

Sunday, March 19, 2017

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.–10:20 a.m. GENERAL

Moderators: Mary Hochman, MD, Jennifer Demertzis, MD

9:00 a.m. #1 **RAPID HIP MRI: FEASIBILITY OF DETECTING RADIOGRAPHICALLY OCCULT HIP FRACTURES IN THE ELDERLY (SSR SEED GRANT RECIPIENT)**

Andrew Ross, MD, MPH; Brian Chan, MD; Paul Yi, MD; Michael Repplinger, MD, PhD; David Vanness, PhD; Kenneth Lee, MD, MBA

University of Wisconsin Hospital & Clinics, Madison, WI

(Presented by: Andrew Ross, University of Wisconsin Hospital & Clinics)

9:15 a.m. #2 **VALIDITY AND RELIABILITY OF POCKET-SIZE ULTRASOUND TO DIAGNOSE DISTAL RADIUS FRACTURES AND ASSESS QUALITY OF CLOSED REDUCTION**

Brian Lau, MD¹; Aaron Robertson, B.S.²; Nicholas Lee, MD³; Daria Motamedi, MD¹

¹University of California, San Francisco, CA; ²San Francisco State University, San Francisco, CA;

³University of California San Francisco Medical Center, San Francisco, CA

(Presented by: Brian Lau, University of California, San Francisco, Musculoskeletal Imaging Fellowship)

9:25 a.m. #3 **PREVALENCE OF BURNOUT AMONG MUSCULOSKELETAL RADIOLOGISTS**

Felix Chew, MD¹; Michael Mulcahy, PhD²; Jack Porrino, MD¹; Hyojeong Mulcahy, MD¹; Annemarie Relyea-Chew, JD¹

¹University of Washington / Harborview Medical Center, Seattle, WA; ²Central Washington University, Ellensburg, WA

(Presented by: Felix Chew, University of Washington / Harborview Medical Center)

9:40 a.m. #4 **READER'S CHOICE MSK RADIOLOGY JOURNAL CLUB: AN EFFECTIVE AND EFFICIENT EDUCATIONAL INITIATIVE**

Gregory Czuczman, MD; Jacob Mandell, MD; Stacy Smith, MD

Brigham and Women's Hospital, Harvard Medical School, Boston, MA

(Presented by: Gregory Czuczman, Brigham and Women's Hospital, Harvard Medical School)

9:55 a.m. #5 **R4 MSK ELECTIVE EXPERIENCE: SURVEY RESULTS FROM 70 INSTITUTIONS**

Bethany Casagranda, DO¹; Theodore Miller, MD²; Kirkland Davis, MD³; Jason Stephenson, MD³; Don Flemming, MD⁴

¹Allegheny General Hospital, Pittsburgh, PA; ²Hospital for Special Surgery, New York, NY;

³University of Wisconsin Hospital & Clinics, Madison, WI; ⁴Penn State Milton S. Hershey Medical Center, Hershey, PA

(Presented by: Bethany Casagranda, Allegheny General Hospital)

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10:05 a.m. #6 **MUSCULOSKELETAL RADIOLOGY FELLOWSHIP APPLICATION AND SELECTION PROCESS: PERCEPTIONS OF RESIDENTS, FELLOWS AND FELLOWSHIP DIRECTORS**

Jennifer Demertzis, MD¹; Jonathan Baker, MD¹; David Rubin, MD¹; Charles Resnik, MD²;

Theodore Miller, MD³

¹Mallinckrodt Institute of Radiology, St. Louis, MO; ²University of Maryland School of Medicine, Baltimore; ³Hospital for Special Surgery, New York City
(Presented by: Jennifer Demertzis, Mallinckrodt Institute of Radiology)

10:20 a.m.–10:25 a.m. CASE OF THE DAY

Presenting Authors: Jason W. Stephenson, MD and Ashley Nitschke, MD

10:25 a.m.–10:45 a.m. Break - Visit the Exhibit Hall

10:45 a.m.–12:00 p.m. SPINE/CORE

Moderators: Carol Andrews, MD; Jonelle Petscavage, MD

10:45 a.m. #7 NONUNION RATE OF TYPE II AND III ODONTOID FRACTURES IN CPPD VS. CONTROL POPULATION

Jonelle Petscavage-Thomas, MD; Aaron Wold, Medical Student; Eric Walker, MD

Penn State Milton S. Hershey Medical Center, Hershey, PA

(Presented by: Jonelle Petscavage-Thomas, Penn State Milton S. Hershey Medical Center)

