



Safety in Spine Surgery Month Live Webinar
First Do No Harm: Robotics & Navigation in Spine Surgery:
Views Across Generations of Spine Surgeons

April 21, 2022

7:00 pm – 9:00 pm Eastern Time

Non-CME

7:00 pm	Welcome & Acknowledgement of Supporters	Lawrence Lenke, MD
7:05	Technology and Value Based Care in 2022	Rajiv Sethi, MD
7:11	Q & A	
7:13	How Best to Safely Roll Out New Technologies	Zeeshan Sardar, MD
7:19	Q & A	

Best Paper Award Presentations

7:21	A Radiographic Comparison of Spinal Navigation and Freehand Techniques in Thoracolumbar Pedicle Screw Insertion	Mohammed Munim
7:26	Augmented Reality to Increase Safety in Minimally Invasive Transforaminal Lumbar Interbody Fusion with Total Navigation	Fabian Sommer, MD
7:31	Novel 2D Long Film Imaging Utility to Avoid Wrong Level Spinal Surgery	Rajiv Dharnipragada, BA
7:36	Safety and Feasibility of Augmented Reality assisted Resection of Benign Intradural Extramedullary Tumors	Fabian Sommer, MD
7:41	The Adjunct Use of Descending Neurogenic-evoked Potentials When Transcranial Motor-Evoked Potentials Degrade into Warning Criteria: Minimizing False-Positive Events	Scott J. Luhmann, MD
7:46	Q & A	
7:50	Technology Presentations	
8:00	Panel Discussion: Technology Acceptance and Utilization Across Generations of American Spinal Surgeons Moderator: Rajiv Sethi, MD Panel: Drs. Larry Lenke, Philip Louie, Venu Nemani, Zeeshan Sardar	



8:21	Using Augmented Reality to Plan Spinal Tumor Resection- 2022 vs. 2032	John Shin, MD
8:27	Q & A	
8:29	Transitioning to Navigation and Robotics: What Does the Learning Curve Look Like?	Ronald Lehman, MD
8:35	Q & A	
8:37	Surgical Simulation Improves the Learning Curve for MIS Surgery	Roger Härtl, MD
8:43	Q & A	
8:45	Panel Discussion: Surgical Simulation: Are We There Yet? Moderator: Rajiv Sethi, MD Panel: Drs. Roger Härtl, Han Jo Kim, John Shin, Zeeshan Sardar	
8:51	Q & A	
8:53	Closing Comments & Adjourn	Larry Lenke, MD