

Sunday, March 13 2016

9:00 a.m.–10:20 a.m. GENERAL

Moderators: Richard Daffner, MD; Josh Polster, MD

9:00 a.m. #1 UTILIZATION RATES OF LOCALIZER SCOUT IMAGES BY MUSCULOSKELETAL RADIOLOGISTS

WHEN INTERPRETING MR AND CT STUDIES: A SURVEY AND ITS POTENTIAL IMPORTANCE

Andrew Sonin, MD

Radiology Imaging Associates, Highlands Ranch, CO

(Presented by: Andrew Sonin, MD)

9:15 a.m. #2 PERIPHERAL NERVE IMAGING: CORRELATION OF HIGH RESOLUTION ULTRASOUND AND MRI FINDINGS

Swati Deshmukh, MD; Ogonna Nwawka, MD; Yoshimi Endo, MD

Hospital for Special Surgery, New York, NY

(Presented by: Swati Deshmukh, MD)

9:35 a.m. #3 CROSSFIT INJURIES AND MANAGEMENT AT A LARGE ACADEMIC MEDICAL CENTER

Jeremy Katz, MD; Joanna Costello, MD; Albert Lin, MD; Juan Giugale, MD; Carol Andrews, MD

University of Pittsburgh Medical Center, Pittsburgh, PA

(Presented by: Jeremy Katz, MD)

9:50 a.m. #4 THE ADEQUACY OF PATIENT HISTORY ON CLINICIAN REFERRALS AND QUESTIONNAIRES FOR MUSCULOSKELETAL MRI

Derik Davis, MD¹; Michael Mulligan, MD¹; Arie Moszkowicz, MD²; Charles Resnik, MD¹

¹University of Maryland School of Medicine, Baltimore, MD; ²El Paso, TX

(Presented by: Derik Davis, MD)

10:05 a.m. #5 ARE WE "HACKING" IT? - EVIDENTIAL VALUE AND SELECTION BIAS IN THE MUSCULOSKELETAL RADIOLOGY LITERATURE

Marcus Kater, MD¹; Daniel Wessell, MD, PhD¹; Duane Schonlau, MD¹; Jeffrey Peterson, MD¹;

Garner Hillary, MD¹; Joesph Bestice, MD²

¹Mayo Clinic Florida, Jacksonville, FL; ²Mayo Clinic Hospital, Jacksonville, FL

(Presented by: Marcus Kater, MD)

10:20 a.m.–10:25 a.m. CASE OF THE DAY

Presenting Authors: Travis Langley, MD and Abhi Datir, MD

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

Monday, March 14 2016

8:00 a.m.–10:00 a.m. LOWER EXTREMITY

Moderators: Ted Miller, MD; Adam Zoga, MD

8:00 a.m. #11 MRI CHARACTERISTICS OF TORN AND UNTORN POST-OPERATIVE MENISCI

Adam Williams, MD; Richard Kijowski, MD; Humberto Rosas, MD

University of Wisconsin Hospital & Clinics, Madison, WI

(Presented by: Adam Williams, MD)

8:15 a.m. #12 IS THERE A ROLE OF ILIOPSOAS TENDON ANATOMY IN DETERMINING EFFICACY OF SURGICAL

RELEASE FOR CENTRAL ILIOPSOAS IMPINGEMENT?

Scott Sheehan, MD, MS; Donna Blankenbaker, MD; Tony Yu, BS

University of Wisconsin Hospital & Clinics, Madison, WI

(Presented by: Scott Sheehan, MD, MS)

8:30 a.m. #13 **IMAGING FEATURES OF IBALANCE, NEW HIGH TIBIAL OSTEOTOMY:WHAT THE RADIOLOGIST NEEDS TO KNOW**

Erin FitzGerald, MD¹; Michael Alaia, MD¹; Christopher Burke, MBBS¹; Eric Strauss, MD¹; Robert Meislin, MD¹; Gina Ciavarra, MD¹; Ignacio Rossi, MD¹; Zehava Rosenberg, MD¹; Soterios Gyftopoulos, MD