11:00 a.m. #8 LUMBAR SPINE EPIDURAL LIPOMATOSIS: MRI QUANTIFICATION AND ASSOCIATION WITH RISK FACTORS

Felix Gonzalez, MD¹; Douglas Robertson, MD, PhD²; Anuj Patel, MD²; Marcus Walker, MS³; Yara Younan, MD²; Catphuong Vu, BA²; Michael Gottschalk, MD²; John Rhee, MD²; Monica Umpierrez, MD²

¹MedStar Medical Radiology Group; ²Emory University, Atlanta, GA; ³Georgia Institute of Technology, Atlanta, GA

(Presented by: Felix Gonzalez, MedStar Medical Radiology Group)

11:15 a.m. #9 MR NEUROGRAPHY AND DIFFUSION TENSOR IMAGING AS A POTENTIAL BIOMARKER OF CHEMOTHERAPY INDUCED PERIPHERAL NEUROPATHY

Lana Gimber, MD, MPH¹; Linda Garland, MD¹; Elizabeth Krupinski, PhD²; Tyson Chadaz, MD¹;

Kevin Johnson, BS¹; Michael Schwenk, PhD³; Bijan Najafi, PhD⁴; Mihra Taljanovic, MD, PhD¹

¹University of Arizona HCS - Tucson, Tucson, AZ; ²Emory University, Atlanta, GA; ³Heidelberg University, Heidelberg, Germany; ⁴Baylor College of Medicine, Houston, TX

(Presented by: Lana Gimber, University of Arizona HCS - Tucson)

11:30 a.m. #10 MR LUMBOSACRAL NEUROGRAPHY: CLINICAL OUTCOMES AND IMPLICATIONS FOR TREATMENT OVER A 5 YEAR PERIOD

Vivek Joshi, MD; Soterios Gyftopolous, MD; Jeremiah Pack, MD; Christopher Burke, MD

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

(Presented by: Vivek Joshi, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)

11:45 a.m. #11 GRADING OF CORE MUSCLE INJURIES AND ASSOCIATION WITH CHRONICITY OF INJURY, PAIN SCALE, INJURY PROGRESSION AND TREATMENT RESPONSE

Johannes Roedl, MD¹; Adam Zoga, MD¹; William Meyers, MD²; Mika Nevalainen, MD¹; William Morrison, MD¹; Alexander Poor, MD²

¹Thomas Jefferson University Hospital, Philadelphia, PA; ²Hahnemann University Hospital, Drexel, Philadelphia, PA

(Presented by: Johannes Roedl, Thomas Jefferson University Hospital)

12:00 p.m.–12:05 p.m. CASE OF THE DAY

Presenting Authors: Munib Sana, MD and Benjamin D. Levine, MD

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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

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

4:40 p.m.–5:00 p.m. SAM Exam

5:15 p.m.–7:15 p.m. Ad Hoc Academic Council Meeting - Restructuring the Fellowship Interview Process

Monday, March 20, 2017

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

Moderators: Donna Blankenbaker, MD; Robert Boutin, MD

8:00 a.m. #12 **ADDING TOMOSYNTHESIS IN LONG-TERM FOLLOW-UP OF BISPHOSPHONATE-RELATED ATYPICAL FEMUR FRACTURES: DOES IT CHANGE THE INTERPRETATION?**

Alice Ha, MD; Jennifer Favinger, MD; Daniel Hippe, BS; Alice Ha, MD

University of Washington / Harborview Medical Center, Seattle

(Presented by: Alice Ha, University of Washington / Harborview Medical Center)

8:15 a.m. #13 **RAPIDLY PROGRESSIVE HIP OSTEOARTHRITIS: RADIOLOGIC-PATHOLOGIC CORRELATION**

Albert Song, MD¹; Dariusz Borys, MD¹; Suraj Chandrasekar, MD¹; Grace Chan, 3rd Year Medical Student¹; Harold Rees, MD¹; Rochella Ostrowski, MD¹; Mark Murphey, MD²

¹Loyola University Medical Center, Maywood, IL; ²American Institute for Radiologic Pathology, Silver Spring, MD

(Presented by: Albert Song, Loyola University Medical Center)

8:30 a.m. #14 **CT MEASURED MUSCLE DENSITY PREDICTS 90-DAY MORTALITY FOLLOWING HIP FRACTURE**

Daniel Robinson, MD¹; Robert Morgan, Medical Student¹; Robert Boutin, MD²; Leon Lenchik, MD¹

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

(Presented by: Daniel Robinson, Wake Forest University School of Medicine)

