

All sessions will be in **Sweeney Ballroom A-E**, unless otherwise noted.

## SATURDAY, MARCH 29

1:00 pm – 6:00 pm	Registration/Information Desk Open • <b>Lobby</b>
4:00 pm – 6:00 pm	Resident MSK Radiology Resources (non-cme) • <b>Pojoaque Room, Terrace Level</b> Moderators: <b>Connie Chang, MD, Jennifer Weaver, MD</b>
4:00 pm	Scorching Success or Blazing Blunders: Mastering Oral Communication SSR: <i>The Not Ready for Prime Time Players</i>
4:40 pm	Developments of the ABR Diagnostic Radiology Oral Exams <i>Daniel Davis, MD</i>
5:00 pm	The SSR: What it Can Offer to Trainees <i>Soterios Gyftopoulos, MD</i>
5:10 pm	Small Group Meet, Greet, and Mentor Mentors: <i>Erin Alaia, MD, Connie Chang, MD, Travis Hillen, MD, Rosemary Klecker, MD, David Melville, MD, Robert Morris, MD, Andrew Ross, MD, Tina Shiang, MD, Maryam Soltanolkotabi, MD, Jon Symanski, MD, Jennifer Weaver, MD, Daniel Wessell, MD</i>
6:30 pm – 8:00 pm	Resident and Mentor Mixer • <b>La Fonda on the Plaza Hotel - New Mexico Room</b>
6:30 pm – 8:00 pm	SSR Committee Chairs Reception and Discussion • <b>La Fonda on the Plaza Hotel - Santa Fe Room</b>

## SUNDAY, MARCH 30

7:00 am – 4:30 pm	Registration/Information Desk Open • <b>Lobby</b>
7:00 am – 7:45 am	Continental Breakfast • <b>Sweeney Foyer</b>
7:00 am – 4:30 pm	Exhibit Hall Open/Electronic Exhibits Open • <b>Sweeney Foyer</b>
7:45 am – 8:45 am	<b>ANNUAL BUSINESS MEETING</b>
8:45 am – 9:00 am	<b>BREAK - Exhibit Hall Open • Sweeney Foyer</b>
9:00 am – 9:05 am	Land Use Acknowledgement
9:05 am – 10:20 am	Scientific Session I: Special Presentations Moderators: <i>Michael Fox, MD, Natalia Gorelik, MD</i>
9:05 am	<b>#1 SSR WHITE PAPER:</b> Optimal Approaches to Imaging Inflammation Associated with Arthritis <i>Edgar Colon, MD, Jorge Vidal, MD</i>
9:20 am	<b>#2 SSR SEED GRANT:</b> Evaluation Of Posterior Horn Medial Meniscal Root Tears with Weight-Bearing Computed Tomography - Preliminary Results <i>Richard Walker, MD</i>
9:35 am	<b>#3 EARLY CAREER GRANT:</b> Educational Effectiveness of Interactive Radiology Cases <i>Ged Wieschhoff, MD</i>
9:50 am	<b>#4 BEST RESIDENT ABSTRACT:</b> A Nationwide Survey of the Musculoskeletal Radiology Curricula Across U.S. Diagnostic Radiology Programs <i>Logan Haug, MD</i>
10:05 am	<b>#5 ESSR/SSR AWARD PRESENTATION:</b> Association Between the Presence and Anatomical Variants of the Coraco-glenoid Ligament and SLAP Lesion: A 3-T arthro-MRI Study <i>Edoardo Cesaro, MD</i>
10:20 am – 10:25 am	Case of the Day #1 <i>John Mahon, MD</i>
10:25 am – 10:45 am	<b>BREAK - Exhibit Hall Open • Sweeney Foyer</b>
10:45 am – 12:15 pm	Scientific Session II: Interventional Topics Moderators: <i>MK Lowry, MD, Rupert Stanborough, MD</i>
10:45 am	<b>#6</b> Equivalent Diagnostic Rate of CT-guided Bone Marrow Aspirate and Biopsy (BMAB) when Performed by MSK Radiologists vs Advanced Practice Providers (APPs) <i>Robert Lopez, MD</i>
11:00 am	<b>#7</b> CT-guided Piriformis Muscle Injections: Institutional Experience with Focus on Procedure Technique and Complications <i>John Rasla, DO</i>
11:15 am	<b>#8</b> Development of a Comprehensive Model for Image Guided Percutaneous Joint Access Simulation <i>Jennifer Weaver, MD</i>
11:30 am	<b>#9</b> Ultrasound Guided Injections for Patients with Anterior Cutaneous Nerve Entrapment Syndrome <i>Sercan Tosun, MD</i>
11:45 am	<b>#10</b> MRI of Morton's Neuroma Post-cryoablation: A Previously Undescribed Distinctive MR Imaging Appearance at the Distal Metatarsals in Three Patients <i>Ahmed Gabr, MD, MS</i>
12:00 pm	<b>#11</b> NFL Intraosseous Pressure Measurement of Cystic Bone Lesions During CT-guided Procedures and Comparison with Normal Marrow <i>J. Rafael Vicentini, MD</i>