¹NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY
(Presented by: Erin FitzGerald, MD)

8:45 a.m. #14 **DTI CAN DETECT EARLY CARTILAGE DEGENERATION FOLLOWING INJURY: VALIDATION IN A CLINICAL SETTING WITH A BIOMECHANICS INJURY MODEL**

Uran Ferizi, PhD; Ignacio Rossi, MD; Matin Lendhey; You Jin Lee, PhD; Thorsten Kirsch, PhD; Oran Kennedy, PhD; Jenny Bencardino, MD; Jose Raya, PhD

NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY
(Presented by: Uran Ferizi, PhD)

9:00 a.m. #15 **3D TSE IMAGING USING SPARSE-SENSE ACCELERATION: COMPARISON WITH CONVENTIONAL 2D TSE IMAGING FOR DETECTION OF INTERNAL DERANGEMENT OF THE KNEE**

Michael Recht, MD¹; Ricardo Otazo, PhD¹; leon Rybak, MD¹; soterios gyftopoulos, MD¹; catherine Petchprapa, MD¹; mary Bruno, MD¹; Christian Geppert, PhD²; Esther Raithel, PhD²

¹NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY;
²Erlangen, Germany
(Presented by: Michael Recht, MD)

9:15 a.m. #16 **DEGENERATION OF THE POSTERIOR MEDIAL CAPSULAR COMPLEX: AN UNDER-DIAGNOSED CONDITION?**

Tarun Pandey, MD, FRCR; Vibhor Wadhwa, MBBS; Shelly Lensing, BA; Roopa Ram, MBBS; Sindhura Alapati, MD; Kedar Jambhekar, MD

University of Arkansas for Medical Sciences, Little Rock, AR
(Presented by: Tarun Pandey, MD, FRCR)

9:30 a.m. #17 **MEDIAL MENISCAL EXTRUSION ON WEIGHT-BEARING ULTRASOUND**

Sandra Rutigliano, MD¹; William Morrison, MD²; Suzanne Long, MD²; Adam Zoga, MD²; Johannes Roedl, MD, PhD²

¹Jefferson Radiology Musculoskeletal Radiology Fellowship, Philadelphia, PA; ²Thomas Jefferson University Hospital, Philadelphia, PA

(Presented by: Sandra Rutigliano, MD)

9:45 a.m. #18 **MRI ASSESSMENT OF TIBIAL TUBERCLE LATERALIZATION: A COMPARISON OF FOUR DIFFERENT LANDMARKS**

Pushpender Gupta, MBBS; Jason Andersen, MD; Leon Lenchik, MD; Maha Torabi, MD; Cristin Ferguson, MD

Wake Forest University School of Medicine, Winston Salem, NC
(Presented by: Pushpender Gupta, MBBS)

10:00 a.m.–10:05 a.m. CASE OF THE DAY

Presenting Authors: Ramya Srinivasan, MD and Lynne Steinbach, MD

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

10:30 a.m.–12:30 p.m. TUMOR

Moderators: Louis Beltran, MD; Mini Pathria, MD

10:30 a.m. #19 **IMAGING OF LOW-GRADE FIBROMYXOID SARCOMA (EVANS TUMOR) WITH PATHOLOGIC CORRELATION**

Agustinus Suhardja, MD¹; Mark Murphey, MD¹; James Jelinek, MD²; Mark Kransdorf, MD³; Alejandro Luina Contreras, MD⁴

¹American Institute for Radiologic Pathology, Silver Spring, MD; ²Medstar Washington Hospital Center, Washington, DC; ³Mayo Clinic, Phoenix, AZ; ⁴The Joint Pathology Center, Silver Spring, MD

(Presented by: Agustinus Suhardja, MD)

10:45 a.m. #20 **IMAGING OF CHONDROBLASTIC OSTEOSARCOMA WITH PATHOLOGIC CORRELATION**

Lien Senchak, MD¹; Agustinus Suhardja, MD¹; James Jelinek, MD²; Mark Kransdorf, MD³; Alejandro Luina Contreras, MD⁴

