p.m.** **CASE OF THE DAY**
Presenting Author: Tom Chen, MD
- 1:00 p.m.–3:00 p.m.** ***Musculoskeletal Ultrasound Hands-On Workshop/Hip**
- 6:00 p.m.–9:30 p.m.** **Annual Banquet - Brazos Hall (2 blocks from hotel)**

Tuesday, March 27, 2018

7:00 a.m.–7:55 a.m.	Continental Breakfast
7:00 a.m.–12:35 p.m.	Registration/Information Desk Open
7:00 a.m.–12:30 p.m.	Exhibit Hall Open
7:00 a.m.–12:30 p.m.	ePoster Session

8:00 a.m.–10:00 a.m.

HIP/PELVIS

Moderators: Cheryl Petersilge, MD, Troy Storey, MD

- 8:00 a.m. #26 **CAM TYPE FEMOROACETABULAR IMPINGEMENT: ALPHA ANGLES VERSUS VOLUMETRIC BUMP SEGMENTATION AND CORRELATION WITH SURGICAL FINDINGS**
Avneesh Chhabra, MD
University of Texas Southwestern Medical Center at Dallas, Dallas, TX, USA
(Presented by: Avneesh Chhabra, MD, University of Texas Southwestern Medical Center at Dallas)
- 8:15 a.m. #27 **FLUOROSCOPICALLY GUIDED ILIOPSOAS BURSA INJECTIONS: INSTITUTIONAL EXPERIENCE WITH FOCUS ON POST PROCEDURE COMPLICATIONS**
Manisha Raythatha, MD; Damon Spitz, MD; Samuel Madoff, MD; Joseph Tang, MD; Joel Newman, MD
New England Baptist Hosp. Tufts University School of Med, Boston, MA, USA
(Presented by: Manisha Raythatha, MD, New England Baptist Hosp. Tufts University School of Med)
- 8:30 a.m. #28 **ASSOCIATION BETWEEN SEVERITY OF HETEROTOPIC OSSIFICATION AROUND THE HIP JOINT AND THE INTERVAL BETWEEN THE TIME OF INJURY AND SURGERY**
Daichi Hayashi, MD, PhD¹; Corey Ho, MD²; Dennis Caruana³; David Komatsu, PhD¹; James Nicholson, MD¹; Musa Mufti, MD¹; Jie Yang, PhD, MS¹; Chencan Zhu¹; Elaine Gould, MD¹
¹Stony Brook University Medical Center HSC, Stony Brook, NY, USA; ²University of Colorado Denver, Aurora, CO, USA; ³NY Cancer & Blood Specialists, East Setauket, NY, USA
(Presented by: Daichi Hayashi, MD, PhD, Stony Brook University Medical Center HSC)
- 8:45 a.m. #29 **RADIOGRAPHS IN SCREENING FOR FEMORAL CAM MORPHOLOGY: HOW MANY ARE SUFFICIENT?**
Tony Wong, MD; Joanna Weeks; Mark Francescone, MD; Michael Rasiej, MD; Jonathan Kazam, MD
Columbia-Presbyterian Medical Center, New York, NY, USA
(Presented by: Tony Wong, MD, Columbia-Presbyterian Medical Center)
- 9:00 a.m. #30 **QUANTIFYING FEMORAL HEAD AND NECK ASPHERICITY IN FAI AND INSTABILITY VERSUS CONTROLS USING RADIAL 3DCT AND VOLUMETRIC BUMP SEGMENTATION**
Avneesh Chhabra, MD
University of Texas Southwestern Medical Center at Dallas, Dallas, TX, USA
(Presented by: Avneesh Chhabra, MD, University of Texas Southwestern Medical Center at Dallas)

