



FRIDAY AGENDA

FEBRUARY 19 (9:00 – 19:30) EST

9:00 – 12:00	Virtual Workshop Course
12:00 – 13:00	Industry Partner Presentation/Exhibit Hall
13:00 – 15:12	Joint Session 1: The Spine in Triple Crisis Moderator: <i>TBD</i>
13:00 – 13:30	COVID19 and the Pediatric Spine <i>Susan Palasis, MD</i>
13:30 – 13:50	Spine Care Health Disparities <i>John Jordan, MD</i>
13:50 – 14:10	Spine Interventional Issues During Pandemic – Steroids, Immunocompromise, and COVID <i>Timothy Amrhein, MD</i>
14:10 – 14:30	Economic Consequences of the Crises: Changes in Policies and Reimbursement <i>Melissa Chen, MD</i>
14:30 – 14:50	Best Practices in Spine Telehealth <i>Jeffrey Stone, MD</i>
14:52 – 15:12	Live Q&A
15:15 – 15:30	Industry Partner Presentation/Exhibit Hall
15:30 – 15:45	Industry Partner Presentation/Exhibit Hall
15:45 – 17:57	Concurrent Session: Diagnostic Session 1: Oncologic Imaging Moderators: <i>TBD</i>
15:45 – 16:05	Spinal Imaging Manifestations of Hematologic Malignancies <i>Amit Aggarwal, MD</i>
16:05 – 16:25	Spine Oncology: Assessment and Reporting <i>Wende Gibbs, MD</i>
16:25	Diagnostic Scientific Papers
16:25 – 16:30	<i>TBD</i>
16:30 – 16:35	<i>TBD</i>
16:35 – 16:55	Multidisciplinary Management: Surgical Perspective <i>John Shin, MD</i>
16:55 – 17:15	Multidisciplinary Management: Radiation Oncology Perspective <i>TBD</i>
17:15 – 17:35	Advanced Imaging for Posttreatment Evaluation <i>Kambiz Nael, MD</i>
17:37 – 17:57	Live Q&A
15:45 – 17:57	Concurrent Session: Diagnostic Session 2: Controversies in Advanced Spine Imaging in Trauma Moderators: <i>TBD</i>
15:45 – 16:05	MRI for Spine Trauma – Where is the Evidence? <i>Jason Talbot, MD</i>
16:05 – 16:25	Imaging Biomarkers in Spinal Cord Injury <i>Mossa Basha, MD</i>
16:25	Diagnostic Scientific Papers
16:25 – 16:30	<i>TBD</i>
16:30 – 16:35	<i>TBD</i>
16:35 – 16:55	Spine Ablation: Which Modality and Why? Radiofrequency Ablation and Cryoablation <i>Andy Tomasian, MD</i>
16:55 – 17:15	Spine Ablation: Which Modality and Why? Microwave <i>Majid Khan, MD</i>
17:15 – 17:35	Peripheral Nerve Pain and Therapies <i>David Prologo, MD</i>
17:37 – 17:57	Live Q&A





FRIDAY AGENDA

FEBRUARY 19 *continued* (9:00 – 19:30) EST

15:45 – 17:57 Concurrent Session: Interventional Session 1: Interventional Oncology with SIO/SIR/ASSR
Moderators: *TBD*

15:45 – 16:05 Guidelines and Treatment Algorithms for Treatment of Metastatic Spine Disease
Jack Jennings

16:05 – 16:25 Role of Vertebral Augmentation/Implants in Pathologic Fractures *Steve Yevich*

16:25 Interventional Scientific Papers

16:25 – 16:30 *TBD*

16:30 – 16:35 *TBD*

16:35 – 16:55 Spine Ablation: Which Modality and Why? Radiofrequency Ablation and Cryoablation
Andy Tomasian, MD

16:55 – 17:15 Spine Ablation: Which Modality and Why? Microwave *Majid Khan, MD*

17:15 – 17:35 Peripheral Nerve Pain and Therapies *David Prologo, MD*

17:37 – 17:57 Live Q&A

15:45 – 17:57 Concurrent Session: Interventional Session 2: Multi-Pain Society About Interventional
Pain Procedures
Moderators: *TBD*

15:45 – 16:05 Current State and Downstream Development in Neuromodulation *Tim Deer, MD*

16:05 – 16:25 DRG and Beyond: Emerging Applications of Neuromodulation *Bohdan Chopko, MD*

