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GENERAL

ePoster #1 A SOUND APPROACH TO PERIPHERAL NEUROPATHIES

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ePoster #2 CAPSULITIS IN ONCOLOGY PATIENTS UNDERGOING PET-CT IMAGING AND RELATIONSHIP TO TYPE OF CANCER AND TREATMENT PROTOCOL

Matthew Teng, MD; Jared Nesbitt, MD; James Bai, MD; Kevin Baker, MD; Mingqian Huang, MD; Elaine Gould, MD
Stony Brook University Medical Center HSC, Stony Brook, NY

ePoster #3 EMOTIONAL WELLNESS OF CURRENT MUSCULOSKELETAL RADIOLOGY FELLOWS

Jack Porrino, Jr., MD¹; Felix Chew, MD¹; Michael Mulcahy, PhD²; Hyojeong Mulcahy, MD¹; Annemarie Relyea-Chew, JD, MS¹
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ePoster #4 IMAGING EVALUATION OF PROSTHETIC JOINT INFECTION: FROM RADIOGRAPHY TO CROSSSECTIONAL IMAGING AND IMAGE-GUIDED ARTHROCENTESIS

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ePoster #5 MUSCLE & BONE DENSITY ASSESSMENT FOR SARCOPENIA & OSTEOPENIA WITH CT: IMPACT OF CONTRAST MATERIAL

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ePoster #6 SYNOVIAL PATTERNS ON MAGNETIC RESONANCE IMAGING PROVIDE CLUES TO PATHOLOGY IN PATIENTS FOLLOWING ARTHROPLASTY

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ePoster #7 TECHNOLOGIST-DIRECTED REPEAT MUSCULOSKELETAL RADIOGRAPHS: HOW OFTEN DO THEY IMPACT DIAGNOSIS?

Nidhi Jain, MD; Michael Mechlin, MD; Andrew Rosenkrantz, MD, MBA; Jill Jacobs, MD; Michael Recht, MD
NYU Medical Center/ Hospital for Joint Diseases Langone Medical Center, New York, NY

ePoster #8 The Role of MSK Ultrasound in Diagnosis and management of Systemic Lupus Erythematosus (SLE)

Gandikota Girish, MD; Rosan Patel, MD; David Jamadar, MBBS; Jon Jacobson, MD
University of Michigan Medical Center, Ann Arbor, MI

SPINE

ePoster #9 CAUTION WHEN SCREENING FOR OSTEOPOROSIS WITH OPPORTUNISTIC CT: HOUNDSFIELD

UNITS OF L1 TRABECULAR BONE VARY SIGNIFICANTLY AT DIFFERENT X-RAY ENERGIES

Daniel Wessell, MD, PhD; Hillary Garner, MD; Marcus Kater, MD; Duane Schonlau, MD; Joseph Bestic, MD; Jeffrey Peterson, MD
Mayo Clinic Florida, Jacksonville, FL

ePoster #10 SUBFASCIAL FAT HERNIATION: SONOGRAPHIC FEATURES OF THE ELUSIVE BACK MOUSE

Christin Tiegs-Heiden, MD; Erin Moran, MD; John Skinner, MD
Mayo Clinic, Rochester, MN

KNEE AND HIP

ePoster #11 ASSESSMENT OF FEMORAL TROCHLEAR MORPHOLOGY ON CROSS SECTIONAL IMAGING:

COMPARING THE DEJOUR CLASSIFICATION AND QUANTITATIVE MEASUREMENTS IN PATIENTS

LATER TREATED WITH DEEPENING TROCHLEOPLASTY.

Barrett Luce, MD; Michael Fox, MD; David Diduch, MD
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ePoster #12 BONE AND JOINT MODELING FROM 3D KNEE MRI: FEASIBILITY STUDY AND COMPARISON WITH RADIOGRAPHS AND 2D MRI

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

ePoster #13 DETECTION OF KNEE JOINT EFFUSION: INFLUENCE OF POSITIONING ON PERCEPTION

Mamta Gupta, MD; F. Spencer Chivers, MD; Catherine Roberts, MD; Roxanne Lorans, MD; Mark Kransdorf, MD
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ePoster #14 FABELLA AND OSTEOARTHRITIS: NEW INSIGHTS

Douglas Robertson, MD, PhD¹; Yara Younan, MD¹; Elie Harmouche, MD²; Jad Chamieh, MD³; Walter Carpenter, MD, PhD¹; Scott Banks, PhD⁴
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ePoster #15 FOUND HIDING IN PLAIN SIGHT: HOFFA'S FAT PAD AND IT'S PATHOLOGIES

Joseph Burns, MD, PhD; Jason Rothschild, MD
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ePoster #16 MODERATE HYPERINTENSE T2 SIGNAL IN THE PROXIMAL PATELLAR TENDON: INCIDENTAL OR PATHOLOGIC?