Tuesday, March 27, 2018

- 9:15 a.m. #31 **PELVIS MRI AND MR LUMBOSACRAL NEUROGRAPHY: IMPACT ON ULTRASOUND-GUIDED PELVIC PERINEURAL INJECTIONS.**
Sonali Lala, MD; William Walter, MD; Ronald Adler, MD, PhD; Christopher Burke, MD
NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY, USA
(Presented by: Sonali Lala, MD, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)
- 9:30 a.m. #32 **SCIATIC NERVE VARIANTS IN PATIENTS DIAGNOSED WITH SCIATICA: IS THERE A CORRELATION?**
Hayat Khan, MD; Tamara Fierst, MD; Sayed Ali, MD; Padmaja Jonnalagadda, MD; Stephen Ling, MD; Mark Weiner, MD; Omer Awan, MD
Temple University Hospital, Philadelphia, PA, USA
(Presented by: Hayat Khan, MD, Temple University Hospital)
- 9:45 a.m. #33 **DIAGNOSIS OF ISCHIOFEMORAL IMPINGEMENT BY A NOVEL ULTRASOUND TECHNIQUE**
Yaron Berkowitz, MB BChir, MRCS, FRCR¹; Simon Greenwood, MBChB, MSc, MRCP, FRCR¹; Hatim Alabsi, MBBS²; Charis McNabney, MB BCh, BAO¹; Darra Murphy, MB BCh, BAO, FRCPC¹; Mark Cresswell, MB BCh, FRCR, FRCPC¹
¹St Paul's Hospital, Vancouver, BC, Canada; ²King Abdulaziz University, Jeddah, Saudi Arabia
(Presented by: Yaron Berkowitz, MB BChir, MRCS, FRCR, St Paul's Hospital)
- 10:00 a.m.–10:05 a.m. CASE OF THE DAY**
Presenting Author: Hailey Allen, MD
- 10:05 a.m.–10:30 a.m. Break - Visit the Exhibit Hall**
- 10:30 a.m.–12:30 p.m. TRAUMA/MISCELLANEOUS**
Moderators: Mark Cresswell, MBBCh, BSc, Hilary Umans, MD
- 10:30 a.m. #34 **BREAK FROM PLAY: INCIDENCE AND IMPLICATIONS OF FRACTURE IN CORE MUSCLE INJURY**
Joseph Delic, MD; Andrew Ross, MD, MPH; Donna Blankenbaker, MD
University of Wisconsin Hospital & Clinics, Madison, WI, USA
(Presented by: Joseph Delic, MD, University of Wisconsin Hospital & Clinics)
- 10:45 a.m. #35 **EFFECT OF ANALYTICS DRIVEN CUSTOM WORKLISTS ON MUSCULOSKELETAL MRI INTERPRETATION TIMES IN AN ACADEMIC SETTING**
Tony Wong, MD; Jonathan Kazam, MD; Michael Rasiej, MD
Columbia-Presbyterian Medical Center, New York, NY, USA
(Presented by: Tony Wong, MD, Columbia-Presbyterian Medical Center)
- 11:00 a.m. #36 **LOW DOSE METAL ARTIFACT REDUCTION CT IN ARTHROPLASTY IMAGING: A CADAVERIC AND CLINICAL STUDY**
Naveen Subhas, MD, MPH¹; Bong Jae Jun, PhD¹; Eric Ricchetti, MD¹; Nancy Obuchowski, PhD¹; Andrew Primak, PhD²; Joseph Iannotti, MD, PhD¹
¹Cleveland Clinic, Cleveland, OH, USA; ²Siemens Healthcare, Cleveland, OH, USA
(Presented by: Naveen Subhas, MD, MPH, Cleveland Clinic)
- 11:15 a.m. #37 **SUBCHONDRAL INSUFFICIENCY FRACTURE OF THE KNEE (THE OLD SONK): NOVEL MRI-BASED GRADING SYSTEM AND ITS CLINICAL IMPLICATION**
Felix Gonzalez, MD¹; Yara Younan, MD¹; Johanness Roedl, MD²; Monica Umpierrez, MD¹; Adam Singer, MD¹; Gulshan Sharma, PhD, MPH³; Adam Zoga, MD²; William Morrison, MD²
¹Emory University Dept. of Radiology, MSK Division, Atlanta, GA, USA; ²Thomas Jefferson University Hospital, Philadelphia, PA, USA; ³Cumming School of Medicine, Calgary, AB, Canada
(Presented by: Felix Gonzalez, MD, Emory University Dept. of Radiology, MSK Division)