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### SUNDAY, MARCH 30 *continued*

<b>12:15 pm - 12:20 pm</b>	<b>Case of the Day #2</b> <i>Parker Brown, MD</i>
<b>12:20 pm - 1:45 pm</b>	<b>LUNCH with EXHIBITORS • Sweeney Foyer</b>
<b>1:45 pm - 1:55 pm</b>	<b>Special Interest Talk I: Private Practice Issues</b> <i>Andrew Sonin, MD</i>
<b>1:55 pm - 2:55 pm</b>	<b>Socioeconomic Update</b> Moderator: <i>Manickam Kumaravel, MD</i>
<b>1:55 pm - 2:15 pm</b>	<b>Point/Counterpoint: Virtual/Hybrid/In-Person Balance</b>
1:55 pm	Virtual - <i>MK Lowry, MD</i>
2:02 pm	In-Person - <i>Jim Wu, MD</i>
2:09 pm	Q&A
<b>2:15 pm - 2:35 pm</b>	<b>Non-Interpretive Work</b>
2:15 pm	Expanding Roles in MSK Radiology Practice - <i>Maxie Kresse, MD</i>
2:22 pm	Leadership Insights on Non-Interpretive Functions - <i>Laura Fayad, MD</i>
2:29 pm	Q&A
<b>2:35 pm - 2:55 pm</b>	<b>Coding in MSK Imaging</b>
2:35 pm	Lifecycle of a Code: An Inside Look at the CPT Creation and Valuation Processes - <i>Daniel Wessell, MD, PhD</i>
2:42 pm	Coding Challenges in Musculoskeletal Imaging and Intervention: Pitfalls and New Horizons <i>Benjamin Northrup, MD</i>
2:49 pm	Q&A
<b>2:55 pm - 3:15 pm</b>	<b>BREAK - Exhibit Hall Open • Sweeney Foyer</b>
<b>3:15 pm - 4:15 pm</b>	<b>Educational Session: MRI - Arthroscopy Correlation</b> Moderator: <i>Erin Alaia, MD</i>
3:15 pm	Knee - <i>Erin Alaia, MD</i>
3:30 pm	Hip - <i>Angela Atinga, MD</i>
3:45 pm	Shoulder - <i>John Symanski, MD</i>
4:00 pm	Q&A
<b>5:00 pm - 6:30 pm</b>	<b>SSR Scholar &amp; Mentor Meet-Up • TBD</b>





All sessions will be in **Sweeney Ballroom A-E**, unless otherwise noted.

## MONDAY, MARCH 31

7:00 am - 3:30 pm **Registration/Information Desk Open • Lobby**

7:00 am - 7:45 am **Continental Breakfast • Sweeney Foyer**

7:00 am - 1:00 pm **Exhibit Hall Open/Electronic Exhibits Open • Sweeney Foyer**

7:30 am - 8:00 am **Rapid Fire Resident Research Presentations I** Moderators: *Connie Chang, MD, Eric England, MD*

7:30 am **#R1** Interpretation of Abnormal Marrow Signal on MRI Deep to an Ulcer  
*Quayd Robertson, DO*

7:40 am **#R2** Liposclerosing Fibromyxoid Tumor: A Distinct Entity?  
*Aric Berning, MD*

7:50 am **#R3** Cryoablation in Musculoskeletal Radiology: A Single Center Experience  
*Gaelle Haddad, MD*

8:00 am - 9:45 am **Scientific Session III: Clinical Practice** Moderators: *Jennifer Demertzis, MD, Travis Hillen, MD*

8:00 am **#12** The Contusion Conclusion: Validation of a Proposed Osseous Contusion Grading System  
*Alexander Marchese, MD*

8:15 am **#13** Society of Skeletal Radiology Survey on Hybrid and Remote (Work from Home) Practice Models  
*Tina Shiang, MD*

8:30 am **#14** Portable Diagnostic Radiology Workstation Weighing Under 7 pounds  
*Eric Brandser, MD*

8:45 am **#15** Comparing Radiology Report Dictation Accuracy of OpenAI's Whisper Transcription AI with PowerScribe  
*Zenas Igbinoba, MD*