8:45 a.m. #15 **CT OF HIP FRACTURE PATIENTS: OPPORTUNISTIC SCREENING OF BONE DENSITY**

Robert Boutin, MD¹; Troy Miles, MD¹; Sara Bamrungchart, MD¹; Cyrus Bateni, MD¹; Daniel Beavers, PhD²; Kristen Beavers, PhD²; John Meehan, MD¹; Leon Lenchik, MD²

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

(Presented by: Robert Boutin, University of California, Davis)

9:00 a.m. #16 **REPLACEMENT OF THE PROXIMAL FEMORAL EPIPHYSEAL FAT USING T1WI SIGNAL-INTENSITY RATIOS: A RELIABLE AND QUANTIFIABLE MRI PARAMETER FOR THE INITIAL DIAGNOSIS OF HEMATOLOGIC MALIGNANCY IN PEDIATRIC PATIENTS.**

Taylor Stone, MD; Robert Lopez-Ben, MD

Charlotte Radiology, Charlotte, NC

(Presented by: Taylor Stone, Charlotte Radiology)

9:15 a.m. #17 **MRI MINIMUM INTENSITY PROJECTION EVALUATION OF THE PHYSIOLOGICAL BASIS FOR ILIOPSOAS SNAPPING HIP SYNDROME.**

Scott Schiffman, MD; Brett Talbot, MD; Sean Cleary, MD; Brian Giordano, MD

The University of Rochester School of Medicine and Dentistry, Rochester, NY

(Presented by: Scott Schiffman, The University of Rochester School of Medicine and Dentistry)

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9:30 a.m. #18 **MRI FINDINGS OF ADVERSE LOCAL TISSUE REACTION DUE TO MECHANICALLY ASSISTED CREVICE CORROSION IN TOTAL HIP ARTHROPLASTY**

Munib Sana, MD; Pavel Morozov, MD; Tod Abrahams, MD; Brian McGrory, MD; Steven Farragher, MD

Maine Medical Center, Portland, ME

(Presented by: Munib Sana, Maine Medical Center)

9:45 a.m. #19 **VARIABILITY OF MRI REPORTING IN PROXIMAL HAMSTRING AVULSION INJURY**

Erin Alaia, MD; Soterios Gyftopoulos, MD; Michael Alaia, MD; Kirk Campbell, MD; Gina Ciavarra, MD; Elisabeth Garwood, MD; Michael Recht, MD

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

(Presented by: Erin Alaia, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)

10:00 a.m.–10:05 a.m. CASE OF THE DAY

Presenting Authors: Travis J. Hillen, MD and Michael V. Friedman, MD

10:05 a.m.–10:30 a.m. Break - Visit the Exhibit Hall

10:30 a.m.–12:30 p.m. TUMOR

Moderators: Laura Fayad, MD, Hakan Ilaslan, MD

10:30 a.m. #20 **CHARACTERIZATION OF PERIPHERAL NERVE SHEATH TUMORS FOR MALIGNANCY: COMBINED VALUE OF FUNCTIONAL AND METABOLIC IMAGING BY MR IMAGING**

Shivani Ahlawat, MD; Shadpour Demehri, MD; Laura Fayad, MD

Johns Hopkins University, Baltimore, MD

(Presented by: Shivani Ahlawat, Johns Hopkins University)

10:40 a.m. #21 **DISTINGUISHING BENIGN AND MALIGNANT PERIPHERAL NERVE SHEATH TUMORS: UTILITY OF THE “TARGET SIGN” BY DIFFUSION WEIGHTED IMAGING**

Shivani Ahlawat, MD; Laura Fayad, MD

Johns Hopkins University, Baltimore, MD

(Presented by: Shivani Ahlawat, Johns Hopkins University)

10:50 a.m. #22 **ACCURACY OF IMAGE-GUIDED PERCUTANEOUS CORE NEEDLE BIOPSY OF PERIPHERAL NERVE SHEATH TUMORS**

Benjamin Levine, MD; Tara Russell, MD; Kambiz Motamedi, MD; Leanne Seeger, MD; Fritz Eilber, MD

David Geffen School of Medicine at UCLA, Los Angeles, CA

(Presented by: Benjamin Levine, David Geffen School of Medicine at UCLA)

11:05 a.m. #23 **IMAGING FEATURES OF JUXTACORTICAL CHONDROMA WITH PATHOLOGIC CORRELATION**

Steven Kong, MD¹; Anthony Zaklama, MD¹; James Jelinek, MD; Eric Walker, MD, MHA²; Mark Murphey, MD¹

¹American Institute for Radiologic Pathology, Silver Spring, MD; ²Penn State Milton S. Hershey Medical Center, Hershey, PA

(Presented by: Steven Kong, American Institute for Radiologic Pathology)

