

ePosters

BASIC SCIENCE POSTERS

ePoster #1

Mavric at 3T: Feasibility and Early Results

Smith B.C., Mayo Clinic, Rochester, MN, USA; Felmlee J.P.; Wenger D.E., Howe B.M.; Stanley D.W., Rettmann D.; Amrami K.K.
(Presented By: Benjamin Smith, MD)

ePoster #2

Beyond Morphology, Functional Imaging Prediction of Subject-Specific Adaptive Bone Remodeling

Robertson D.D., Emory University, Atlanta, GA, USA; Sharma G.B., Xing he E., McMahon P.J.
(Presented By: Douglas Robertson, MD, PhD)

ePoster #3

WITHDRAWN

ePoster #4

Pitfalls in the Human Visual System: Dynamic, Interactive Optical Illusions With Application to Radiology

Schreibman K.L., University of Wisconsin
(Presented By: Ken Schreibman, PhD, MD)

ePoster #5

Clinical Applications and Future Directions of Musculoskeletal Molecular Imaging

Amini B., The University of Texas, M.D. Anderson Cancer Center; Teixeira Neto A., Salem U.I., Kubicki S.L., Macapinlac H.A.
(Presented By: Behrang Amini, MD, PhD)

ePoster #6

Photo Acoustic Imaging of Joints

Girish G., Wang X.
(Presented By: Gandikota Girish)

ePoster #7

Musculoskeletal Applications of 3D Space: A Pictorial Review

O'Donnell J.S., Walz D.
(Presented By: John O'Donnell, MD)

ePoster #8

WITHDRAWN

SHOULDER POSTERS

ePoster #9

Association Between Imaging Features of Adhesive Capsulitis and Fluid Distention of the Long Head of the Biceps Tendon Sheath on Shoulder MRI

Fernando S., Mayo Clinic Florida, Jacksonville, FL, USA; Garner H.W., Bestic J.M., Wessell D.E., Peterson J.J., Berquist T.H., Adolphson D.P.
(Presented By: Sujana Fernando, MD)

ePoster #10

Abduction External Rotation (ABER) MR Arthrography: Is It Clinically Valuable When Interpreted By Musculoskeletal Radiology Trainees?

O'Donnell J.S., NYU Langone Medical Center; Bencardino J., Adler R., Shah N.P., Yemin A., Tyson M.
(Presented By: John O'Donnell, MD)

ePoster #11

Post Traumatic Osteolysis of the Distal Clavicle and the Importance of Early Detection

Vogt K., University of South Florida, Tampa, FL, Harvey R.M., Prakash N.S.
(Presented By: Kandra Vogt, MD)

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- ePoster #12** **Subacromial-Subdeltoid Bursal Lipohepatoma: A CT Sign of Rotator Cuff Tear in Proximal Humerus Fractures**
Ali S., Syed A.B.
(Presented By: Sayed Ali)
- ePoster #13** **Imaging of the Brachial Plexus: Anatomy , Pathology, and Ultrasound Technique With MR Imaging Correlation**
Dionello R., Vancouver, BC, Canada; Thomas Murphy D., Chiavaras M.M., Jacobson J., Cresswell M.T.
(Presented By: Mary Chiavaras, MD, PhD)
- ePoster #14** **Anatomy, Diagnostic Pitfalls and Variants of the Shoulder Joint in Abduction and External Rotation MR Arthrography**
Beltran L.S., NYU Langone Medical Center, NY, NY, USA; Surace J., Beltran J., Bencardino J.T.
(Presented By: Luis Beltran)
- ePoster #15** **Ultrasound of Adhesive Capsulitis of the Shoulder**
Phan V.Q., Konin G.P., Miller T.T.
(Presented By: Vinh Phan)

ELBOW/WRIST/HAND POSTERS

- ePoster #16** **Little Leaguer's Elbow: The History and Spectrum of This Disease Process.**
England E., University of Cincinnati, Cincinnati, OH, USA; Squires J., Mehta K., Wissman R.
(Presented By: Eric England)
- ePoster #17** **Radiologic Evaluation of Partial Wrist Fusion**
Scalcione L.R., The University of Arizona Health Network, Tucson, AZ, USA; Gimber L.H., Melville D.M., Turecki M.B., DeSilva G.L., Sheppard J.E., Taljanovic M.S.
(Presented By: Luke Scalcione, MD)
- ePoster #18** **Osteoarthritis of the Basal Joints of the Thumb: Imaging and Management**
Melville D.M., University of Arizona Health Network, Department of Medical Imaging, Tucson, AZ, USA; Taljanovic M.S., Scalcione L.R., Eble J., Gimber L.H., DeSilva G.L., Sheppard J.E.
(Presented By: David Melville, MD)