9:00 am **#16** Imaging Guidance Application: Impact and User Feedback Across a Large Healthcare System  
*Joshua Polster, MD*

9:15 am **#17** Increasing MRI Efficiency: The Impact of Incorporating MRI Technologist Assistants and Deep Learning Acceleration  
*Naveen Subhas, MD*

9:30 am **#18** Mismatch in Productivity Calculated from wRVU Metric and the Actual Number of Views in Musculoskeletal Radiographic Studies  
*Oganes Ashikyan, MD*

9:45 am - 9:55 am **Special Interest Talk II: AMA Update**  
*Jade Anderson, MD, Eric Royston, DO*

9:55 am - 10:00 am **Case of the Day #3** *Daniel Holbrook, MD*

10:00 am - 10:35 am **BREAK - Exhibit Hall Open • Sweeney Foyer**

10:25 am - 10:35 am **Health & Wellness Presentation I: Speaking Up: How Do I Talk with My Boss About...**  
*Connie Chang, MD*

10:35 am - 11:35 am **Scientific Session IV: MSK Health and Screening** Moderators: *Donna Blankenbaker, MD, Naveen Subhas, MD*

10:35 am **#19 SSR HOT TOPIC GRANT:** Unveiling the Past to Inform the Future: Investigating the Role of Skeletal Trauma in Osteoporosis through Analysis of Femoral Samples from Historical and Modern Postmortem Cohorts *Katherine Van Schaik, MD, PhD*

10:50 am **#20** CT-derived Biologic Age in Older Adults: Comparison of Traditional Sarcopenia and Adiposity Measures with Radiomic Muscle and Fat Features  
*Leon Lenchik, MD*

11:05 am **#21** Defining Healthy Muscle Parameters: Establishing Baselines for Skeletal Muscle Health with CT across Diverse Populations *Se-Young Yoon, MD*

11:20 am **#22** Cost-effectiveness of Imaging versus Clinical Methods for Sarcopenia Screening: Does Automated AI Analysis of Muscle Make Economic Sense? *Jennifer Padwal, MD*

11:35 am - 11:40 am **QUICK BREAK**



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### MONDAY, MARCH 31 *continued*

**11:40 am - 12:40 pm** **Scientific Session V: Spine** Moderators: *Kirkland Davis, MD, Jhanna Moore, MD*

11:40 am **#23** Comparison of MRI and CT for Detecting Lumbar Spine Degeneration  
*Richard Kijowski, MD*

11:55 am **#24** Bland or Bugged: Can Imaging Features of Paraspinal Fluid Collections Predict Sterility?  
*Nicholas Pflederer, MD*

12:10 pm **#25** Cervical Facet Joints: Pain Improvement with Intra-articular Versus Extra-articular Injections  
*Brody Brisk, MD*

12:25 pm **#26** Clinical Outcomes of the SpineJack Vertebral Augmentation System for Treatment of Compression Fractures: A Retrospective Case Control Study *Mary Elizabeth Buchanan, MD*

**12:40 pm - 12:45 pm** **Case of the Day #4** *Willie McClure, MD*

**12:45 pm - 1:15 pm** **LUNCH BREAK • TBD**

**1:15 pm - 3:15 pm** **MSK Ultrasound Hands-On Workshop: Wrist and Hand • O'Keefe Room** (separate registration) (LIVE ONLY)  
Moderator: *Benjamin Levine, MD*

1:15 pm Live Video Demonstration *Theodore Miller, MD, Mark Cresswell, MD*

1:45 pm Hands-On Workshop  
Instructors: *Angela Atinga, MD, Carlos Benitez, MD, Antonia Caldwell, MD, Joseph Craig, MD, Mark Cresswell, MD, Michael Forney, MD, Girish Gandikota, MD, Jordan Gross, MD, Jon Jacobson, MD, Viviane Khoury, MD, Kevin, McGill, MD, Yoav Morag, MD, Humberto Rosas, MD, Sandra Rutigliano, MD*

**1:15 pm - 3:25 pm** **Hands-On Workshop: Problem Solving for MSK Fellowship Directors** (separate registration) (non-cme)  
Moderator: *Andrew Ross, MD, Connie Chang, MD, Maxie Kresse, MD*

