

ANNUAL SYMPOSIUM

OF THE AMERICAN SOCIETY OF SPINE RADIOLOGY

FEBRUARY 23-27, 2022 • AUSTIN, TEXAS

HANDS-ON SKILLS WORKSHOP



WEDNESDAY, FEBRUARY 23, 2022

HANDS-ON SKILLS WORKSHOP - Zilker Ballroom 4 (NON-CME / Additional registration and fee required.)

7:00 am – 8:00 am **BREAKFAST & REGISTRATION FOR HANDS-ON SKILLS WORKSHOP - Zilker Foyer**

8:00 am – 8:15 am **WELCOME**

Session 1: Spine Access and Pain Interventions

8:15 am – 8:30 am CT and Fluoro Guided Spine/Disc Access and Interventions *Vinil Shah, MD and Travis Hillen, MD*

8:30 am – 8:45 am Therapeutic Spine Pain Interventions *Troy Hutchins, MD and Edward Yoon, MD*

8:45 am – 10:45 am Hands-On Session
Vertebral Body Access, Bone Biopsy, Injections, Medial Branch Nerve Block

10:45 am – 11:30 am **LUNCH**

Session 2: Vertebral and Sacral Augmentation/Implants

11:30 am – 11:45 am Vertebroplasty/ Kyphoplasty *Amish Doshi, MD and Rupert Stanborough, MD*

11:45 am – 12:00 pm Spinal Implants/Spine Jack and Sacroplasty *Vikas Agarwal, MD and Stefano Marcia, MD*

12:00 pm – 2:00 pm Hands-On Session
Vertebroplasty, Augmentation, Spine Implants, and Sacroplasty

2:00 pm – 2:30 pm **BREAK**

Session 3: Advanced Spine Procedures I

2:30 pm – 2:45 pm Radiofrequency and Microwave Ablation *Majid Khan, MD and Reade De Leacy, MBBS*

2:45 pm – 3:00 pm Rhizotomy and Misc. Spine Procedures *Daniel Nguyen, MD and Luigi Manfre, MD*

3:00 pm – 5:00 pm Hands-On Session
RF/Microwave/Interspinous Implants

Hands-On Skills Workshop Expert Consultants
Jay Acharya, MD *Todd Miller, MD*
Timothy Amrhein, MD *Jonathan Morris, MD*
John Barr, MD *Miriam Peckham, MD*
Walter Bartynski, MD *David Prologo, MD*
Neeraj Chaudhary, MD *Anousheh Sayah, MD*
Justin Costello, DO *Richard Silbergleit, MD*
Steven Daniels, MD *Carlos Torres, MD*

4:00 pm – 8:00 pm **ASSR REGISTRATION AND INFORMATION DESK - Zilker Foyer**

6:00 pm – 7:00 pm **WOMEN WITH SPINE HOUR (NON-CME) - Zilker 3**
Guest Panelist: *Linda Gray, MD*
Panel Discussion: *Michele Johnson, MD, Erin Schwartz, MD and Susan Palasis, MD*