Tuesday, March 27, 2018

- 11:30 a.m. #38 **ULTRASOUND EVALUATION OF RADIAL NERVE PALSY ASSOCIATED WITH HUMERAL SHAFT FRACTURE TO GUIDE OPERATIVE VERSUS CONSERVATIVE TREATMENT**
Mihra Taljanovic, MD, PhD; Melissa Esparza, MD; Lana Gimber, MD, MPH; Lisa Truchan, MD; Tyson Chadaz, MD; Christina Boulton, MD; Jason Wild, MD
University of Arizona HCS - Tucson, Tucson, AZ, USA
(Presented by: Mihra Taljanovic, MD, PhD, University of Arizona HCS - Tucson)
- 11:45 a.m. #39 **“OSTEITIS”: HITHER, THITHER OR WITHER? PREDICTION OF OSTEOMYELITIS IN PATIENTS WITH EQUIVOCAL MRI FINDINGS**
William Morrison, MD; Alessandra Sax, MD; Adam Zoga, MD; Johannes Roedl, MD; Jeffrey Belair, MD
Thomas Jefferson University Hospital, Philadelphia, PA, USA
(Presented by: William Morrison, MD, Thomas Jefferson University Hospital)
- 12:00 p.m. #40 **BONE BRUISE VS. NON-DISPLACED FRACTURE AT MRI: A GRADING SYSTEM TO PREDICT RETURN TO PLAY**
Jeffrey Belair, MD¹; Adam Zoga, MD¹; William Morrison, MD¹; Roedl Johannes, MD¹; Blake Bowden, MD²
¹Thomas Jefferson University Hospital, Philadelphia, PA, USA; ²Augusta University, Augusta, GA, USA
(Presented by: Jeffrey Belair, MD, Thomas Jefferson University Hospital)
- 12:15 p.m. #41 **EVALUATION OF ATRAUMATIC MUSCULOSKELETAL PAIN IN THE EMERGENCY DEPARTMENT BY DUAL ENERGY CT (DECT) WITH VIRTUAL NONCALCIUM APPLICATION FOR BONE MARROW EDEMA AND COLOR OVERLAY: BEYOND FRACTURES**
E Garwood, MD; Soterios Gyftopoulos, MD; Emilio Vega, BS; Michael Mechlin, MD
NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY, USA
(Presented by: E Garwood, MD, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)
- 12:30 p.m.–12:35 p.m.** **CASE OF THE DAY**
Presenting Authors Brian Y. Chan, MD

Wednesday, March 28, 2018

7:00 a.m.–7:55 a.m.	Continental Breakfast
7:00 a.m.–12:30 p.m.	Registration/Information Desk Open
7:00 a.m.–10:30 a.m.	Exhibit Hall Open
7:00 a.m.–10:30 a.m.	ePoster Session

8:00 a.m.–10:00 a.m.