1:15 pm Lunch, Networking, Icebreaker

1:45 pm Welcome and Introductions

1:55 pm Small Group Session #1

2:15 pm Break

2:25 pm Small Group Session #2

2:45 pm Break

2:55 pm Small Group Session #3

3:15 pm Concluding Remarks

**7:00 pm - 10:00 pm** **SSR Annual Banquet • Garden Terrace and Lumpkins Ballroom**



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## TUESDAY, APRIL 1

7:00 am - 1:00 pm	Registration/Information Desk Open • <b>Lobby</b>
7:00 am - 7:45 am	Continental Breakfast • <b>Sweeney Foyer</b>
7:00 am - 1:00 pm	Exhibit Hall Open/Electronic Exhibits Open • <b>Sweeney Foyer</b>
7:30 am - 8:00 am	<b>Rapid Fire Resident Research Presentations II</b> Moderators: <i>Christian Geannette, MD, Shefali Kothary, MD</i>
7:30 am	<b>#R4</b> Accuracy of Cross-Sectional Imaging Modalities in Diagnosing Distal Biceps Tendon Tears <i>Sean O'Rourke, MD</i>
7:40 am	<b>#R5</b> Imaging of the Distal 1/3 Radius Increases the Sensitivity of DXA in Primary Hyperparathyroidism <i>Alain Sherman, MD, MBA</i>
7:50 am	<b>#R6</b> Reliability of Osteoarthritis Grading in Assessment of Advanced Varus Ankle Osteoarthritis <i>Curran Reddy, MD, PhD</i>
8:00 am - 9:15 am	<b>Scientific Session VI: Lower Extremity 1 - Knee</b> Moderators: <i>Kara Gaetke-Udager, MD, Charles Resnik, MD</i>
8:00 am	<b>#27</b> Injury Patterns in Knee MRI: Is There a Gender Gap? <i>Shivani Ahlawat, MD</i>
8:15 am	<b>#28</b> Lateral Meniscal Oblique Radial Tears (LMORT lesions): MRI Appearance <i>Erin Alaia, MD</i>
8:30 am	<b>#29</b> Efficacy of CT and MRI for Evaluation of Cruciate Ligament Tears in Acute Knee Dislocation <i>Dyan Flores, MD</i>
8:45 am	<b>#30</b> Gastrocnemius Origin Cysts: What is their Significance and Are they a Reason for Pain? <i>Connie Chang, MD</i>
9:00 am	<b>#31</b> Dynamic Ultrasound of the Snapping Knee: Sensitivity and Spectrum of Findings <i>Max Hao, MD</i>
9:15 am - 9:20 am	<b>QUICK BREAK</b>
9:20 am - 10:35 am	<b>Scientific Session VII: Bone Tumors</b> Moderators: <i>Nicholas Rhodes, MD, Daniel Wessell, MD</i>
9:20 am	<b>#32</b> Treatment Response to CT-guided Radiofrequency Ablation in Osteoid Osteoma and Time to Complete Pain Resolution <i>Mohammad Samim, MD</i>
9:35 am	<b>#33</b> Imaging Features of Spinal Giant Cell Tumor with Pathologic Correlation <i>Matthew Bourne, DO</i>
9:50 am	<b>#34</b> Imaging Features of Osteochondromyxomas <i>Shane Peterson, DO</i>
10:05 am	<b>#35</b> Revised Bone Reporting and Data System (Bone-RADS): Performance and Reliability Compared with the Original Bone-RADS <i>Arash Azhideh, MD, MPH</i>
10:20 am	<b>#36</b> Comparison of Bone Tumor Reporting and Data System (RADS): Bone-RADS vs. OT-RADS vs. BTI-RADS <i>Arash Azhideh, MD, MPH</i>
10:35 am - 10:40 am	<b>Case of the Day #5</b> <i>Andrew Gomez, MD</i>
10:40 am - 11:05 am	<b>BREAK - Exhibit Hall Open • Sweeney Foyer</b>
10:40 am - 11:05 am	<b>Resident Debriefing</b> (All residents attending the meeting meet Dr. Chang in the break area)
11:05 am - 11:10 am	<b>Special Interest Talk III: ABR Update</b> <i>Daniel Davis, MD</i>
11:10 am - 12:25 pm	<b>Scientific Session VIII: Upper Extremity</b> Moderators: <i>Hailey Allen, MD, Kambiz Motamedi, MD</i>
11:10 am	<b>#37</b> The Relationship Between MRI Findings and Clinical Outcomes in Muscle-Tendon Transfer for Massive Rotator Cuff Tears <i>Amanda Crawford, MD</i>
11:25 am	<b>#38</b> Contrasting Thoughts on Contrast? Anterior Capsular/Subscapularis Failure on CT Arthrography in Anatomic Shoulder Arthroplasties <i>Esther Rong, MD</i>
11:40 am	<b>#39</b> MRI Findings in Patients with Axillary Nerve Dysfunction Following Glenohumeral Dislocation Injury <i>Lawrence White, MD, FRCPC</i>
11:55 am	<b>#40</b> Snapping in the Elbow: Sensitivity of Dynamic Ultrasound and Spectrum of Ultrasound Findings <i>Max Hao, MD</i>
12:10 pm	<b>#42</b> Quantitative Bone SPECT/CT in Hand/Wrist Osteoarthritis: A Pilot Study and Preliminary Findings <i>Maryam Soltanolkotabi, MD</i>
12:25 pm - 12:30 pm	<b>Case of the Day #6</b> <i>Julie Adhya, DO</i>
12:30 pm	<b>FREE AFTERNOON - Real-Life Health and Wellness Activities</b> (See separate list for activities and contacts)