16:25 Diagnostic Scientific Papers

16:25 – 16:30 *TBD*

16:30 – 16:35 *TBD*

16:35 – 16:55 Peripheral Nerve Stimulation *Brian Rich, MD*

16:55 – 17:15 Endoscopic Techniques *Kent Remley*

17:15 – 17:35 Basivertebral Nerve Ablation *Olivier Clerk – Lamalice, MD*

17:37 – 17:57 Live Q&A

18:00 – 19:30 Opening Night Virtual Social Event





SATURDAY AGENDA

FEBRUARY 20 (9:00 – 19:30) EST

10:00 – 12:00	Joint Session 2: Osteoporosis Treatment Gap with NOF/ASSR/ASNR Moderator: <i>TBD</i>
10:00 – 10:20	Osteoporosis from 10,000 feet Bird-Eye View <i>Andrea Singer, MD</i>
10:20 – 10:40	Osteoporosis Medical Treatment Update <i>Michael Lewiecki, MD</i>
10:40 – 11:00	Socioeconomic Disparities in Utilization of Osteoporotic Augmentation <i>Vwaire Orhurhu, MD</i>
11:00 – 11:20	Preoperative Bone Health Assessment in Patients Undergoing Spine Surgery <i>Kelly Krohn, MD</i>
11:20 – 11:40	Secondary Fracture Prevention Challenges during Pandemic & Advocacy <i>Ann Lake, MD</i>
11:42 – 12:00	Live Q&A
12:00 – 13:00	Industry Partner Presentation / Exhibit Hall
13:00 – 15:22	Concurrent Session: Diagnostic Session 3: AI, Virtual Reality, and All That Data Science Jazz Moderators: <i>TBD</i>
13:00 – 13:20	Artificial Intelligence (AI) Integration in the Spine <i>Adam Flanders, MD</i>
13:20 – 13:40	Virtual Reality <i>Jay Morris, MD</i>
13:40 – 14:00	AI Spine segmentation and Fracture Grading AI Challenges <i>TBD</i>
14:00 – 14:20	Role of Machine Learning, AR, and VR in Spine Surgery <i>TBD</i>
14:20 – 14:40	3D Printing and Visualization in the Spine <i>Edward Quigley III, MD</i>
14:40 – 15:00	AI for Spinal Metastases <i>TBD</i>
15:02 – 15:22	Live Q&A
13:00 – 15:22	Concurrent Session: Diagnostic Session 4: Pediatric Spine Moderators: <i>TBD</i>
13:00 – 13:20	Clinical Trials in Vertebral Augmentation <i>Reade De Leacy, MD</i>
13:20 – 13:40	Morbidity and Mortality Effect from Vertebral Compression Fracture <i>Joshua Hirsch, MD</i>
13:40	Interventional Scientific Paper
13:40 – 13:45	<i>TBD</i>
13:45 – 13:50	<i>TBD</i>
13:50 – 14:20	Implanted Vertebral Augmentation <i>Stefano Marcia, MD</i>
14:20 – 14:40	Sacral Augmentation <i>Sean Tutton, MD, FSIR</i>
14:40 – 15:00	New Tech and Technique in Vertebral Augmentation <i>Alessandro Cianfoni, MD</i>
15:02 – 15:22	Live Q&A
13:00 – 15:12	Concurrent Session: Interventional Session 4: Lumbar Spinal Stenosis Diagnosis and Intervention Moderators: <i>TBD</i>





SATURDAY AGENDA

FEBRUARY 20 *continued* (9:00 – 19:30) EST

13:00 – 13:20	Imaging of Lumbar Spinal Stenosis <i>Gregory Punch, MD</i>
13:20 – 13:40	Adjacent Level Disease, Biomechanics, Imaging, and Intervention <i>Bassem Georgy, MD</i>
13:40 – 14:00	Minimal Invasive Lumbar Decompression (MILD) <i>John Barr, MD</i>
14:00	Interventional Scientific Paper
14:00 – 14:05	<i>TBD</i>
14:05 – 14:10	<i>TBD</i>
14:10 – 14:30	Interspinous Spacers <i>Wayne Olan, MD</i>
14:30 – 14:50	Interspinous Fusion Techniques <i>Doug Beall, MD</i>
14:52 – 15:12	Live Q&A
15:15 – 15:30	Industry Partner Presentation/Exhibit Hall
15:30 – 15:45	Industry Partner Presentation/Exhibit Hall
15:45 – 17:47	Concurrent Session: Diagnostic Session 5: Acute Non-Traumatic Spine Emergencies Moderators: <i>TBD</i>
15:45 – 16:05	Myelopathies <i>Allison Grayev, MD</i>
16:05 – 16:25	Infection and Inflammation <i>Carlos Torres, MD, FRCPC</i>
16:25	Diagnostic Scientific Papers
16:25 – 16:30	<i>TBD</i>
16:30 – 16:35	<i>TBD</i>
16:35 – 16:40	<i>TBD</i>
16:40 – 16:45	<i>TBD</i>
16:45 – 17:05	Ischemic and Hemorrhagic Lesions <i>Anousheh Sayah, MD</i>
17:05 – 17:25	Aneurysms, AVM, and Fistulas <i>Michele Johnson, MD</i>
17:27 – 17:47	Live Q&A
15:45 – 17:47	Concurrent Session: Diagnostic Session 6: Chronic Spine Pathologies Moderators: <i>TBD</i>
15:45 – 16:05	Syringomyelia and Other Cystic Lesions of the Spine <i>Lubdha Shah, MD</i>
16:05 – 16:25	Cervical Spinal Stenosis <i>Jeffrey Ross, MD</i>
16:25	Diagnostic Scientific Papers 6
16:25 – 16:30	<i>TBD</i>
16:30 – 16:35	<i>TBD</i>
16:35 – 16:40	<i>TBD</i>
16:40 – 16:45	<i>TBD</i>
16:45 – 17:05	Thoracic Disc Disease <i>Miriam Peckham, MD</i>
17:05 – 17:25	Adult Congenital Spinal Pathologies <i>Aseem Sharma, MD</i>
17:27 – 17:47	Live Q&A