TUMOR

Moderators: Behrang Amini, MD, PhD, Francesca D. Beaman, MD

- 8:00 a.m. #42 **QUANTITATIVE FUNCTIONAL AND METABOLIC IMAGING FOR THE CHARACTERIZATION OF MALIGNANT TUMORS IN PATIENTS WITH NEUROFIBROMATOSIS TYPE 1**
Shivani Ahlawat, MD; Laura Fayad, MD
Johns Hopkins University, Baltimore, MD, USA
(Presented by: Shivani Ahlawat, MD, Johns Hopkins University)
- 8:15 a.m. #43 **BROWN ADIPOSE TISSUE AND CANCER ACTIVITY**
Miriam Bredella, MD; Stijn Bos, MS; Corey Gill, MS; Martin Torriani, MD
Mass General Hospital, Boston, MA, USA
(Presented by: Miriam Bredella, MD, Mass General Hospital)
- 8:30 a.m. #44 **MSK RADIOLOGY-PATHOLOGY CORRELATION: DOES WEEKLY REVIEW IMPROVE CARE?**
James Banks, MD; Hillary Garner, MD; Daniel Wessell, MD, PhD; Joseph Bestic, MD; Jeffrey Peterson, MD
Mayo Clinic Florida, Jacksonville, FL, USA
(Presented by: James Banks, MD, Mayo Clinic Florida)
- 8:45 a.m. #45 **ADVANCED IMAGING OF SPINDLE CELL LIPOMA**
James Jelinek, MD¹; Alex Wu, MD²; Albert Aboulafia, MD²; Matthew Wallace, MD²; Mark Murphey, MD³; Dhruv Kumar, MD¹; Robert Henshaw, MD¹
¹MedStar Washington Hospital Center, Washington D.C., DC, USA; ²MedStar Franklin Square Hospital, Baltimore, MD, USA; ³American Institute for Radiologic Pathology, Silver Spring, MD, USA
(Presented by: James Jelinek, MD, MedStar Washington Hospital Center)
- 9:00 a.m. #46 **ASSOCIATION OF PSOAS MUSCLE UPTAKE ON FDG PET/CT WITH PROGRESSION FROM SMOLDERING TO SYMPTOMATIC MULTIPLE MYELOMA**
Behrang Amini, MD, PhD¹; Yves-Paul Nakache, BS²; Lorenzo Nardo, MD²; Elisabet Manasanch, MD¹; Leon Lenchik, MD³; Robert Boutin, MD²
¹The University of Texas M.D. Anderson Cancer Center, Houston, TX, USA; ²University of California, Davis, Sacramento, CA, USA; ³Wake Forest University School of Medicine, Lexington, NC, USA
(Presented by: Behrang Amini, MD, PhD, The University of Texas M.D. Anderson Cancer Center)
- 9:15 a.m. #47 **IMAGING FEATURES OF MUSCULOSKELETAL PLEOMORPHIC LIPOSARCOMA WITH PATHOLOGIC CORRELATION**
Michael Shvarts, MD¹; James Jelinek, MD²; Mark Murphey, MD¹; Mark Kransdorf, MD³
¹American Institute for Radiologic Pathology, Silver Spring, MD, USA; ²Medstar Washington Hospital Center, Washington, DC, USA; ³Mayo Clinic, Phoenix, AZ, USA
(Presented by: Michael Shvarts, MD, American Institute for Radiologic Pathology)