All sessions will be in **Sweeney Ballroom A-E**, unless otherwise noted.

### WEDNESDAY, APRIL 2

**7:00 am - 12:30 pm** Registration/Information Desk Open • **Lobby**

**7:00 am - 7:45 am** Continental Breakfast • **Sweeney Foyer**

**7:00 am - 10:30 am** Exhibit Hall Open • **Sweeney Foyer**

**7:00 am - 12:30 pm** Electronic Exhibits Open • **Sweeney Foyer**

**7:30 am - 8:00 am** **Rapid Fire Resident Research Presentations III** Moderators: *Zachary Stewart, MD, Jennifer Weaver, MD*

7:30 am **#R7** Accuracy of Cross-Sectional Imaging Modalities in Diagnosing Distal Biceps Tendon Tears  
*Alexa Arvidson, MD*

7:40 am **#R8** MRI of ACL Rupture in Collegiate Athletes: Does Increased Bone Marrow Edema Volume Predict Poor Clinical Outcomes? *Nicholas Tan, MD*

7:50 am **#R9** Comparison of 1.5T Deep Learning Reconstruction vs Conventional 3T in Shoulder MRI: A Preliminary Subjective Assessment *Andrew Chen, MD*

**8:00 am - 9:45 am** **Scientific Session IX: Lower Extremity 2 - Hip/Thigh/Ankle**

Moderators: *Jade Anderson, MD, Vivek Kalia, MD, MPH*

8:00 am **#43** Ipsilateral Psoas Muscle Atrophy After Total Hip Arthroplasty: Potential Causes and Outcomes  
*Adam Zoga, MD*

8:15 am **#44** Comparison of Radial and Conventional MRI in Determining the Type and Location of Labral Tear and Cartilage Abnormality in Patients with Femoroacetabular Impingement with Intraoperative Correlation  
*Mohammad Samim, MD*

8:30 am **#45** Reliability of Pre-operative Symptoms and MRI Labral Findings in Patients with Femoroacetabular Impingement: An Intra-operative Correlation Study *Mohammad Samim, MD*

8:45 am **#46** Early Postoperative MRI Appearance of the Acetabular Labrum *Zachary Stewart, MD*

9:00 am **#47** Impact of Sciatic Nerve Involvement on Return-to-Sport Time in Collegiate Football Players with Acute Hamstring Injuries: Insights from MRI *Adam Miller, MD*

9:15 am **#48** Association of Intra-Operative Findings with MRI Observations in Patients with Peroneal Tendon Pathology: A Blinded Retrospective Case-Control Observational Study *Zachary Stewart, MD*

9:30 am **#49** Detecting Differences in Shear Wave Elastography in Lower Extremity Peripheral Neuropathies  
*Paul Wojack, MD*

**9:45 am - 9:55 am** **Health and Wellness Presentation II: Burnout: What Causes It and How It Affects our Personal Lives**  
*Zohaib Ahmad, MD*

**9:55 am - 10:00 am** **Case of the Day #7** *Kristin Shute, DO*

**10:00 am - 10:25 am** **BREAK - Exhibit Hall Open • Sweeney Foyer**

**10:25 am - 12:10 pm** **Scientific Session X: Soft Tissue Tumors** Moderators: *Barry Hansford, MD, Pamela Walsh, MD*

11:10 am **#50** Prospective Multi-parametric Biomarker Development to Predict Malignant Conversion in Patients with Neurofibromatosis Type 1 *Shivani Ahlawat, MD*

11:25 am **#51** Can Pre-treatment MRI Signal Characteristics Help Distinguish between Benign Myxomas and Low Grade Myxoid Sarcomas? *Shruthi Suresh, MD*

11:40 am **#52** Prevalence of Necrosis on MR within Benign Tenosynovial Giant Cell Tumor with Pathologic Correlation *Mark Murphey, MD*