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AGENDA - DAY 1



THURSDAY, FEBRUARY 24, 2022 PAST: ASSR HISTORY IN SPINE IMAGING AND INTERVENTION

7:00 am – 5:30 pm	Registration and Information Desk - Zilker Foyer
7:00 am – 8:00 am	BREAKFAST WITH EXHIBITORS - Zilker Foyer & North Lobby
JOINT SESSION 1 – GIANTS IN SPINE: LESSONS LEARNED - Zilker Ballroom 1 & 2 Moderators: Lubdha Shah, MD and Gregory Peterman, MD	
8:00 am – 8:15 am	25 Years of Change in Diagnosis and Treatment of Spine Vascular Lesions: What We Have Learned Michele Johnson, MD
8:15 am – 8:30 am	Lessons Learned: Practical Insights Wade Wong, DO, FACR, FAOCR
8:30 am – 8:45 am	Lessons learned ... and still learning... Orlando Ortiz, MD, MBA, FACR
8:45 am – 9:00 am	Lessons in Neuroradiology Leadership – How Each of Us can Become Leaders R. Nick Bryan, MD, PhD
9:00 am – 9:30 am	GOLD MEDAL AWARD Recipient: A. Orlando Ortiz, MD, MBA, FACR (NON-CME) Presenters: Michele Johnson, MD and Bassem Georgy, MD
9:30 am – 10:00 am	BREAK WITH EXHIBITORS - Zilker Foyer & North Lobby
CONCURRENT SESSION - Zilker Ballroom 1 & 2 DIAGNOSTIC 1 – CLINICAL PERSPECTIVE OF SPINE IMAGING Moderators: Samuel Rogers, MD and Gregory Lawler, MD	
10:00 am – 10:20 am	Clinical Evaluation of Myelopathy Michael McGinity, MD
10:20 am – 10:35 am	Spinal Radiculopathy: What Matters Clinically Vikas Agarwal, MD
10:35 am – 10:50 am	Discogenic Pain: Myth or Reality? Walter Bartynski, MD
10:50 am – 11:05 am	Correlating Clinical Symptoms with Imaging Todd Miller, MD
11:05 am – 11:20 am	Grading Systems You Should Use and Why Amit Aggarwal, MD
11:20 am – 11:35 am	Your Spine Dictation: Reporting What Matters Wende Gibbs, MD, MA
11:35 am – 11:55 am	Common Mistakes in Spine Reporting Johan Van Goethem, MD, PhD (ESNR)
11:55 am – 12:05 pm	Q&A
CONCURRENT SESSION - Zilker Ballroom 4 INTERVENTIONAL 1 – EVOLUTION VERTEBRAL AUGMENTATION Moderators: Edward Yoon, MD and Amish Doshi, MD	
10:00 am – 10:15 am	Vertebral Augmentation – Evidence Based Practice John Barr, MD
10:15 am – 10:30 am	Morbidity and Mortality Effect From Vertebral Compression Fracture Allan Brook, MD, FACR, FSIR
10:30 am – 10:50 am	New Vertebral Fractures Following Percutaneous Augmentation: Myth or Reality? Dimitri Filippiadis, MD, PhD (ESNR)
10:50 am – 11:05 am	Adjacent Level Disease, Biomechanics, Imaging, and Intervention Bassem Georgy, MD
11:05 am – 11:20 am	Bone Cement – The Old and The New Amish Doshi, MD
11:20 am – 11:35 am	High Risk Vertebral Augmentation – When There is No Other Option Majid Khan, MD
11:35 am – 11:55 am	Kyphoplasty with Spine-Jack System: Pain Response and Morphology Improvement Andrés González, MD (SILAN) (SAM)*
11:55 am – 12:05 pm	Q&A

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AGENDA - DAY 1



THURSDAY, FEBRUARY 24, 2022 PAST: ASSR HISTORY IN SPINE IMAGING AND INTERVENTION

12:05 pm – 1:00 pm **LUNCH** - Industry Sponsored Product Theater - Zilker Ballroom 3

JOINT SESSION 2 - NUANCES OF SPINAL ANATOMY AND CLINICAL RELEVANCE - Zilker Ballroom 1 & 2

Moderators: *Scott Johnson, MD and Richard Silbergleit, MD*

1:00 pm – 1:25 pm Complexity of the Craniocervical Junction *Nader Dahdeleh, MD (SAM)**

1:25 pm – 1:45 pm Arterial Anatomy *Neeraj Chaudhary, MD (SAM)**

1:45 pm – 2:00 pm Functional Anatomy of the Spinal Cord *Marcus Carr, MD (SAM)**

2:00 pm – 2:15 pm Uncovertebral Joint Complexity *Matthew Parsons, MD (SAM)**

2:15 pm – 2:35 pm Facet Joint: Function and Failure *Vinil Shah, MD (SAM)**

2:35 pm – 2:50 pm Spinal Deformity *Mariza Clement, MD*

2:50 pm – 3:00 pm Q&A

3:00 pm – 3:30 pm **BREAK WITH EXHIBITORS** - Zilker Foyer & North Lobby

CONCURRENT SESSION - Zilker Ballroom 1 & 2

DIAGNOSTIC 2 – NUANCES OF THE PEDIATRIC SPINE

Moderators: *Hollie Lai, MD, Aashim Bhatia, MD, MS and Michelle Silvera, MD*

3:30 pm – 3:50 pm The Immature Spine: Differentiating Normal From Abnormal *Laura Hayes, MD (SAM)**