¹American Institute for Radiologic Pathology, Silver Spring, MD; ²Medstar Washington Hospital Center, Washington, DC; ³Mayo Clinic, Phoenix, AZ; ⁴The Joint Pathology Center, Silver Spring, MD

(Presented by: Lien Senchak, MD)

11:00 a.m. #21 **QUANTITATIVE CT DENSITY EVALUATION OF OSSEOUS METASTASES FOLLOWING CHEMOTHERAPY**

Connie Chang, MD; F. Simeone, MD; Martin Torriani, MD; Miriam Bredella, MD
Mass General Hospital, Boston, MA

(Presented by: Connie Chang, MD)

11:15 a.m. #22 **MR IMAGING CHARACTERISTICS ASSOCIATED WITH HIGH-GRADE MYXOID LIPOSARCOMAS.**

Lana Gimber, MD, MPH¹; Elizabeth Montgomery, MD²; Carol Morris, MD, MS²; Shivani Ahlawat, MD²; Laura Fayad, MD²

¹University of Arizona HCS - Tucson, Tucson, AZ; ²Johns Hopkins University, Baltimore, MD

(Presented by: Lana Gimber, MD, MPH)

11:30 a.m. #23 **IMAGING OF UNUSUAL COMPLICATIONS OF NON-OSSIFYING FIBROMA**

Mark Murphey, MD¹; Agustinus Suhardja, MD¹; Lien Senchak, MD²; Eric Walker, MD³; Julie Fanburg-Smith, MD⁴; Mark Kransdorf, MD⁵

¹American Institute for Radiologic Pathology, Silver Spring, MD; ²Walter Reed National Military Medical Center, Bethesda, MD; ³Penn State Milton S. Hershey Medical Center, Hershey, PA; ⁴Integrated Cellular and Molecular Diagnostics, Greenbelt, MD; ⁵Mayo Clinic, Scottsdale, AZ

(Presented by: Mark Murphey, MD)

11:45 a.m. #24 **UTILITY OF WHOLE BODY PET-MRI USING FDG, NAF AND DWI IN EVALUATING METASTATIC AND PRIMARY BONE MALIGNANCIES.**

Luis Beltran, MD; Fabio Ponzo, MD

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

(Presented by: Luis Beltran, MD)

12:00 p.m. #25 **MRI MAY BE USED AS A PROGNOSTIC INDICATOR IN PATIENTS WITH EXTRA-ABDOMINAL DESMOID TUMORS**

Behrang Amini, MD, PhD¹; Firouzeh Arjmandi, MD¹; Wei-Lien Wang, MD¹; B. Ashleigh Guadagnolo, MD¹; Patricia Fox, M.S.¹; Valerae Lewis, MD¹; Alexander Lazar, MD¹; Anthony Conley, MD¹; Vinod Ravi¹; Mohammad Toliyat, MD²; Brian Hobbs, PhD¹

¹The University of Texas M.D. Anderson Cancer Center, Houston, TX; ²University of Texas Southwestern Medical Center at Dallas, Dallas, TX

(Presented by: Behrang Amini, MD, PhD)

12:15 p.m. #26 **MRI FEATURES ASSOCIATED WITH RESIDUAL TUMOR FOLLOWING UNPLANNED EXCISION OF SOFT TISSUE SARCOMAS.**

Ty Subhawong, MD; Lee Wang, MD; Lydia Chelala, MD; Xuan Yang, MPH, MHS; Juan Pretell, MD; Jean Jose, DO

University of Miami Miller School of Medicine, Miami, FL

(Presented by: Ty Subhawong, MD)

12:30 p.m.–12:35 p.m. CASE OF THE DAY

Presenting Author: Ken Schreibman

1:00 p.m.–3:00 p.m. *Musculoskeletal Ultrasound Hands-On Workshop: Wrist, Hand And Upper Extremities