Lyndsey Burton, MD; Kambiz Motamedi, MD; Benjamin Levine, MD; Benjamin Plotkin, MD; Hannah Kim, MD; Leanne Seeger, MD

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

ePoster #17 NORMAL RANGE OF PATELLAR TENDON ELASTICITY IN YOUNG ASYMPTOMATIC INDIVIDUALS USING ULTRASOUND ELASTOGRAPHY

Netanel Berko, MD; Terry Levin, MD; Mimi Kim, ScD; Jacob Schulz, MD

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ePoster #18 PATELLOFEMORAL PAIN SYNDROME: ANATOMIC VARIANTS, PATHOLOGIC CONDITIONS, AND MANAGEMENT CONSIDERATIONS

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ePoster #19 UPDATE ON ACL RECONSTRUCTION: DEVICES, FEATURES, FIXATION, PRINCIPLES AND IMAGING ASSESSMENT

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TUMOR

ePoster #20 DECREASED FRACTAL LACUNARITY REFLECTS GIANT CELL TUMOR RESPONSE TO DENOSUMAB

Ty Subhawong, MD; Jared Mahan, MD; Darcy Kerr, MD; Juan Pretell, MD; Breelyn Wilky, MD
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ePoster #21 FEATURES OF SCLEROTIC BONE LESIONS THAT AFFECT DIAGNOSTIC YIELD DURING IMAGE GUIDED CORE NEEDLE BIOPSY

Stephanie Coleman, MD, MPH; Patrick Redmond, MD; Colm McMahon, MD; Jim Wu, MD;
Jennifer NiMhuircheartaigh, MD
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ePoster #22 IS A PRIOR PET-CT OR BONE SCAN ASSOCIATED WITH IMPROVED DIAGNOSTIC YIELD OF IMAGE-GUIDED TISSUE SAMPLING OF MUSCULOSKELETAL LESIONS?

Ged Wieschhoff, MD; Varand Ghazikhanian, MD, MS; Violeta Nikac, MD; Glenn Gaviola, MD
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ePoster #23 MRI ANALYSIS OF BONE METASTASIS: SHAPE-RELATED EXCLUSION CRITERIA

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ePoster #24 MYXOINFLAMMATORY FIBROBLASTIC SARCOMA: IMAGING FEATURES WITH RADIOLOGICPATHOLOGIC CORRELATION

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ePoster #25 NEUROVASCULAR INVOLVEMENT BY LIPOMAS AND ATYPICAL LIPOMATOUS TUMORS OF THE APPENDICULAR SKELETON

Justin LeBlanc, MD; Hakan Ilaslan, MD; Nathan Mesko, MD; Murali Sundaram, MD, FRCR
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ePoster #26 OSSEOUS METASTASES OF CHORDOMA: IMAGING FINDINGS

Connie Chang, MD₁; Ivan Chebib, MD₁; Martin Torriani, MD₂;

ePoster #27 S.O.S. - SAVE OUR SAMPLE. HOW TO RESCUE A CORE BONE SPECIMEN TRAPPED IN A BIOPSY NEEDLE

I-Yuan Chang, MD₁; Camila Purysko, MD₁; Naveen Subhas, MD₁; Thomas Bauer, MD, PhD₂; Carl Winalski, MD₁

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ANKLE/FOOT

ePoster #28 HINDFOOT VALGUS ANGLE: A SECOND LOOK

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ePoster #29 NORMAL TENDON VARIATIONS MAY INFLUENCE THE SPREAD OF INFECTION: THE FOOT AND WRIST AS EXAMPLES

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ePoster #30 THE OS INTERPHALANGEUS SYNDROME: AN UNCOMMON AND UNDER-RECOGNIZED CAUSE OF GREAT TOE PAIN