11:20 a.m. #24 **MYELOID SARCOMA - IMAGING CHARACTERISTICS IN MUSCULOSKELETAL SOFT TISSUE**

Thomas Bowden, MD¹; Mark Kransdorf, MD¹; Mark Murphey, MD²; Christopher Beauchamp, MD¹

¹Mayo Clinic Hospital, Phoenix, AZ; ²American Institute for Radiologic Pathology, Silver Spring, MD

(Presented by: Thomas Bowden, Mayo Clinic Hospital)

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11:30 a.m. #25 **CLINICAL FINDINGS AND IMAGING APPEARANCES OF ANGIOMYOMAS**

Tim Dickson, BMed MMed FRANZCR¹; George Koulouris, MD¹; Clinton Pinto, MD; Sharanya Sankaran

¹Melbourne Radiology Clinic, East Melbourne, Australia

(Presented by: Tim Dickson, Melbourne Radiology Clinic)

11:45 a.m. #26 **EVALUATION OF CHONDRROID LESIONS IN THE AXIAL AND FLAT BONES OF APPENDICULAR SKELETON: DO ENCHONDROMAS OCCUR IN THESE LOCATIONS?**

Carl Winalski, MD; Gokhan Gokhan, MD; YAXIA ZHANG, MD, PhD; MURALI SUNDARAM, MD;

Hakan Ilaslan, MD

Cleveland Clinic, Cleveland, OH

(Presented by: Carl Winalski, Cleveland Clinic)

12:00 p.m. #27 IMAGING FEATURES OF MUSCULOSKELETAL LEIOMYOSARCOMA WITH PATHOLOGIC CORRELATION

Steven Kong, MD¹; Anthony Zaklama, MD²; James Jelinek, MD³; Mark Kransdorf, MD⁴; Mark Murphey, MD

¹American Institute for Radiologic Pathology, Silver Spring, MD; ²AIRP/ACR, Silver Spring, MD;

³MedStar Washington Hospital Center, Washington, DC; ⁴Mayo Clinic Hospital, Phoenix, AZ, AZ

(Presented by: Steven Kong, American Institute for Radiologic Pathology)

12:15 p.m. #28 MUSCULOSKELETAL TUMORS DURING PREGNANCY: IMAGING ISSUES

Kara Gaetke-Udager, MD; Jessica Leschied, MB BCH; Yoav Morag, MD; Corrie Yablon, MD
University of Michigan Medical Center, Ann Arbor, MI

(Presented by: Kara Gaetke-Udager, University of Michigan Medical Center)

12:30 p.m.–12:35 p.m. CASE OF THE DAY

Presenting Authors: William Millard, MD and Alexander J. Chien, MD

1:00 p.m.–3:00 p.m. Musculoskeletal Ultrasound Hands-On Workshop/Shoulder*

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** Separate Registration Required*

6:00 p.m.–9:30 p.m. Annual Banquet—Poolside

Tuesday, March 21, 2017

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. FOOT/ANKLE

Moderators: Adam Zoga, MD, Bethany Casagrande, MD

8:00 a.m. #29 NOT ONE OF THE USUAL SUSPECTS: MRI FEATURES OF INSERTIONAL LATERAL CORD PLANTAR FASCIITIS

Hilary Umans, MD¹; Eric Newman, MD²; Elisabeth Elsinger, DPM³; Keith Tobin, MD⁴

¹Albert Einstein College of Medicine, Bronx, NY; ²Jacobi Medical Center, Bronx, NY; ³Albert

Einstein College of Medicine Montefiore Medical Center, Bronx, NY; ⁴Lenox Hill Radiology & Imaging Associates, PC a RadNet Affiliate, New York, NY

(Presented by: Hilary Umans, Albert Einstein College of Medicine)

8:15 a.m. #30 FOLLOW UP MRI OF UNTREATED OR NON-OPERATIVELY TREATED PLANTAR PLATE TEAR

Hilary Umans, MD¹; Joel Wolf, MD²; Elisabeth Elsinger, DPM³

¹Lenox Hill Radiology & Imaging Associates, New York, NY; ²Jacobi Medical Center, Bronx, NY;

³Albert Einstein College of Medicine Montefiore Medical Center, Bronx, NY

(Presented by: Hilary Umans, Lenox Hill Radiology & Imaging Associates)

8:30 a.m. #31 PAINFUL TYPE II NAVICULAR OS: MRI FINDINGS AND CLASSIFICATION

Adam Zoga, MD; Tarek Hegazi, MD; Jeffrey Belair, MD; Johannes Roedl, MD; William Morrison, MD
Thomas Jefferson University Hospital, Philadelphia, PA

(Presented by: Adam Zoga, Thomas Jefferson University Hospital)