See Page 13

**Separate Registration Required*

6:00 p.m.–9:30 p.m. Annual Banquet– SSR Parade To Bourbon Vieux

Tuesday March 15 2016

8:00 a.m.–10:00 a.m. ANKLE/FOOT

Moderators: Mihra Taljanovic, MD; Hilary Umans, MD

8:00 a.m. #27 ULTRASOUND OF THE GRUBERI BURSA WITH CADAVERIC AND MR IMAGING CORRELATION

Kara Gaetke-Udager, MD¹; Jon Jacobson, MD¹; Zeeshaan Bhatti, MD¹; Jay Smith, MD²; Aishwarya Parameswaran, MS¹; David Fessell, MD¹

¹University of Michigan Medical Center, Ann Arbor, MI; ²Mayo Clinic, Rochester, MN

(Presented by: Kara Gaetke-Udager, MD)

8:15 a.m. #28 PLANTAR TALAR HEAD CONTUSIONS AND OSTEOCHONDRAL FRACTURES: ASSOCIATED

FINDINGS ON ANKLE MRI AND PROPOSED MECHANISM OF INJURY.

Tetyana Gorbachova, MD¹; Peter Wang, MD¹; Bing Hu, MD¹; Jay Horrow, MD, MS, FACC²

¹Einstein Medical Center, Philadelphia, PA; ²Drexel University, Philadelphia, PA

(Presented by: Tetyana Gorbachova, MD)

8:30 a.m. #29 ASSOCIATION OF TARSAL TUNNEL DISEASE WITH MEDIAL HINDFOOT COALITIONS

Erin FitzGerald, MD; Catherine Petchprapa, MD; Zehava Rosenberg, MD; Jenny Bencardino, MD;

Ignacio Rossi, MD; Gina Ciavarra, MD

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

(Presented by: Erin FitzGerald, MD)

8:45 a.m. #30 ULTRASOUND EVALUATION OF MORTON'S NEUROMA PRIOR TO AND FOLLOWING LASER THERAPY

Mihra Taljanovic, MD, PhD, FACR¹; David Melville, MD; Matthew Del Giudice, MD²; Darin Bocian, DPM³; Elizabeth Krupinski, PhD⁴

¹University of Arizona HCS - Tucson, Tucson, AZ; ²EVDI, Phoenix, AZ; ³Darin Bocian Podiatric Medicine and Surgery, Tucson, AZ; ⁴Emory University, Atlanta, GA

(Presented by: Mihra Taljanovic, MD, PhD, FACR)

9:00 a.m. #31 IN VIVO ULTRASOUND TENSION ELASTOGRAPHY DIFFERENTIATES HEALTHY FROM DISEASED

POSTERIOR TIBIALIS TENDONS

Mihra Taljanovic, MD, PhD; Daniel Latt, MD, PhD; Liang Gao, PhD; Russell Witte, PhD

University of Arizona HCS - Tucson, Tucson, AZ

(Presented by: Mihra Taljanovic, MD, PhD)

9:15 a.m. #32 CORRELATION WITH DIABETIC FOOT MRI INTERPRETATIONS WITH TREATMENT AND OUTCOMES

Dennis Duryea, DO; Stephanie Bernard, MD; Cristy Gustas, MD; Jonelle Thomas, MD; Eric Walker, MD; Pamela Brian, MD; Timothy Mosher, MD; Donald Flemming, MD

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

(Presented by: Dennis Duryea, DO)

9:30 a.m. #33 BONE AND JOINT MODELING FROM 3D ANKLE MRI: FEASIBILITY AND COMPARISON WITH

RADIOGRAPHS AND 2D MRI

Shaun Nordeck, MSRS, RRA; Conrad Koerper, BS; Aaron Adler, BS; Yin Xi, PhD; George Liu, DPM;
Avneesh Chhabra, MD

University of Texas Southwestern Medical Center at Dallas, Dallas, TX

(Presented by: Shaun Nordeck, MSRS, RRA)