11:55 am **#53** Differences in Surrounding Muscle Atrophy/Edema in Soft Tissue Myxomas; Extremity versus Pelvis  
*William James, MD*

12:10 pm **#54** Extension Study Following Successful Pilot evaluating Contrast-Enhanced Susceptibility-Weighted Imaging First-Order and High-Order Radiomics for the Assessment of Desmoid Fibromatosis Response  
*Raul Valenzuela, MD*

11:55 am **#55** Undifferentiated Pleomorphic Sarcoma: Building an Effective Multiparametric MRI (mpMRI) derived Predictive Treatment Response Model to Replace RECIST *Raul Valenzuela, MD*

12:10 pm **#56** Soft-Tissue Leiomyosarcoma: Building a Reliable Multiparametric MRI-Based Model for Neo-Adjuvant Therapy Response Assessment *Behrang Amini, MD, PhD*





### ELECTRONIC EXHIBITS

	<b>INTERVENTIONAL TOPICS</b>
Exhibit 01	Intraceted! Identifying Post-Procedure MRI Findings and Avoiding Diagnostic Pitfalls in Basivertebral Nerve Ablation <i>Alexander Marchese, MD</i>
Exhibit 02	CT-Guided SpineJack Mechanical Augmentation and Radiofrequency Ablation in the Treatment of Malignant Vertebral Compression Fractures <i>Alexander Marchese, MD</i>
Exhibit 03	Ultrasound Guided Axillary Perineural Corticosteroid Injection as a Diagnostic and Therapeutic Tool for Post Shoulder Arthroplasty Neuropathy <i>Basem Rashwan, MD</i>
Exhibit 04	Tackling the Curveballs: Unique Solutions for MSK Radiology Procedural Challenges <i>Jade Anderson, MD</i>
Exhibit 05	The Sacroiliac Joint: A Reflection on Injections <i>Laith Alhyari, MD</i>
	<b>MSK HEALTH &amp; SCREENING</b>
Exhibit 06	MRI Characteristics of Pernio (Chilblains): Identifying a Diagnostic Pattern in Musculoskeletal Radiology <i>Daniel Hofstedt, DO</i>
Exhibit 07	Rheumatologic Diseases Emergency: What Should Radiologists Know? <i>Arash Azhideh, MD, MPH</i>
Exhibit 08	Syndromes-associated Musculoskeletal Tumors <i>Arash Azhideh, MD, MPH</i>
Exhibit 09	Musculoskeletal Complications of Radiation Therapy and Immunotherapy <i>Arash Azhideh, MD, MPH</i>
Exhibit 10	Today's Practice, Tomorrow's Patients: Genetic Musculoskeletal Diseases Worth Our Attention <i>Arash Azhideh, MD, MPH</i>
Exhibit 11	Imaging of Cosmetic Procedures in the Musculoskeletal System <i>Jenny Bencardino, MD</i>
Exhibit 12	Opportunistic Osteoporosis Screening using Hand Radiographs in Rheumatoid Arthritis Patients <i>Tina Basak, MD</i>
Exhibit 13	Opportunistic Osteoporosis Screening on Routine MRI Sequences: A Second Look <i>Tina Basak, MD</i>
Exhibit 14	Routine Lumbar Spine MRI: Can We Detect Osteopenia or Osteoporosis With Qualitative and Quantitative Features? <i>Laura Fayad, MD, MS</i>
Exhibit 15	Hardware Evaluation with Reformatted Thin Slice Thickness Images <i>Sultan Alamro, MBBS</i>
	<b>SPINE</b>
Exhibit 16	The Evolution of Lumbar Spine Stenosis Evaluation: From Grading Systems to Artificial Intelligence <i>Peter Pham, MD</i>
Exhibit 17	A Cease and Decyst for Tarlov Cysts <i>Laith Alhyari, MD</i>
Exhibit 18	Spine Instability Neoplastic Score: What the Orthopedic Spine Surgeon Wants to Know About the Risk of Vertebral Collapse in their Patient <i>Joseph Burns, MD</i>