3:50 pm – 4:10 pm Spinal Dysraphism Made Easy *Erin Simon Schwartz, MD*

4:10 pm – 4:30 pm CT vs MR in Pediatric Spine Evaluation *Judith Gadde, DO, MBA (SAM)**

4:30 pm – 4:50 pm Dynamic Cervical Spine MRI Evaluation in Children *Neil Lall, MD*

4:50 pm – 5:00 pm Q&A

CONCURRENT SESSION - Zilker Ballroom 4

INTERVENTIONAL 2 – PEDIATRIC AND PERIPHERAL NERVE INTERVENTIONS

Moderators: *Jack Jennings, MD, PhD and Rupert Stanborough, MD*

3:30 pm – 3:50 pm Peripheral Nerve Interventions *David Prologo, MD, FSIR, ABOM-D*

3:50 pm – 4:05 pm Basivertebral Nerve Ablation: Update of Current Evidence Supporting Its Use
*Daniel Nguyen, MD (SAM)**

4:05 pm – 4:20 pm Neurostimulation *Edward Yoon, MD*

4:20 pm – 4:40 pm Emerging Applications in Neuromodulation *Doug Beall, MD, FSIR, FIPP, DAAPM (SAM)**

4:40 pm – 5:00 pm Nerve Damage: Advanced Diagnosis and Treatment Options *Matteo Bellini, MD (SAM)**

5:00 pm – 5:20 pm Pediatric Spine Interventions *Travis Hillen, MD (SAM)**

5:20 pm – 5:30 pm Q&A

5:30 pm – 6:00 pm **YPS Meet and Greet** - Zilker Ballroom 3

6:00 pm – 8:00 pm **WELCOME RECEPTION** - Zilker Foyer & North Lobby

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FEBRUARY 23-27, 2022 • AUSTIN, TEXAS

AGENDA - DAY 2



FRIDAY, FEBRUARY 25, 2022

PRESENT: SPINE AS WE KNOW IT

6:30 am – 4:00 pm	Registration and Information Desk - <i>Zilker Foyer</i>
7:00 am – 8:00 am	3RD ANNUAL ASSR FUN RUN (Additional registration and fee required.)
7:30 am – 8:30 am	BREAKFAST WITH EXHIBITORS - <i>Zilker Foyer & North Lobby</i>
JOINT SESSION 3 – OPERATIVE AND POSTOPERATIVE SPINE - <i>Zilker Ballroom 1 & 2</i> Moderators: <i>Patrick Brown, MD and Kalen Riley, MD, MBA</i>	
8:30 am – 8:50 am	Imaging Advances for the Instrumented Spine <i>Lawrence Tanenbaum, MD, FACR</i>
8:50 am – 9:10 am	Lumbar Interbody Fusion - Types and How I Decide <i>John Caridi, MD</i>
9:10 am – 9:30 am	Cervical Fusion - Approaches and Hardware <i>Jonathan Rasouli, MD</i>
9:30 am – 9:50 am	Spinal Deformity- Surgical Perspective <i>Marcus Mazur, MD</i>
9:50 am – 10:00 am	Q&A
10:00 am – 10:30 am	BREAK - <i>Zilker Foyer & North Lobby</i>
CONCURRENT SESSION - <i>Zilker Ballroom 1 & 2</i> DIAGNOSTIC 3 – ANOMALIES AND ABNORMALITIES Moderators: <i>Susan Palasis, MD and Jessie Aw-Zoretic, MD</i>	
10:30 am – 10:50 am	Metabolic Conditions Affecting the Spine in Childhood <i>Stephen Kralik, MD (SAM)*</i>
10:50 am – 11:10 am	Pearls for Scoliosis Imaging <i>Alexis Maddocks, MD (SAM)*</i>
11:10 am – 11:30 am	Prominent Central Canal and Beyond <i>Elizabeth Ryals, MD (SAM)*</i>
11:30 am – 11:50 am	Pediatric Spondyloarthropathies <i>Jonathan Samet, MD</i>
11:50 am – 12:10 pm	So Many Chiaris <i>Kaurna Shekdar, MD (SAM)*</i>
12:10 pm – 12:25 pm	Abstract 1: Variations in the Reporting of Vertebral Marrow Signal Abnormalities: A Survey of the American Society of Spine Radiology members <i>Joshua Nickerson, MD</i> Abstract 2: K-space Based Deep Learning Reconstruction Empowers 60-70% Acceleration of MR Imaging of the Spine <i>Lawrence Tanenbaum, MD, FACR</i>
12:25 pm – 12:35 pm	Q&A
12:35 pm – 1:30 pm	LUNCH Industry Sponsored Product Theater - <i>Zilker Ballroom 3</i>
CONCURRENT SESSION - <i>Zilker Ballroom 4</i> INTERVENTIONAL 3 – SPINAL CSF Moderators: <i>Troy Hutchins, MD and Vance Lehman, MD</i>	
10:30 am – 10:50 am	Types of CSF Leaks <i>Vance Lehman, MD (SAM)*</i>
10:50 am – 11:05 am	Spinal Imaging in SIH - Why I like DSM <i>Marcel Maya, MD</i>
11:05 am – 11:20 am	Spinal Imaging in SIH- Why I like CT <i>Timothy Amrhein, MD (SAM)*</i>
11:20 am – 11:35 am	Superficial Siderosis - The Spinal Connection <i>Peter Kranz, MD (SAM)*</i>
11:35 am – 11:50 am	Blood Patch 101- Anyone Can Do It! <i>Michael Malinzak, MD, PhD</i>
11:50 am – 12:10 pm	Emerging Treatments for CSF-Venous Fistula <i>Soliman Oushy, MD</i>
12:10 pm – 12:25 pm	Abstract 3: Predictive Spine MRI Findings for Presence and Location of a CSF-Venous Fistula in Patients with Spontaneous Intracranial Hypotension <i>Stephanie Teixeira, MD</i> Abstract 4: Incremental Diagnostic Yield of Lateral Decubitus CT Myelogram Immediately Following Negative Lateral Decubitus Digital Subtraction Myelogram, and Review of Patient Outcomes <i>Darya Shlapak, MD</i>
12:25 pm – 12:35 pm	Q&A