9:45 a.m. #34 RADIOGRAPHY HAS LIMITED SENSITIVITY FOR DIAGNOSING ACUTE MIDFOOT FRACTURES

Renata Almeida, MD; Mohammad Mansouri, MD; Ajay Singh, MD; Michael Lev, MD; Efren Flores,
MD

Mass General Hospital, Boston, MA

(Presented by: Renata Almeida, MD)

10:00 a.m.–10:05 a.m. CASE OF THE DAY

Presenting Authors: Garry Roper, MD and Spencer Schivers, MD

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

10:30 a.m.–12:30 p.m. UPPER EXTREMITY

Moderators: Soterios Gyftopoulos, MD; Naveen Subhas, MD

10:30 a.m. #49 ACCURACY OF THE MRI DIAGNOSIS OF ADHESIVE CAPSULITIS IN AN ACADEMIC MUSCULOSKELETAL RADIOLOGY DIVISION

Erin FitzGerald, MD; Michael Alaia, MD; James Babb, PhD; Soterios Gyftopoulos, MD

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

(Presented by: Erin FitzGerald, MD)

10:45 a.m. #50 CLINICAL UTILITY OF SHOULDER IMAGING IN THE OUTPATIENT SETTING: A PILOT STUDY

Soterios Gyftopoulos, MD; Elisabeth Garwood, MD; James Babb, PhD; Leora Horwitz, MD;
Michael Recht, MD

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

(Presented by: Soterios Gyftopoulos, MD)

11:00 a.m. #51 IMAGING FEATURES OF GLENOID BARE AREA IN A PEDIATRIC POPULATION

Sahlya Djebbar, MD; zehava Rosenberg, MD; Ignacio Rossi, MD; christopher agten, MD; erin
fitzgerald, MD

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

(Presented by: Sahlya Djebbar, MD)

11:15 a.m. #52 SKELETAL MATURATION AND STRESS INJURY OF THE GROWTH PLATE AT THE BASE OF THE CORACOID PROCESS: MRI FEATURES

Erin FitzGerald, MD¹; Zehava Rosenberg, MD¹; Ignacio Rossi, MD¹; Johannes Roedl, MD, PhD²;

Lynne Pinkney, MD¹; Lynne Steinbach, MD³; Soterios Gyftopoulos, MD

¹NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY;

²Thomas Jefferson University Hospital, Philadelphia, PA; ³University of California, San Francisco,

Musculoskeletal Imaging Fellowship, SanSan Francisco, CA

(Presented by: Erin FitzGerald, MD)

11:30 a.m. #53 PREVALENCE OF HUMERAL HEAD CYSTS AND PSEUDO-HILL SACHS LESIONS IN OVERHEAD

THROWING ATHLETES WITH GIRD AND INTERNAL IMPINGEMENT

Andrew Ross, MD, MPH; Michael Tuite, MD

University of Wisconsin Hospital & Clinics, Madison, WI

(Presented by: Andrew Ross, MD, MPH)

11:45 a.m. #54 COMBINED MR ARTHOGRAPHY AND ULTRASOUND APPROACH IN IMAGING OF MEDIAL ELBOW

PAIN IN BASEBALL PLAYERS.

Johannes Roedl, MD, PhD¹; Mika Nevalainen, MD¹; William Morrison, MD¹; Adam Zoga, MD¹;

Felix Gonzalez, MD²

¹Thomas Jefferson University Hospital, Philadelphia, PA; ²MedStar Washington Hospital Center,

Washington DC, DC

(Presented by: Johannes Roedl, MD, PhD)

12:00 a.m. #55 **HORRIBLE BOSSES: PATTERNS OF MRI FINDINGS AT THE CARPAL BOSS AND THE EXTENSOR**

CARPI RADIALIS BREVIS TENDON INSERTION IN PATIENTS WITH ACTIVITY RELATED DORSAL HAND PAIN

Adam Zoga, MD; Mika Nevalainen, MD; Pranshu Sharma, MD; Johannes Roedl, MD; William Morrison, MD