### ELECTRONIC EXHIBITS

	<b>KNEE</b>
Exhibit 19	Precision in Practice: Measurements of Lower Extremity Alignment <i>John Mahon, MD</i>
Exhibit 20	Conventional and Advanced Cartilage Repair in the Knee: MRI-Arthroscopy Correlation <i>Tina Basak, MD</i>
Exhibit 21	Posterolateral Corner Injury of the Knee: A Pictorial Review with Pre/Post-Operative Imaging <i>Tina Basak, MD</i>
Exhibit 22	Physseal-Sparing Anterior Cruciate Ligament Reconstruction: Technique, Imaging, and Outcomes <i>John (Hank) Shilling, MD</i>
Exhibit 23	Diagnostic Accuracy of Pre-operative Knee MRI in Acute Knee Dislocation: A Systematic Review and Meta-analysis <i>Dyan Flores, MD</i>
Exhibit 24	Radial Multiplanar Reformations (MPR) of 3D knee MRI for Meniscus Extrusion Mapping <i>Faysal Altahawi, MD</i>
Exhibit 25	Location of High Grade Medial Collateral Ligament Tears on MRI <i>Douglas Mintz, MD</i>
	<b>BONE TUMORS</b>
Exhibit 26	Is There a Delay in Diagnosis of Renal Cell Carcinoma (RCC) Osseous Metastasis in the Pelvis? <i>Ryan Schwertner, MD</i>
Exhibit 27	Osteoid Osteoma: Is Morphology Associated with Skeletal Maturity and Type of Bone Involved? <i>Michael Groswald, MD</i>
	<b>UPPER EXTREMITY</b>
Exhibit 28	Carpal Coalitions: Types and Distribution <i>Tina Basak, MD</i>
Exhibit 29	Dynamic 4-D CT Examination of the Scapula for Assessment of Scapulothoracic Motion - A Feasibility Study <i>Ronald Mercer, MD</i>
Exhibit 30	From Diagnosis to Treatment: Imaging of Posterior Shoulder Dislocations <i>Jennifer Weaver, MD</i>
Exhibit 31	Subacromial Bursa Reimplantation - What the Radiologist Needs to Know <i>Manickam Kumaravel, MD</i>
	<b>HIP/THIGH/ANKLE</b>
Exhibit 32	Increased Signal at the Distal Peroneus Longus Tendon Insertion: Normal or Pathologic? <i>Shannon Yoo, MD</i>
Exhibit 33	Predictive Value of Bony and Soft Tissue CT Imaging Biomarkers for Sciatic Nerve Injury in Acute, Traumatic Acetabular Fractures Involving the Posterior Column and/or Wall <i>Thiru Sivakumaran, MD</i>
Exhibit 34	Symptomatic Forefoot Pathologies: Surgical Options and Imaging Assessment <i>Tina Basak, MD</i>
Exhibit 35	Ankle Arthroscopy: Review of Technique, Indications, and Correlation with Imaging <i>Tina Basak, MD</i>
Exhibit 36	Spectrum of Achilles Tendon Pathology, Not Just Your Achilles' Heel <i>Nicholas Barnthouse, MD</i>
Exhibit 37	Chronic Exertional Compartment Syndrome: A Clinical and Imaging Review <i>Kishendra Gopaul, MD</i>





### ELECTRONIC EXHIBITS

SOFT TISSUE TUMORS	
Exhibit 38	Leveraging Deep Learning for Prediction of Involvement of Post-Surgical Tissue Margins in Soft Tissue Sarcoma Using Multi-parametric MRI <i>Ehsan Alipour, MD, MPH</i>
Exhibit 39	Predicting Treatment Response to Neoadjuvant Radioimmunotherapy (NRIT) in Soft Tissue Sarcoma (STS) with MRI-Based Radiomic Signature <i>Ehsan Alipour, MD, MPH</i>
Exhibit 40	Follow-up of Neurofibroma Growth in Adult Patients with Neurofibromatosis Type 1 <i>Barzin Behzad, MD</i>
BONE MARROW	
Exhibit 41	Bone to Pick: Unraveling the Mysteries of Plasma Cell Shenanigans <i>S. Roy Chaudhary, MD, MRCS, FRCR</i>
Exhibit 42	Framework for Interpreting Bone Marrow Signal Abnormalities on MR Imaging <i>Shivani Ahlawat, MD</i>
Exhibit 43	Multifocal Metaphyseal Marrow Abnormality in Pediatric Patients <i>Stacey Elangovan, MD</i>
EDUCATION	
Exhibit 44	Evaluating a Novel Tool for Enhancing Radiology Case Follow-Up Efficiency <i>Leen Alkukhun, MD</i>
Exhibit 45	Effective Strategies for Fellowship Directors: a Guide to Surviving and Thriving <i>Andrew Ross, MD, MPH</i>
SPORTS INJURIES	
Exhibit 46	Pedal to the Metal: An Image-based Ride Through Mountain Bike Injuries <i>Shelby Payne, MD</i>
Exhibit 47	Pain With No Gain; Misadventures At The Gym <i>Alexandre Tremblay, MD</i>
Exhibit 48	MRI-Detected Musculoskeletal Injuries Associated with Wrestling <i>Tina Basak, MD</i>
Exhibit 49	Adaptive and Pathologic Findings in High-Level Baseball Athletes <i>Cody Quirk, MD</i>