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AGENDA - DAY 2



FRIDAY, FEBRUARY 25, 2022

PRESENT: SPINE AS WE KNOW IT

12:35 pm – 1:30 pm	LUNCH WITH EXHIBITORS - Zilker Foyer & North Lobby
CONCURRENT SESSION - Zilker Ballroom 1 & 2 DIAGNOSTIC 4 – CORD COMPLEXITIES Moderators: Atul Agarwal, MD and Kimberly Seifert, MD, MS	
1:30 pm – 1:45 pm	Kinked Cord- Herniation, Arachnoid Webs, Arachnoid Cysts Aseem Sharma, MD (SAM)*
1:45 pm – 2:00 pm	Inflammatory Demyelinating Cord Disease: Beyond MS Carlos Torres, MD, FRCPC (SAM)*
2:00 pm – 2:15 pm	Spinal Vascular Lesions Jennifer McCarty, MD (SAM)*
2:15 pm – 2:30 pm	COVID- Spine Manifestations Amit Mahajan, MBBS, MD (SAM)*
2:30 pm – 2:45 pm	Spinal Cord Tumor and Tumor Mimics Puneet Pawha, MD (SAM)*
2:45 pm – 3:05 pm	Multiparametric Evaluation of Spinal Masses John Go, MD, FACR
3:05 pm – 3:20 pm	Abstract 5: Improved Workflow and Efficiency Utilizing Artificial Intelligence (AI)-Based Reconstruction for Magnetic Resonance (MR) Spinal Surveys Mark Chen, MD Abstract 6: COVID-19 Associated Myelin Oligodendrocyte Glycoprotein Antibody-Associated Disease (MOGAD) Evan Palamara, MD
3:20 pm – 3:30 pm	Q&A
CONCURRENT SESSION - Zilker Ballroom 4 INTERVENTIONAL 4 – SPINE HODGE PODGE Moderators: Travis Hillen, MD , Vikas Agarwal, MD and Vinil Shah, MD	
1:30 pm – 1:50 pm	Weight-bearing MR Imaging , MR-Guided Procedures, and Spacers: Future of Spinal Interventions Luigi Manfrè, MD (ESNR)
1:50 pm – 2:10 pm	Minimally Invasive Lumbar Decompression (MILD) Jason Pope, MD
2:10 pm – 2:25 pm	Regenerative Medicine: Practical Considerations Christopher Hancock, MD
2:25 pm – 2:45 pm	US-guided Spine and Peripheral Nerve Interventions: Why US Should be Part of Your Interventional Practices Allison Stout, DO
2:45 pm – 3:00 pm	Vertebral Augmentation Complications – What to do When You're in Trouble Anousheh Sayah, MD (SAM)*
3:00 pm – 3:15 pm	Abstract 7: Intraosseous Basivertebral Nerve Ablation Randomized Control Trial 24-Month Results Tyler Phillips, MD Abstract 8: Treatment for Sacroiliac Joint Pain Using Platelet-rich Plasma (PRP) Regenerative Therapy Miriam Peckham, MD
3:15 pm – 3:30 pm	Q&A
3:30 pm – 4:00 pm	BREAK WITH EXHIBITORS - Zilker Foyer & North Lobby
4:00 pm – 5:00 pm	Interventional Roundtable: ASSR and Industry Experts Discuss Their Vision for Spine Intervention in the FUTURE. (NON-CME) - Zilker Ballroom 4