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TECHNICAL

ePoster #31 CSI: CLINICAL APPLICATION OF CHEMICAL SHIFT IMAGING AS A PROBLEM SOLVING TOOL

Douglas Byerly, MD, PhD; Liam Mansfield, MD; Eduardo Escobar, MD; Dillon Chen, MD

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ePoster #32 DECT in Plain Language: Applications in Musculoskeletal Imaging

Jason Stephenson, MD; Frank Renallo, PhD

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ePoster #33 DYNAMIC ULTRASOUND OF THE MEDIAN NERVE - TECHNIQUE, QUALITATIVE, AND QUANTITATIVE ASSESSMENT

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ePoster #34 PUSHING THE LIMITS: BENEFITS OF HIGH PERFORMANCE GRADIENTS IN MUSCULOSKELETAL MAGNETIC RESONANCE IMAGING

Lauren Ladd, MD; Trent Roth, MD; Chen Lin, PhD; Kenneth Buckwalter, MD
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ePoster #35 SHEAR WAVE ELASTOGRAPHY: REVIEW OF APPLICATIONS IN MUSCULOSKELETAL IMAGING

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OUTCOMES

ePoster #36 PERSONAL EXPERIENCE PERFORMING ULTRASOUND-GUIDED PLATELET-RICH PLASMA

INJECTIONS IN ELITE DANCERS: CAN THEY RETURN TO DANCE?

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ePoster #37 THE VALUE OF MRI IN PRE-TREATMENT PLANNING AND POST-TREATMENT FOLLOW-UP OF DEFINITIVE ELECTRON BEAM IRRADIATION FOR SUPERFICIAL FIBROMAS IN THE HANDS (DUPUYTREN'S DISEASE) AND FEET (LEDDERHOSE DISEASE)

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ePoster #38 TOTAL ELBOW ARTHROPLASTY: A RADIOGRAPHIC OUTCOME STUDY.

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UPPER EXTREMITY

ePoster #39 A PAINFUL WAVE: A REVIEW OF NON-TRAUMATIC CAUSES OF WRIST PAIN

Mason Frazier, MD; Michael Rodriguez, MD; Jessica Millsap, MD; Mark Langston, MD; Brenten Heeke, MD

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ePoster #40 BICIPITAL GROOVE MORPHOLOGY AND BICEPS TENDINOPATHY

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ePoster #41 CAN FOREARM CONGENITAL DEFORMITIES BE LIGAMENTOUS IN ORIGIN? MADELUNG

DEFORMITY AND ULNAR FOCAL CORTICAL INDENTATION SUGGESTS THE LIKELIHOOD

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ePoster #42 CHARACTERIZATION AND EPIDEMIOLOGY OF THE CARPAL BOSS UTILIZING COMPUTED TOMOGRAPHY

Jack Porrino, Jr., MD; Chris Goiney, MD; Michael Richardson, MD; Felix Chew, MD; Hyojeong Mulcahy, MD

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ePoster #43 Evaluation of the Ulnar Collateral Ligament in Overhead Throwing Athletes

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ePoster #44 FREQUENT MISSES IN WRIST RADIOGRAPHS: TRUTH HIDDEN IN PLAIN SIGHT

Catherine Petchprapa, MD; Zehava Rosenberg, MD; Ignacio Rossi, MD; Jenny Bencardino, MD;
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ePoster #45 GLENOID VERSION MEASUREMENT UPDATE: FRIEDMAN EQUIVALENT MEASUREMENTS WHEN THE MEDIAL SCAPULA BORDER IS NOT IN THE CROSS-SECTIONAL FIELD OF VIEW

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ePoster #46 HAND AND WRIST FINDINGS ON MAGNETIC RESONANCE ANGIOGRAPHY IN PATIENTS WITH CONNECTIVE TISSUE DISEASE

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ePoster #47 PAIN RELIEF FOLLOWING FLUOROSCOPIC-GUIDED GLENOHUMERAL JOINT INJECTIONS USING THE SCHNEIDER AND ROTATOR INTERVAL TECHNIQUES - RESULTS AFTER 900 INJECTIONS.

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ePoster #48 THE TERRIBLE TRIAD AND OTHER CONCEPTS IN IMAGING OF THE UNSTABLE ELBOW

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ePoster #49 ULTRASOUND IMAGING OF THE HAND AND WRIST

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