Thomas Jefferson University Hospital, Philadelphia, PA

(Presented by: Adam Zoga, MD)

12:15 p.m. #56 **MR IMAGING FEATURES OF RETROCLAVICULAR AND PERISCAPULAR INTERMUSCULAR VASCULAR PLEXI.**

Shivani Ahlawat, MD; Filippo del Grande, MD; Laura Fayad, MD

Johns Hopkins University, Baltimore, MD

(Presented by: Shivani Ahlawat, MD)

12:35 p.m.–12:40 p.m. CASE OF THE DAY

Presenting Authors: Hannah Kim, MD and Kambiz Motamedi

WEDNESDAY, MARCH 16 2016

8:00 a.m.–9:55 a.m. OUTCOMES

Moderators: Kirk Davis, MD; Dan Wessell, MD

8:00 a.m. #42 **TENEX ULTRASOUND GUIDED PERCUTANEOUS TENOTOMY FOR THE TREATMENT OF CHRONIC**

LATERAL EPICONDYLITIS: EARLY IMPLEMENTATION OF THIS EMERGING THERAPY

David Matthews, MD; Dylan Deal, MD; Michael Fox, MD; Nicolas Nacey, MD; Jennifer Pierce, MD

University of Virginia, Charlottesville, VA

(Presented by: David Matthews, MD)

8:15 a.m. #43 **DIAGNOSTIC ACCURACY OF MR IMAGING IN PREDICTING SEVERITY OF LOWER EXTREMITY**

PERIPHERAL NERVE INJURY

Shivani Ahlawat, MD; Allan Belzberg, MD; Laura Fayad, MD

Johns Hopkins University, Baltimore, MD

(Presented by: Shivani Ahlawat, MD)

8:35 a.m. #44 **CT GUIDED PERCUTANEOUS BIOPSY OF SCLEROTIC BONE LESIONS: DIAGNOSTIC ACCURACY**

AND COMPLICATIONS.

I-Yuan Chang, MD; Jean Schils, MD; Naveen Subhas, MD; Murali Sundaram, MD

Cleveland Clinic, Cleveland, OH

(Presented by: I-Yuan Chang, MD)

8:50 a.m. #45 **CT OF HIP FRACTURE PATIENTS: CAN MUSCLE SIZE & ATTENUATION PREDICT CLINICAL**

OUTCOMES?

Robert Boutin, MD¹; Sara Bamrungchart, MD¹; Cyrus Bateni, MD¹; Kristen Beavers, PhD²; Daniel

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, MD)

9:05 a.m. #46 **PATTERNS OF DISEASE PROGRESSION IN SIFK, THE NEW SONK, BY MRI: GRADING AND**

CLINICAL IMPLICATIONS

Felix Gonzalez, MD; Johannes Roedl, MD, PhD; William Morrison, MD; Adam Zoga, MD

Thomas Jefferson University Hospital, Philadelphia, PA

(Presented by: Felix Gonzalez, MD)

9:20 a.m. #47 **US-GUIDED BAKER'S CYST ASPIRATION WITH CORTICOSTEROID INJECTION: A "DO NOT TOUCH" LESION?**

Kenneth Lee, MD; Jonathan Tresley, MD; John Wilson, MD
University of Wisconsin Hospital & Clinics, Madison, WI

(Presented by: Kenneth Lee, MD)

9:40 a.m. #48 **PRIMARY LABRAL REPAIR: EVOLUTION OF MAGNETIC RESONANCE IMAGING FINDINGS IN THE POSTOPERATIVE LABRUM**

Megan Mills, MD¹; MK Jesse, MD¹; Colin Strickland, MD²; Peter Lowry, MD¹; Omer Mei-Dan, MD¹; Kimberly Lind, MPH²

¹University of Colorado Denver, Denver, CO; ²University of Colorado Denver, Aurora, CO

(Presented by: Megan Mills, MD)