HIP/PELVIS POSTERS

- ePoster #19** **CT False Profile View of the Hip: A Reproducible Method of Measuring Anterior Center Edge Angle Using Volume CT Data**
Needell S.D., Boca Radiology Group, Boca Raton, Florida, USA; Borzykowski R.M., Carreira D.S., Kozy J.
(Presented By: Steven Needell, MD)
- ePoster #20** **MRI Accuracy in Assessment of Acetabular Fractures After Titanium Screw Fixation – A Technical Note**
Weatherall P.T., University of Texas Southwestern Medical Center; Fox J.C., Sathy A.K., Moore D.S., Sims G.C., Starr A.J.
(Presented By: Paul Weatherall, MD)
- ePoster #21** **The Math, the Myths, and the MR Findings of Atypical Femoral Fractures**
Lenchik L., Wake Forest University; Boutin R.
(Presented By: Leon Lenchik, MD)

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- ePoster #22** **Subchondral Femoral Head Fractures and Its Mimickers: Using Histopathologic Features to Understand the Imaging Differences Between Entities Most Commonly Misdiagnosed with Subchondral Fractures**
Cohen S.L., Hospital for Special Surgery; Schneider R., Flug J.A., DiCarlo E., Klein M.
(Presented By: Stuart Cohen, MD)
- ePoster #23** **The Clinical Utility of Valsalva Imaging When Evaluating For Athletic Pubalgia**
Klein D.A., Lenox Hill Hospital Department of Radiology; Shah R., Maeder M., Zoland M.
(Presented By: Devon Klein, MD, MPH)
- ePoster #24** **Imaging and Intervention of Groin and Anterior Hip Pain**
Chun Wai Chong C., Vancouver, BC, Canada; Thomas Murphy D., Chiavaras M.M.,
Jacobson J., Cresswell M.
(Presented By: Mary Chiavaras, MD, PhD)
- ePoster #25** **The Ligamentum Teres Hot Spot on PET-CT: Initial Description and Clinical Implications**
Amini B., University of Texas M.D. Anderson Cancer Center; Martin T.P., Richardson M.L.
(Presented By: Behrang Amini, MD, PhD)
- KNEE POSTERS**
- ePoster #26** **MRI of the Knee at 3T and 7T with Parallel Imaging: How Fast Can You Go?**
Krepkin K., NYU Langone Medical Center, New York, NY, USA; Recht M.P., Chang G.
(Presented By: Konstantin Krepkin, MD)
- ePoster #27** **Patellotibial Contusions: A New Cruciate Ligament Injury Pattern**
Wissman R.D., University of Cincinnati Medical Center; England E., Mehta K., Brown S.,
Boateng S., Javadi A., Smith P., Panchal K.
(Presented By: Robert Wissman, MD)
- ePoster #28** **Superolateral Hoffa's Fat Pad Edema in Collegiate Volleyball Players**
Mehta K., University of Cincinnati Medical Center; Wissman R., England E., D'heurle A.,
Kenter K.
(Presented By: Kaushal Mehta, MD)
- ePoster #29** **Vascular Findings on Knee MRI: What the Radiologist Needs to Know**
Udager K.G., University of Michigan, Ann Arbor, MI, USA; Fessell D., Liu P., Morag Y.,
Brigido M., Yablon C., Jacobson J.
(Presented By: Kara Udager, MD)
- ePoster #30** **Bursae of the Knee: A Clinical and Radiological Review with an Emphasis on MR Imaging Findings**
Makanji R., Tampa, FL, University of South Florida, Tampa, FL; Vogt K., Byra P., Rao N.,
Kedar R., Anderson S., Prakash N.
(Presented By: Rikesh Makanji, MD)
- ePoster #31** **MR Anatomy of the Tibial Insertion of the Biceps Femoris and Its Role in Segmental Fractures**
Sanders R.K., University of Utah SOM, Salt Lake City, Utah, USA
(Presented By: Richard Sanders, MD)