### ELECTRONIC EXHIBITS

	RESIDENT
Exhibit 50R	Ultrasound-Guided SAVI Seed Placement For Nerve Surgery Intraoperative Guidance <i>Chantal Chahine, MD</i>
Exhibit 51R	Stone Man Disease: A Review of Fibrodysplasia Ossificans Progressiva <i>Jesse Steadman, MD</i>
Exhibit 52R	Regenerative Medicine in Elite Athletes <i>Annie Huang, MD</i>
Exhibit 53R	Periosteal Plight: An Underestimated Entity <i>Anthony Pang, MD, MS</i>
Exhibit 54R	Understanding Electromyography: What the Radiologist Needs to Know <i>Benjamin Crawford, DO</i>
Exhibit 55R	Targeting Relief: A Primer on Fluoroscopic Guided Epidural Steroid Injections for Lower Back Pain <i>Matthew Chapman, MD</i>
Exhibit 56R	Beyond The Obvious: Reviewing the Commonly Missed Meniscus and Meniscocapsular Pathologies on Knee MRI <i>Matthew Oleksak, MD</i>
Exhibit 57R	Wrist-ful Thinking: Mastering Postoperative Imaging in Wrist Osteoarthritis <i>Nirali Dave, MD</i>
Exhibit 58R	Narrative Needlework: Documenting the Oral Tradition of Musculoskeletal Intervention Training to Maximize Procedural Success <i>Samantha Salmon, MD</i>
Exhibit 59R	Preserve the Nerve: Imaging of Post-Amputation Complications and Peripheral Nerve Interventions <i>Logan Haug, MD</i>
Exhibit 60R	Pediatric Musculoskeletal Infections: Multimodality Imaging Review with Emphasis on a Management-focused Severity Score <i>Valeria Rullan Varela, MD</i>
Exhibit 61R	Ankle Arthroplasty: An Overview of Newer Generation Devices, Preoperative Imaging Workup, and Complications for Radiologists <i>David Chen, MD</i>
Exhibit 62R	Musculoskeletal Magnetic Resonance Imaging Fat Suppression in the Presence of Metal <i>Jesse Steadman, MD</i>
Exhibit 63R	The Price of Power: Imaging the Impact of Weightlifting <i>Lana Elcic, MD</i>
Exhibit 64R	Tarsal Tunnel Syndrome: Multimodality Review of Anatomy and Pathology <i>Marika Pitot, MD</i>
Exhibit 65R	In a Pickle: A Review of Racket Sport Injuries and an Introduction to the Fastest Growing Sport <i>Jeffrey Rosenthal, MD</i>
Exhibit 66R	Female Lower Extremity Sports Injuries: What the Musculoskeletal Radiologist Needs to Know <i>Rebecca Driessen, MD</i>
Exhibit 67R	Anatomic Variants Predisposing to Neuropathy in the Upper Limb <i>Hannah Riskin-Jones, MD, MS</i>
Exhibit 68R	In-Cyst-Ing on a Multimodal Imaging Approach to Simple and Aneurysmal Bone Cysts <i>John Cerne, MD</i>
Exhibit 69R	A Primer on MRI Appearance of Postoperative Cartilage Repair <i>Bryan Chan, MD</i>
Exhibit 70R	Managing the Big 4: One Institution's Strategies for Imaging the NFL, NBA, MLB, & NHL <i>Aditya Karandikar, MD</i>
Exhibit 71R	Elevating Musculoskeletal Radiology through Peer Learning <i>Ayush Thomas, MD</i>
Exhibit 72R	A Novel Highly Effective Approach to Hip Aspiration: The Wedged Hip Technique <i>Logan Haug, MD</i>
Exhibit 73R	Correlation Between Edematous Modic Type Changes and Segmental Dynamic Instability in the Lumbar Spine <i>Madison Taormina, MD</i>
Exhibit 74R	Clinical Factors and Imaging Findings Associated with Spondylodiscitis in Patients with Equivocal CT or MRI <i>Dylan Tan, MD</i>
Exhibit 75	<b>SEED GRANT:</b> Radio-manganese PET/MRI and Shear Wave Elastography as Potential Imaging Biomarkers in Patients with Myofascial Pain <i>Rianne van der Heijden, MD, PhD</i>