9:55 a.m.–10:00 a.m. CASE OF THE DAY

Presenting Author: Cynthia Britton, MD

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

10:25 a.m.–12:30 p.m. TECHNICAL

Moderators: Eric Bogner, MD; Eric Brandser, MD

10:25 a.m. #35 **UTILITY OF 3D PRINT MODELS FOR PRE-OPERATIVE PLANNING IN FEMOROACETABULAR IMPINGEMENT**

Tony Wong, MD; T. Sean Lynch, MD; Charles Popkin, MD; Jonathan Kazam, MD
Columbia-Presbyterian Medical Center, New York, NY

(Presented by: Tony Wong, MD)

10:45 a.m. #36 **T2/T2* MAPS AND ULTRASOUND SHEAR WAVE ELASTICITY: A POTENTIAL RELATIONSHIP THAT**

COULD IMPROVE THE QUANTITATIVE ASSESSMENT OF THE SUPRASPINATUS TENDON ON MRI

Soterios Gyftopoulos, MD; Konstantin Krepkin, MD; Jose Raya, PhD; Mary Bruno; Ronald Adler, MD, PhD

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

(Presented by: Soterios Gyftopoulos, MD)

11:05 a.m. #37 **HIGH-RESOLUTION 3T MR IMAGING OF BONE MICROARCHITECTURE AND MRI QUANTIFICATION OF BONE MARROW FAT AND MUSCLE FAT IN OSTEOPOROSIS.**

Christoph Agten, MD¹; Arakua Welbeck¹; Ding Xia, MSN¹; Prodromos Parasoglou, PhD¹; Chamith Rajapakse, PhD²; Cheng Chen, PhD³; Punam Saha, PhD⁴; Stephen Honig, MD¹; Gregory Chang, MD¹

¹NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY;

²Hospital of University of Pennsylvania, Philadelphia, PA; ³University of Iowa, Department of Electrical and Computer Engineering, Iowa City, IA; ⁴University of Iowa Hospital & Clinics, Iowa City, IA

(Presented by: Christoph Agten, MD)

11:25 a.m. #38 **NEW APPROACH TO OSTEOPOROTIC AND PATHOLOGIC FRACTURE FIXATION: PHOTODYNAMIC BONE STABILIZATION SYSTEM**

Geoffrey Dykes, MD; Maha Torabi, MD; Scott Wuertzer, MD; Cynthia Emory, MD; Leon Lenchik, MD

Wake Forest University School of Medicine, Winston-Salem, NC

(Presented by: Geoffrey Dykes, MD)

11:45 a.m. #39 **A 5-MINUTE SHOULDER MRI: IS IT GOOD ENOUGH?**

Naveen Subhas, MD¹; Alex Benedick, BS¹; Nancy Obuchowski, PhD¹; Joshua Polster, MD¹; Luis Beltran, MD²; Jean Schils, MD¹; Gina Ciavarra, MD²; Soterios Gyftopoulos, MD³

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

Medical Center, New York, NY; 3NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, Long Island City, NY

(Presented by: Naveen Subhas, MD)

12:00 p.m. #40 **USING A DEDICATED CT METAL ARTIFACT REDUCTION ALGORITHM FOR ARTHROPLASTY**

IMAGING: CAN WE REDUCE THE RADIATION EXPOSURE?

Naveen Subhas, MD; Camilla Pursyko, MD; Nancy Obuchowski, PhD; Andrew Primak, PhD; Frank Dong, PhD; Joshua Polster, MD; Hakan Ilaslan, MD; Brian Herts, MD
Cleveland Clinic, Cleveland, OH

(Presented by: Naveen Subhas, MD)

12:15 p.m. #41 **ULTRASOUND-GUIDED SCIATIC NERVE PERINEURAL INJECTION: A RETROSPECTIVE REVIEW OF SAFETY AND EFFICACY**

Ogonna Nwawka, MD; Theodore Miller, MD; Russell Meyer, MD
Hospital for Special Surgery, New York, NY

(Presented by: Ogonna Nwawka, MD)