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AGENDA - DAY 3



SATURDAY, FEBRUARY 26, 2022 FUTURE: ON THE HORIZON OF SPINE IMAGING AND INTERVENTION

6:30 am – 5:15 pm	Registration and Information Desk - <i>Zilker Foyer</i>
7:00 am – 7:30 am	Spinal Cord MRI in MS: Prognosis and Monitoring <i>Alex Rovira, MD (SILAN)</i> (NON-CME) - <i>Zilker 3</i>
7:00 am – 8:00 am	BREAKFAST WITH EXHIBITORS - <i>Zilker Foyer & North Lobby</i>
JOINT SESSION 4 – SPINE ONCOLOGY CURRENT And THE FUTURE - <i>Zilker Ballroom 1 & 2</i> Moderators: <i>Sandra Abi Fadel, MD and Ajay Madhavan, MD</i>	
8:00 am – 8:20 am	Spinal Neoplasm Imaging Advances <i>John Kim, MD</i>
8:20 am – 8:40 am	Radiotherapy Advances <i>Christopher Abraham, MD</i>
8:40 am – 9:00 am	Spine Oncology Current and Future <i>Nicholas Szerlip, MD</i>
9:00 am – 9:20 am	The Evolving Role of the Neurointerventionalist <i>Jack Jennings, MD, PhD</i>
9:20 am – 9:30 am	Q&A
9:30 am – 10:00 am	BREAK WITH EXHIBITORS - <i>Zilker Foyer & North Lobby</i>
CONCURRENT SESSION - <i>Zilker Ballroom 1 & 2</i> DIAGNOSTIC 5 – SPINE TRAUMA Moderators: <i>Tyler Richards, MD and Jennifer McCarty, MD</i>	
10:00 am – 10:15 am	Update on Pediatric Spine Trauma Evaluation <i>Adam Goldman-Yassen, MD, MS</i>
10:15 am – 10:30 am	Relevance of Trauma Grading Systems <i>Roy Riascos, MD (SAM)*</i>
10:30 am – 10:45 am	MRI in Spine Trauma: Current Controversies Current and Future Innovations <i>Jason Talbott, MD, PhD (SAM)*</i>
10:45 am – 11:00 am	Diffusion Imaging in Spine Trauma: Realistic Biomarker? <i>Mahmud Mossa-Basha, MD (SAM)*</i>
11:00 am – 11:15 am	AI in Real Life: Cervical Spine Fracture and Hemorrhage Detection <i>Ichiro Ikuta, MD</i>
11:15 am – 11:30 am	3D Models in Spine Trauma <i>Edward Quigley, MD, PhD (SAM)*</i>
11:30 am – 11:45 am	Abstract 9: Deep Impact of Deep Learning Enhanced Reconstruction on Magnetic Resonance Operations: Initial Spine Experience <i>Mark DeLano, MD</i> Abstract 10: A National Analysis of Patient Outcomes and Costs over Time for Inpatient Vertebral Fractures <i>Neha Siddiqui, MD</i>
11:45 am – 12:00 pm	Q&A
CONCURRENT SESSION - <i>Zilker Ballroom 4</i> INTERVENTIONAL 5 – SPINE ONCOLOGY, FIXATION/IMPLANTS Moderators: <i>Daniel Nguyen, MD and Andy Tomasian, MD</i>	
10:00 am – 10:20 am	Hot Ablation <i>Jay Acharya, MD</i>
10:20 am – 10:40 am	Cold Ablation <i>Andy Tomasian, MD</i>
10:40 am – 11:00 am	Sacral Augmentation <i>Rupert Stanborough, MD</i>
11:00 am – 11:20 am	Update on Injectable Biomaterials <i>Alexis Kelekis, MD, PhD, EBIR</i>
11:20 am – 11:40 am	What's New with Interspinous Spacers? <i>Stefano Marcia, MD (ESNR)</i>
11:40 am – 11:55 am	Abstract 11: Palliative Treatment for Spinal Metastases with Radiofrequency Ablation: Final Results of the OPuS One Multicenter Study <i>Francesco Massari, MD, PhD</i> Abstract 12: Treatment of Painful Lumbar Degenerative Disc Disease: A Feasibility Study with Hydrafil <i>Tyler Phillips, MD</i>