8:45 a.m. #32 ASSOCIATION OF MEDIAL ACCESSORY ANKLE MUSCLES WITH TALOCALCANEAL COALITIONS

Erin Alaia, MD; Zehava Rosenberg, MD; Jenny Bencardino, MD; Gina Ciavarrà, MD; Ignacio Rossi, MD; Catherine Petchprapa, MD

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

(Presented by: Erin Alaia, NYU Medical Center/ Hospital for Joint Diseases Langone Medical

Center)

9:00 a.m. #33 **WTF (WHITE TOE FINDING): ANALYSIS OF IDIOPATHIC BONE MARROW EDEMA WITHIN THE DISTAL PHALANGES OF THE TOES ON MRI**

Ian Hayden, MD; William Morrison, MD; Johannes Roedl, MD; Adam Zoga, MD

Thomas Jefferson University Hospital, Philadelphia, PA

(Presented by: Ian Hayden, Thomas Jefferson University Hospital)

9:15 a.m. #34 **APPLICATION OF SIMULTANEOUS MULTI-SLICE (SMS) ACCELERATED TSE TO THE DIABETIC FOOT**

Kenneth Buckwalter, MD, MS, MBA₁; Dingxin Wang, PhD₂; Chen Lin, PhD₁; Robert Choplin, MD₁;

Trenton Roth, MD₁

₁Indiana University, Indianapolis, IN; ₂Siemens Medical Systems, Cleveland, OH

(Presented by: Kenneth Buckwalter, Indiana University)

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9:30 a.m. #35 **XRAY AND MRI OF DIABETIC FOREFOOT OSTEOMYELITIS. REVIEW OF PATHOLOGICALLY PROVEN SURGICALLY TREATED CASES: " MRI SHOWS BETTER, BUT WHEN DOES IT MATTER?"**

Micah Cohen, MD₁; Brett Cerniglia, MD₁; Jay Horrow, MD₂; Tetyana Gorbachova, MD₁

₁Albert Einstein Medical Center, Philadelphia, PA; ₂Drexel University College of Medicine, Philadelphia, PA

(Presented by: Micah Cohen, Albert Einstein Medical Center)

9:45 a.m. #36 **MRI EVALUATION OF CHOPART JOINT INJURY IN THE SETTING OF ACUTE ANKLE INJURY**

William Walter, MD; Erin Alaia, MD; Elisabeth Garwood, MD; Anna Hirschmann, MD; Zehava

Rosenberg, MD

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

(Presented by: William Walter, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)

10:00 a.m.–10:05 a.m. CASE OF THE DAY

Presenting Authors: Charles B. Chism, MD and Nicholas M. Beckmann, MD

10:05 a.m.–10:30 a.m. Break - Visit the Exhibit Hall

10:30 a.m.–12:35 p.m. UPPER EXTREMITY

Moderators: Mike Mulligan, MD, Elaine Gould, MD

10:30 a.m. #37 **ULTRASOUND FOR BRACHIAL PLEXOPATHY: PROSPECTIVE CORRELATION TO MRI, EMG, AND SURGICAL AND CLINICAL FINDINGS**

Ogonna Nwawka, MD; Yoshimi Endo, MD; Theodore Miller, MD

Hospital for Special Surgery, New York, NY

(Presented by: Ogonna Nwawka, Hospital for Special Surgery)

10:40 a.m. #38 **ULTRASOUND FOR PERIPHERAL NEUROPATHY: PROSPECTIVE CORRELATION TO MRI, EMG, AND SURGICAL AND CLINICAL FINDINGS**

Ogonna Nwawka, MD; Yoshimi Endo, MD; Theodore Miller, MD

Hospital for Special Surgery, New York, NY

(Presented by: Ogonna Nwawka, Hospital for Special Surgery)

10:50 a.m. #39 **ADHESIVE CAPSULITIS: ASSOCIATION OF MRI FINDINGS AND THE CLINICAL ORTHOPEDIC EXAM**

Corey Ho, MD; Elaine Gould, MD, FACR; Mingqian Huang, MD; Marie Badalamente, PhD; Jie Yang,

PhD; Donglei Yin, MS

Stony Brook University Medical Center HSC, Stony Brook, NY

(Presented by: Corey Ho, Stony Brook University Medical Center HSC)

11:00 a.m. #40 **SWIMMER'S SHOULDER: MRI FINDINGS OF ROTATOR CUFF ABNORMALITIES IN YOUNG COMPETITIVE SWIMMERS**

Hakan Ilaslan, MD₁; Michael Recht, MD₂

₁Cleveland Clinic, Cleveland, OH; ₂NYU Medical Center/ Hospital for Joint Diseases Langone