SATURDAY AGENDA

FEBRUARY 20 *continued* (9:00 – 19:30) EST

15:45 – 17:57 Concurrent Session: Interventional Session 5: Sacroiliac Dysfunction
Moderators: *TBD*

15:45 – 16:05 Sacroiliac Joint Anatomy, Burden, Prevalence, and Workup *Edward Yoon, MD*

16:05 – 16:25 SIJ Imaging Strategies *Carissa White MD*

16:25 Interventional Scientific Papers 5

16:25 – 16:30 *TBD*

16:30 – 16:35 *TBD*

16:35 – 16:55 Sacroiliac Joint Radiofrequency Ablation *William Moore, MD*

16:55 – 17:15 Surgical Treatments: Lateral and Posterolateral *Jeff Donner, MD*

17:15 – 17:35 Surgical Treatments: Posterior *Dawood Sayed, MD*

17:37 – 17:57 Live Q&A

15:45 – 17:57 Concurrent Session: Interventional Session 6: Headache and the Spine
Moderators: *TBD*

15:45 – 16:05 Clinical Approach to Cervicogenic Headache *Kerry Knievel, DO*

16:05 – 16:35 Interventional Headache *Samer Narouze, MD, PhD*

16:35 – 16:55 Anatomy of Upper Cervical Dermatomes *Justin Costello MD*

16:55 – 17:15 SIH: Spinal Imaging Choices *Mark Mamalouk MD*

17:37 – 17:57 Post-Dural Puncture Headache *Michael Malinzak, MD, PhD*

17:37 – 17:57 Live Q&A

18:00 – 19:45 YPS Session: Learning, Teaching, and Practice Building
Moderator: *TBD*

18:00 – 18:20 Education vs. Scholarly Pathway for Promotion *Orlando Ortiz, MD*

18:20 – 18:40 Teaching Tips *Judy Gadde, MD*

18:40 – 19:00 Best Practices of Distance Learning Techniques in a Pandemic Age
Jennifer McCarty, MD

19:00 – 19:20 How to Build a Spine Practice *Amish Doshi, MD*

19:22 – 19:45 Live Q&A



February 19-21, 2021

SUNDAY AGENDA

FEBRUARY 21 (10:00 – 14:20) EST

10:00 – 11:37	Joint Session 3: Spine Care Around the World Moderator: <i>TBD</i>
10:00 – 10:15	Korea: Intradiscal Therapies Using Radiofrequency Techniques <i>Yong-Chul Kim, MD</i>
10:15 – 10:30	Spine Malformation: Concepts and Controversies From International Consensus Group <i>Mai-Lan Ho, MD and Kshitij Mankad, MD</i>
10:30 – 10:45	India: Spinal Tuberculosis <i>Deepak Patkar, MD</i>
10:45 – 11:00	Australia: Radiation Safety in Asia or Non-Traumatic Acute Spinal Emergencies <i>Dinesh Varma, MD</i>
11:00 – 11:15	Columbia, South America: Degenerative Disc Injectable Gel Clinical Trial <i>Alfonso Spath, MD</i>
11:17 – 11:37	Live Q&A
11:40 – 11:55	Industry Partner Presentation/Exhibit Hall
11:55 – 12:25	Gold Medal Winner Presentation
12:25 – 14:20	Joint Session 4: Best of the Best in the Worst of Times Moderator: <i>TBD</i>
12:25 – 12:45	Best of Diagnostic Articles 2020 <i>TBD</i>
12:45 – 13:05	Best of Interventional Articles 2020 <i>TBD</i>
13:05 – 13:25	My Best Diagnostic Cases <i>My Best Diagnostic Cases</i>
13:25 – 13:45	My Best Interventional Cases <i>TBD</i>
13:47 – 14:07	Live Q&A
14:07 – 14:20	Present the Theme of the 2022 Austin Meeting / Closing Remarks <i>Lubdha Shah, MD and Dan T.D. Nguyen, MD</i>