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SATURDAY, FEBRUARY 26, 2022 FUTURE: ON THE HORIZON OF SPINE IMAGING AND INTERVENTION

11:55 am – 12:05 pm	Q&A
12:10 pm – 1:00 pm	LUNCH WITH EXHIBITORS - Zilker Foyer & North Lobby
JOINT SESSION 5 – SPINE IMAGING INNOVATIONS - Zilker Ballroom 1 & 2 Moderators: Jared Narvid, MD and Michael Fazio, MD	
1:00 pm – 1:15 pm	Dual Energy CT of the Spine Eric D. Schwartz, MD (SAM)*
1:15 pm – 1:35 pm	Perfusion Imaging Andre Holodny, MD (SAM)*
1:35 pm – 1:50 pm	Bone / ZTE MRI Mai-Lan Ho, MD (SAM)*
1:50 pm – 2:10 pm	High Field MRI Meng Law, MBBS, MD, FRANZCR
2:10 pm – 2:30 pm	Advanced MR Neurography John Carrino, MD, MPH
2:30 pm – 2:50 pm	Virtual and Augmented Reality in Spine Jay Morris, MD
2:50 pm – 3:00 pm	Q&A
3:00 pm – 3:30 pm	BREAK WITH EXHIBITORS - Zilker Foyer & North Lobby
JOINT SESSION 6 – THE FUTURE OF SPINE - Zilker Ballroom 1 & 2 Moderators: Paul Kim, MD and Marco Pinho, MD	
3:30 pm – 3:50 pm	Artificial Intelligence in Spine Surgery Bo Chopko, PhD, MD
3:50 pm – 4:05 pm	Artificial Intelligence Integration in Spine Imaging Adam Flanders, MD
4:05 pm – 4:20 pm	Faster MRI/Machine Learning Noise Reduction Levi Chazen, MD
4:20 pm – 4:35 pm	Technology in Spine Education Richard Wiggins, MD
4:35 pm – 4:50 pm	Bridging the Spine Imaging Utilization Divide Christie M. Lincoln, MD
4:50 pm – 5:05 pm	Q&A
5:10 pm – 6:10 pm	BUSINESS MEETING (For Members Only) - Zilker Ballroom 4
6:30 pm – 8:30 pm	CLOSING RECEPTION - Zilker Foyer & North Lobby

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PRE-RECORDED LECTURES

The following pre-recorded lectures will be available on the ASSR meeting app. CME is offered unless otherwise noted.

Strange and Rare. A Case-based Review of Spinal Tumors Majda Thurnher, MD (Austria)
Virtual Meetings: What the Audience Wants Gennaro D'Anna, MD (Italy) (NON-CME)
Percutaneous Treatment of Aneurysmal Bone Cysts Mario Muto, MD (Italy)
Things I've Learned Along the Way- Practical Insights Judith Post, MD, FACR
Spine Infections and Differential Diagnosis Sergio Moguillansky, MD (Argentina)
Imaging of Pediatric Cord Tumors Carlos Rugilo, MD (Argentina)
Imaging of Extramedullary and Extradural Tumors Carolina Tramontini, MD (Colombia)
Behind the Curtain: Infections of the Spinal Cord and Intradural Spaces Deepak Patkar, MD
Slaying the Dragon: Interventions for Vertebral Malignancies Professor Suyash Kulkarni
Spine Biopsies: Tricks and Tips Bhavin Jankharia, MD