Medical Center, New York, OH

(Presented by: Hakan Ilaslan, Cleveland Clinic)

11:10 a.m. #41 **DIAGNOSIS OF SUPERIOR GLENOID LABRAL TEARS USING MRI AND MRA: A SYSTEMATIC REVIEW AND META-ANALYSIS**

John Symanski, MD; James Babb, PhD; Soterios Gyftopoulos, MD, MSN

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

(Presented by: John Symanski, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)

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11:25 a.m. #42 **LONG HEAD OF BICEPS TENDINOPATHY: MR IMAGING, ARTHROSCOPIC AND HISTOPATHOLOGIC CORRELATION**

Scott Mahanty, MD; Christopher Burke, MD; Syed Hoda, MD; Laith Jazrawi, MD; Hien Pham, MD

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

(Presented by: Scott Mahanty, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)

11:35 a.m. #43 **MRI AFTER SHOULDER ULTRASOUND FOR THE PATIENT SUSPECTED OF A ROTATOR CUFF TEAR: ONE INSTITUTION'S EXPERIENCE**

Vivek Joshi, MD; Soterios Gyftopoulos, MD, NYU MSK Program Director

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

(Presented by: Vivek Joshi, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)

11:45 a.m. #44 **COST-EFFECTIVENESS OF MRI VERSUS ULTRASOUND FOR THE DETECTION OF FULL-THICKNESS ROTATOR CUFF TENDON TEARS**

Soterios Gyftopoulos, MD, Masters in Science¹; Kip Guja, PhD²; Mandeep Virk, MD¹; Naveen Subhas, MD³

¹NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY; ²Stony Brook University Medical Center HSC, Stony Brook, NY; ³Cleveland Clinic, Cleveland, OH

(Presented by: Soterios Gyftopoulos, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)

(Presented by: Soterios Gyftopoulos, NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center)

12:00 p.m. #45 **ULTRASOUND ASSESSMENT OF THE POSTEROLATERAL ELBOW ULNOHUMERAL GAP IN NORMAL SUBJECTS**

Nicola Robertson, MBBS, MRCS, FRCR; Kevin Murphy; Mathilde Hupin; Tom Aimes; Tom Goetz;

Darra Murphy

St Paul's Hospital, Vancouver, Canada

(Presented by: Nicola Robertson, St Paul's Hospital)

12:10 p.m. #46 **LITTLE LEAGUER'S ELBOW: SPECTRUM OF MR IMAGING FINDINGS AND APPROACH TO CLASSIFYING MEDIAL EPICONDYLAR APOPHYSEAL INJURIES IN THE SKELETALLY IMMATURE PATIENTS**

Jordan Gold, MD¹; George Watts, V, MD¹; Ian Hayden, MD¹; Tarek Hegazi, MD²; Roedl Johannes,

MD¹; William Morrison, MD¹; Adam Zoga, MD¹

¹Thomas Jefferson University Hospital, Philadelphia, PA; ²Beth Israel Deaconess Medical Center

Harvard Med School, Boston, MA

(Presented by: Jordan Gold, Thomas Jefferson University Hospital)

12:20 p.m. #47 **ULNAR COLLATERAL LIGAMENT INJURIES IN PEDIATRIC OVERHEAD ATHLETES: CAN MRI PREDICT SYMPTOMS OR NEED FOR SURGERY?**

Tony Wong, MD; Dana Lin, MD; Jonathan Kazam, MD

Columbia-Presbyterian Medical Center, New York, NY

(Presented by: Tony Wong, Columbia-Presbyterian Medical Center)

12:35 p.m.–12:40 p.m. CASE OF THE DAY

Presenting Authors: Nathan A. Daley, MD and Hillary W. Garner, MD

Wednesday, March 22, 2017

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.–10:30 a.m. Exhibit Hall Open

7:00 a.m.–10:30 p.m. ePoster Session

8:00 a.m.–9:55 a.m. KNEE

Moderators: Naveen Subhas, MD, Ken Buckwalter, MD

8:00 a.m. #48 **KNEE MRI ORDERING PRACTICES FOR ATRAUMATIC KNEE PAIN IN A LARGE PUBLIC URBAN HOSPITAL: DISCORDANCE WITH ACR APPROPRIATENESS CRITERIA AND ITS EFFECT ON CARE PROVIDED**

Felix Gonzalez, MD₁; Monica Umpierrez, MD₂; James Kerchberger, MD₂; Yara Younan, MD₂; Aparna Kakarala, MD₂; Kyle Hammond, MD₂; Douglas Roberston, MD, PhD₂