Wednesday, March 28, 2018

- 9:30 a.m. #48 **CAN PRE-TREATMENT FDG-18 PET/CT PREDICT LOCAL CONTROL FOLLOWING SPINE STEREOTACTIC RADIOSURGERY**
Behrang Amini, MD, PhD¹; Ethan Wang, HS²; Andrew Bishop, MD¹; Jing Li, MD¹; Laurence Rhines, MD¹; Claudio Tatsui, MD¹; Yeboa Debra, MD¹; Amol Ghia, MD¹
¹The University of Texas M.D. Anderson Cancer Center, Houston, TX, USA; ²The University of Texas at Austin, Austin, TX, USA
(Presented by: Behrang Amini, MD, PhD, The University of Texas M.D. Anderson Cancer Center)
- 9:45 a.m. #49 **UTILITY OF INTRAVENOUS CONTRAST FOR DETECTION OF RECURRENT SOFT TISSUE SARCOMAS ON MRI**
Behrang Amini, MD, PhD; Tamara Haygood, MD, PhD; Rajendra Kumar, MD; John Madewell, MD; Kevin McEnery, MD; Bilal Mujtaba, MD; William Murphy, II, MD; Wei Wei, MS; Colleen Costelloe, MD
The University of Texas M.D. Anderson Cancer Center, Houston, TX, USA
(Presented by: Behrang Amini, MD, PhD, The University of Texas M.D. Anderson Cancer Center)
- 10:00 a.m.–10:05 a.m. CASE OF THE DAY**
Presenting Author: Nathaniel Meyer, MD
- 10:05 a.m.–10:30 a.m. Break - Visit the Exhibit Hall**
- 10:30 a.m.–12:30 p.m. LOWER EXTREMITY**
Moderators: Bethany Casagranda, DO, Peter Evangelista, MD
- 10:30 a.m. #50 **ULTRASOUND SHEAR WAVE ELASTOGRAPHY OF THE LATERAL ANKLE LIGAMENTS IN HEALTHY SUBJECTS AT REST AND STRESS**
Lana Gimber, MD, MPH¹; L Latt, MD, PhD¹; Chelsea Caruso, DO¹; Andres Nuncio Zuniga¹; Elizabeth Krupinski, PhD²; Tyson Chadaz, MD¹; Mihra Taljanovic, MD, PhD¹
¹University of Arizona HCS - Tucson, Tucson, AZ, USA; ²Emory University, Atlanta, GA, USA
(Presented by: Lana Gimber, MD, MPH, University of Arizona HCS - Tucson)
- 10:45 a.m. #51 **MUCOID DEGENERATION OF THE ACL: THE LIGAMENOUS STRAIN HYPOTHESIS**
Andrew Wilmot, MD; Jeffrey Towers, MD
University of Pittsburgh Medical Center, Pittsburgh, PA, USA
(Presented by: Andrew Wilmot, MD, University of Pittsburgh Medical Center)
- 11:00 a.m. #52 **FULLY-AUTOMATED 10-MIN 3D TSE MRI OF THE PEDIATRIC KNEE**
Shivani Ahlawat, MD; Rushyuan Lee, MD; Jan Fritz, MD
Johns Hopkins University, Baltimore, MD, USA
(Presented by: Shivani Ahlawat, MD, Johns Hopkins University)
- 11:15 a.m. #53 **"SOCCER TOE": CHRONIC PHYSEAL INJURY OF THE FIRST METATARSAL**
Tal Laor, MD¹; Andrew Schapiro, MD²
¹Children's Hospital, Harvard University, Boston, MA, USA; ²Cincinnati Children's Hospital, University of Cincinnati, Cincinnati, OH, USA
(Presented by: Tal Laor, MD, Children's Hospital, Harvard University)
- 11:30 a.m. #54 **T2 MAPPING OF ARTICULAR CARTILAGE OF THE NORMAL PEDIATRIC KNEE AT 3.0 T**
Hailey Allen, MD¹; Fang Liu, PhD²; Richard Kijowski, MD²; Jie Nguyen, MD, MS³
¹University of Utah Medical Center / SOM, Salt Lake City, UT, USA; ²University of Wisconsin Hospital & Clinics, Madison, WI, USA; ³Hospital for Special Surgery, New York, NY, USA
(Presented by: Hailey Allen, MD, University of Utah Medical Center / SOM)

Wednesday, March 28, 2018

- 11:45 a.m. #55 **CARVED IN BONE: "CALCANEAL CRESCENT" IN PATIENTS WITH AND WITHOUT PLANTAR FASCIITIS**
Palanan Siriwanarangsun, MD; Tim Finkenstaedt, MD; Sheronda Statum, MS; Won Bae, PhD; Christine Chung, MD
University of California, San Diego & Veterans Affairs Med Center, SD, San Diego, CA, USA
(Presented by: Palanan Siriwanarangsun, MD, University of California, San Diego & Veterans Affairs Med Center, SD)
- 12:00 p.m. #56 **3T MRI BASED BI-EXPONENTIAL T2 RELAXATION MEASUREMENT IN KNEE MENISCI**
Hamza Alizai, MD; Rahman Baboli, MS; Azadeh Sharafi, PhD; Gregory Chang, MD; Ravinder Regatte, PhD
NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY, USA
(Presented by: Hamza Alizai, MD, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)
- 12:15 p.m. #57 **EFFECT OF PERIMENISCAL SCARRING ON PREVENTION OF KNEE OSTEOARTHRITIS**
William Morrison, MD¹; Vishal Desai, MD²; Adam Zoga, MD¹; Johannes Roedl, MD¹; Suzanne Long, MD¹; Jeffrey Belair, MD¹
¹Thomas Jefferson University Hospital, Philadelphia, PA, USA; ²Jefferson Radiology Musculoskeletal Radiology Fellowship, Philadelphia, PA, USA
(Presented by: William Morrison, MD, Thomas Jefferson University Hospital)