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AGENDA - DAY 4



SUNDAY, FEBRUARY 27, 2022

6:30 am – 12:00 pm	Registration and Information Desk - <i>Zilker Foyer</i>
7:00 am – 7:30 am	Do You Take Care of Your Spine: Yoga for Spine Health <i>Achala Vagal, MD, MS</i>
7:00 am – 8:00 am	BREAKFAST WITH EXHIBITORS - <i>Zilker Foyer & North Lobby</i>
CONCURRENT SESSION - <i>Zilker Ballroom 1 & 2</i> JOINT SESSION 7 – THE BUSINESS OF SPINE Moderators: <i>Lex Mitchell, MD and Joseph Sullivan, MD</i>	
8:00 am – 8:15 am	Washington Update from a Fellow of the Neiman Policy Institute <i>Joshua Hirsch, MD, FACR, FSIR, FSNIS</i>
8:15 am – 8:30 am	Healthcare Disparities <i>John Jordan, MD, MPP, FACR</i>
8:30 am – 8:45 am	Reimbursement Update <i>Ryan K. Lee, MD</i>
8:45 am – 9:00 am	CPT and RUC Process <i>Gaurang Shah, MD</i>
9:00 am – 9:15 am	Spine Telehealth in the Pandemic Era <i>Jeffrey Stone, MD, FACR</i>
9:15 am – 9:30 am	Q&A
CONCURRENT SESSION - <i>Zilker Ballroom 4</i> YPS SESSION – SPINE PROCEDURES 101 Moderators: <i>Kalliopi Petropoulou, MD and Eric Bourekas, MD, MBA</i>	
8:00 am – 8:15 am	Pre-Procedural Imaging to Optimize Spine Intervention <i>David Besachio, DO</i>
8:15 am – 8:25 am	Lumbar Puncture 101 <i>Brian Rigney, MD</i>
8:25 am – 8:40 am	C1-C2 Puncture <i>Miriam Peckham, MD</i>
8:40 am – 8:55 am	Spinraza/SMA <i>Jacob Ormsby, MD, MBA</i>
8:55 am – 9:10 am	Epidural / Facet Joint Steroid Injection 101 <i>Justin Costello, DO</i>
9:10 am – 9:25 am	Vertebral Biopsy 101 <i>Steven Daniels, MD</i>
9:25 am – 9:35 am	Q&A
9:30 am – 10:00 am	BREAK WITH EXHIBITORS - <i>Zilker Foyer & North Lobby</i>
JOINT SESSION 8 – WHAT'S THE EVIDENCE? - <i>Zilker Ballroom 1 & 2</i> Moderators: <i>Mariza Clement, MD and Saad Ali, MD</i>	
10:00 am – 10:25 am	Speed Talks NON-CME 1. Spontaneous Intracranial Hypotensions: Updates from Diagnosis to Treatment <i>Paul Farnsworth, MD</i> 2. Vascular Lesions of the Spine-a Pictorial Review and Imaging Characteristics <i>Mohamad Hadied, MD</i> 3. The Brachial Plexus-A Pictorial Review of Imaging Anatomy and Common Pathology <i>Anthony Rohana, MD</i> 4. Incidental Extraspinal Findings on MRI of the Spine <i>Dustin Meyer, DO, MS</i> 5. Fast Spine MRI: How to Perform Cervical, Thoracic, and Lumbar MRI of the Spine in 30 Minutes <i>Basem Jaber, MD</i>
10:25 am – 10:45 am	Best Diagnostic Papers 2021-2022 <i>Jennifer Becker, BMedSci, MBBS, MRCS</i>
10:45 am – 11:05 am	Best Interventional Papers 2021- 2022 <i>Reade De Leacy, MBBS, FRANZCR</i>
11:05 am – 11:20 am	ACR LBP AC: Guiding the Clinician <i>Troy Hutchins, MD (SAM)*</i>
11:20 am – 11:35 am	ACR Neck Pain AC: Guiding the Clinician <i>Marin McDonald, MD, PhD (SAM)*</i>
11:35 am – 11:45 am	Q&A
11:45 am – 12:00 pm	ASSR 2023 Introduction and Closing <i>Jack Jennings, MD, PhD and Lubdha Shah, MD, MS</i>

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