₁MedStar Medical Radiology Group; ₂Emory University Dept. of Radiology, MSK Division, Atlanta, GA

(Presented by: Felix Gonzalez, MedStar Medical Radiology Group)

8:20 a.m. #49 **A 5 MINUTE KNEE MRI. IS IT GOOD ENOUGH?**

Naveen Subhas, MD₁; Alexander Benedick, BS₂; Soterios Gytopoulos, MD₃; Joshua Polster, MD₁; Luis Beltran, MD₃; I-Yuan Chang, MD₁; Christopher Burke, MBBCH₃; Elisabeth Garwood, MD₃; Jean Schils, MD₁; Erin Alaia, MD₃

₁Cleveland Clinic, Cleveland, OH; ₂Case Western Reserve University, Cleveland, OH; ₃NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY

(Presented by: Naveen Subhas, Cleveland Clinic)

8:35 a.m. #50 **RELIABILITY OF MENISCUS TEAR DESCRIPTION: A PILOT STUDY COMPARING TWO READERS USING MRI FROM THE OSTEOARTHRITIS INITIATIVE**

Kevin Hoover, MD, PhD; Curtis Hayes, MD; Daniel Riddle, PhD, P.T. Virginia Commonwealth University Medical Center, Richmond, VA

(Presented by: Kevin Hoover, Virginia Commonwealth University Medical Center)

8:55 a.m. #51 **THE MENISCAL COMMA SIGN: CHARACTERIZATION AND TREATMENT OF A DISPLACED MENISCAL FRAGMENT IN THE MENISCOTIBIAL RECESS**

Adam Zoga, MD₁; Sandra Rutigliano, MD₂; Johannes Roedl, MD₁; William Morrison, MD₁

₁Thomas Jefferson University Hospital, Philadelphia, PA; ₂Hospital of University of Pennsylvania, Philadelphia, PA

(Presented by: Adam Zoga, Thomas Jefferson University Hospital)

9:10 a.m. #52 **THE ANTEROLATERAL LIGAMENT: DOES AN UNADDRESSED INJURY RESULT IN EARLY ACL RECONSTRUCTION FAILURE?**

Pooja Sheth, MD₁; James Carr, MD₁; Baris Yildirim, MD₁; Dustin Richter, MD₂; Brian Etier, MD₁; Jennifer Pierce, MD₁

₁University of Virginia, Charlottesville; ₂University of New Mexico, Albuquerque

(Presented by: Pooja Sheth, University of Virginia)

9:25 a.m. #53 **CAN BONE MARROW EDEMA PREDICT KNEE SUBCHONDROPLASTY OUTCOME?**

Christopher Taylor, MD; Bethany Casagrande, DO; Jason Long, MD; Sam Akhavan, MD Allegheny General Hospital, Pittsburgh, PA

(Presented by: Christopher Taylor, Allegheny General Hospital)

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9:40 a.m. #54 **T2-RELAXATION TIME MAPPING OF CARTILAGE OVERLYING JUVENILE OSTEOCHONDritis DESSECANS OF THE KNEE**

Jie Nguyen, MD, MS; Richard Kijowski, MD; Liu Fang, MS
University of Wisconsin Hospital & Clinics, Madison, WI
(Presented by: Jie Nguyen, University of Wisconsin Hospital & Clinics)

9:55 a.m.–10:00 a.m. CASE OF THE DAY

Presenting Authors: Mark J. Kransdorf, MD and Kevin W. Taylor, MD

10:00 a.m.–10:25 a.m. Break - Visit the Exhibit Hall

10:25 a.m.–12:25 p.m. TECHNICAL/INTERVENTION

Moderators: Bonner Guilford, MD, Jim Wu, MD

10:25 a.m. #55 CAN A 3D “PSEUDO-CT” MRI SEQUENCE REPLACE THE NEED FOR CT FOR PREOPERATIVE PLANNING IN PATIENTS WITH FEMORO-ACETABULAR IMPINGEMENT?

Albair Guirguis, MD¹; Joshua Polster, MD¹; James Rosneck, MD¹; Soterios Gyptopolous²; Kavitha Yaddanapudi, MD³; Naveen Subhas, MD¹

¹Cleveland Clinic Foundation, Cleveland, OH; ²Cleveland Clinic, Cleveland, OH; ³Stony Brook University Medical Center HSC, Stony Brook, NY

(Presented by: Albair Guirguis, Cleveland Clinic Foundation)

10:40 a.m. #56 DELAYED GADOLINIUM ENHANCED MR IMAGING OF CARTILAGE (DGEMRIC) IN THE PEDIATRIC AND ADULT HIP: 2 YEAR RETROSPECTIVE REVIEW. PART I- QUANTITATIVE ANALYSIS: COMPARISON OF 1.5T 2D VS 3.0T 3D IMAGING USING SINGLE DOSE IV GADOBENATE DIMEGLUMINE (MULTIHANCE) CONTRAST MATERIAL.