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SPINE/INTERVENTION POSTERS

- ePoster #34** **Performing Lumbar Sympathetic Blocks: A New Technique**
Rosas H., University of Wisconsin
(Presented By: Humberto Rosas, MD)
- ePoster #35** **Optimizing Success with Lumbar Disc Arthroplasty**
Beall D.P., Clinical Radiology of Oklahoma, Oklahoma City, OK, USA; Gornet M.F.,
Schranck F., Wharton N.D., Jones E., Myers M.E., Hipp J.A., Parsons B.P.
(Presented By: Douglas Beall, MD)
- ePoster #36** **Purpose: To Highlight the Utility and Versatility of Ultrasound Guidance for the Biopsy of Intra-Osseous Lesions**
Hulen R., Henry Ford Hospital, Detroit, USA; Reeser N., Vollman A., Craig J., van
Holsbeeck M.
(Presented By: Rachel Hulen, MD)

TUMOR/TUMORLIKE POSTERS

- ePoster #37** **Ultrasound to Distinguish Extremity Soft Tissue Neoplasms from Hematomas**
Davis K.W., University of Wisconsin School of Medicine and Public Health; Lee K.S.,
Johnson K.A.
(Presented By: Kirkland Davis, MD)
- ePoster #38** **Imaging and Clinical Findings of Epitheloid Sarcoma with Pathologic Correlation**
Pandey S, Brigham and Womens Hospital/Harvard Medical School, Dept of Radiology,
Smith SE
(Presented By: Shilpa Pandey MD)
- ePoster #39** **Schwannomas from Head to Toe**
Hodge J.R., Mayo Foundation Department of Radiology; Venkatesh S.K., Frick M.A.
(Presented By: Jacob Hodge, MD)
- ePoster #40** **Atypical Decubital Fibroplasia/Decubital Ischemic Fasciitis: A Rare Sarcoma Mimic**
Escobar E., Mayo Clinic, Phoenix, AZ, USA; Roberts C.C., Kransdorf M.J.
(Presented By: Eduardo Escobar, MD)
- ePoster #41** **PVNS: A Potentially Vexing Neoplasm Simulator**
Murdoch N.W., Mayo Clinic, Rochester, MN, USA; Wenger D.E., Broski, S.M., Skinner
J.A.
(Presented By: Nathan Murdoch, MD)
- ePoster #42** **Imaging Patterns of Local Failure In Desmoid Fibromatosis: How to Scan and What to Look For**
Salem U.I., The University of Texas M.D. Anderson Cancer Center; Amini B.
(Presented By: Usama Salem, MD)
- ePoster #43** **The Radiographic Skeletal Survey in Multiple Myeloma: Beyond the Lytic Lesion**
Wong E., Naval Branch Health Clinic, Groton, CT USA; Amini B.
(Presented By: Eric Wong, MD)
- ePoster #44** **Variable Sonographic Presentations of Granuloma Annulare in a Pediatric Population with MR Correlation**
Pai D.R., University of Michigan, C.S. Mott Children's Hospital, Ann Arbor, MI, USA;
DiPietro M., Ladino-Torres M., Gandikota G.
(Presented By: Deepa Pai, MD, MHSA)

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MISCELLANEOUS POSTERS

ePoster #45

The Floating Fat Sign of Trauma

Ali S., Huebner S., Groshek F., Chundru K., Schaffer A.
(Presented By: Sayed Ali)

ePoster #46

Single Source Dual Energy CT and Gout

Girish G., Kim S., Jacobson J.
(Presented By: Gandikota Girish)

ePoster #47

Feasibility of Identifying Monosodium Urate Crystals Using Single-Source Dual Energy CT Scans and Non-Rigid 3D Anatomic Registration

Glazebrook K.N., Mayo Clinic Rochester MN USA; Shiung M., Leng S., McCollough C.H.
(Presented By: Katrina Glazebrook, MBChB)

ePoster #48

MRI Appearance of Gout in the Knee

Escobedo E.M., UC Davis Medical Center, Sacramento, CA. USA; Hunter J.C., Bindra J.
(Presented By: Eva Escobedo, MD)

ePoster #49

Sternoclavicular Joint Imaging

Cohen S.L., Hospital for Special Surgery; Flug J.A., Nwawka O., Mintz D.N.
(Presented By: Stuart Cohen, MD)

ePoster #50

WITHDRAWN