Kelley Marshall, MD^{1,2}; Kiery Braithwaite, MD^{1,2}; Nabile Safdar, MD¹; Naseem Shakir, MD³; Lindsey Collier⁴; Danielle Ballard⁴; Grant Marshall⁵; Timothy Schrader, MD^{2,6}; Samuel Willamon, MD^{2,6}; Nicholas Fletcher, MD¹; Jack Knight-Scott, PhD¹; Curtis Travers, MPH

¹Emory University, Atlanta, GA; ²Children's Healthcare of Atlanta at Egleston, Atlanta, GA; ³Integrated Imaging Consultants, LLC, Park Ridge, IL; ⁴Georgia Campus Philadelphia College of Osteopathic Medicine, Atlanta, GA; ⁵Wesleyan School, Atlanta, GA; ⁶Children's Orthopaedics of Atlanta, Atlanta, GA

(Presented by: Kelley Marshall, Emory University, Department of Radiology and Imaging Sciences, Pediatric Division; Children's Healthcare of Atlanta at Egleston)

10:55 a.m. #57 QUANTITATIVE CHEMICAL SHIFT IMAGING WITH IN-PHASE AND OPPOSED-PHASE SEQUENCES AT 3T: WHAT IS THE OPTIMAL THRESHOLD AND MEASUREMENT METHOD FOR CHARACTERIZING MARROW SIGNAL ABNORMALITIES?

Laura Fayad, MD, MS; Neil Kumar, MD; Shivani Ahlawat, MD

Johns Hopkins University, Baltimore, MD

(Presented by: Laura Fayad, Johns Hopkins University)

11:10 a.m. #58 MAGNETIC RESONANCE IMAGING OF NERVES AROUND METALLIC HARDWARE: CHALLENGES, PITFALLS, AND OPTIMIZATION TECHNIQUES

Vivek Kalia, MD, MPH¹; Lim Yeong, MBBS²; John Carrino, MD, MPH¹; Darryl Sneag, MD¹

¹Hospital for Special Surgery, New York, NY; ²Singapore General Hospital, Singapore, Singapore

(Presented by: Vivek Kalia, Hospital for Special Surgery)

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11:25 a.m. #59 DIRECT HIGH-CONTRAST MR IMAGING OF LAMELLAR BONE USING 3D INVERSION RECOVERY PREPARED ULTRASHORT ECHO TIME WITH CONES TRAJECTORY (IR-UTE-CONES)

Eric Chang, MD¹; Amin Nazaran, PhD¹; Ya-Jun Ma, PhD¹; Justin West, MD²; Heinz Hoenecke, MD²; Jiang Du, PhD¹

¹University of California, San Diego & Veterans Affairs Med Center, SD, San Diego, CA; ²Scripps Healthcare, San Diego, CA

(Presented by: Eric Chang, University of California, San Diego & Veterans Affairs Med Center, SD)

11:40 a.m. #60 EXAMINING THE SAFETY OF OMITTING ROUTINE COAGULATION BLOOD TESTING PRIOR TO IMAGE GUIDED MUSCULOSKELETAL BIOPSY

Jim Wu, MD; Yuri Shif, MD; Colm McMahon, MD; Jennifer Mhuircheartaigh, MD; Justin Kung, MD
Beth Israel Deaconess Medical Center Harvard Med School, Boston, MA

(Presented by: Jim Wu, Beth Israel Deaconess Medical Center Harvard Med School)

11:55 a.m. #61 **DIAGNOSTIC YIELD OF PERCUTANEOUS CT-GUIDED SACROILIAC JOINT SAMPLING FOR INFECTION**

Connie Chang, MD; David Knipp, MD; F. Simeone, MD; Ambrose Huang, MD

Mass General Hospital, Boston, MA

(Presented by: Connie Chang, Mass General Hospital)

12:10 p.m. #62 **PLATELET RICH PLASMA VS KENALOG INJECTION FOR HIP OSTEOARTHRITIS: IS THIS THE NEW DAWN OF BIOLOGICS?**

Manickam Kumaravel, MD; William Weathers, MD

Memorial Hermann Hospital - Texas Medical Center/ University of Texas HSC at Houston,
Houston, TX

(Presented by: Manickam Kumaravel, Memorial Hermann Hospital - Texas Medical Center/
University of Texas HSC at Houston)