

9th Annual Safety in Spine Surgery Summit
May 31, 2024 | New York, NY
Scientific Program

Theme: Enabling Technologies & Safety

7:00 am	Registration and Continental Breakfast	
7:25–7:34	Welcome to SSS!	M. Vitale
Session 1:	Framing the Problem	
7:35–7:43	It’s Worse Than You Think: We are Still Hurting Too Many Patients	R. Sethi
7:44–7:52	Actually, We Have Made a Lot of Strides in Patient Safety in Spine Surgery	L. Lenke
7:53–8:01	Ethics of Introducing New Technology and Patient’s Rights	N. Larson
8:01–8:09	Discussion	
Session 2:	Errors Unique to Robotics: How to Recognize & How to Avoid	Mod: R. Sethi
8:10–8:18	Robotics in Spine: Climbing the Learning Curve	B. Carlson
8:19–8:27	How to Manage when Enabling Technology Disables	J. Lombardi
8:28–8:36	Challenges Specific to Robotics in Pediatrics	D. Hedequist
8:37–8:45	Our Experience in Decreasing Misplacement of Robotically-placed Screws	T. Kim
8:45–8:54	Discussion	
Session 3:	Getting the Most from Enabling Technology	Mod: T. Albert, M. Vitale
8:55–9:14	Panel: Working with Industry on Patient Safety <i>Panelists, J. Lombardi, M. Virk, industry representatives</i>	
9:15–9:35	Refreshment Break	
Session 4:	Optimizing Time in the OR	Mod: E. Klineberg
9:35 –9:43	Do Digital Intraoperative Technologies Have Potential to Improve Care?	R. Härtl
9:44–9:52	The Role of Teams and Systems in IONM	S. Lewis
9:53–10:01	Strategic Team Building and Implications in Patient Safety	J. Flynn
10:01–10:09	Discussion	
Session 5:	Rapid Fire: Technical Pearls–Complication Avoidance	Mod: H.J. Kim, D. Skaggs
10:10–10:14	Proximal Junctional Kyphosis	H. J. Kim
10:15–10:19	SSI	R. Lehman
10:20–10:24	Avoiding and Managing CSF	C. Mandigo
10:25–10:29	3D Printed Models and Guides: What Are They Worth?	R. Sethi
10:30–10:39	Discussion	

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Session 6:	Keynote	Mod: M. Vitale, R. Sethi
10:40–10:44	Introduction to Keynote Speaker	M. Vitale
10:45–11:45	Keynote Address: Stress, Pressure, & Resilience in the Spine Surgeon	Nick Petrie
11:45–11:50	Discussion	
11:50 am–12:30 pm Lunch		
Session 7:	Best Papers & Rapid-Fire Papers	Mod: L. Lenke
12:30–12:34	Best Paper 1: Does a Delay of Surgery Due to a Multidisciplinary Screening Process Result in Neuromuscular Scoliosis Curve Progression in Complex Cerebral Palsy? <i>Barkha Chhabra</i>	
12:35–12:39	Best Paper 2: Comparison of Robotic, CT-Navigated, and Freehand Approaches of Screw Fixation in Correction of Deformity: How Have Outcomes Improved? <i>Samuel Ezeonu</i>	
12:40–12:44	Best Paper 3: Does Pedicle Morphology Affect the Safety and Accuracy of Pedicle Screw Placement Using 3D Printed Guides? A 5-year Single Center Experience with 2,210 Screws Placed for Adult Spinal Deformity Reconstruction <i>Venu Nemani</i>	
12:45–12:49	Discussion	
12:50–12:52	Rapid Fire Paper 4: Long Term Feasibility Study: Opiate Reduction Protocol for Common Outpatient Spine Procedures- A Single-Center Experience <i>Nicholas Eley</i>	
12:53–12:55	Rapid Fire Paper 5: Hydrogen Peroxide Fogging Reduces Spinal Surgical Site Infections Safety <i>Lorena Floccari</i>	
12:56– 12:58	Rapid Fire Paper 6: Utilizing AI to Increase Patient Safety Through Team Alignment Safety <i>Roe Ber</i>	
12:59–1:06	Discussion	
1:07–1:09	Rapid Fire Paper 7: Making Wrong Site Surgery a “Never Event”: Use of a “Landmark Vertebra” Strategy to Eliminate Variability in Identifying a Target Vertebral Level <i>Ritt Givens</i>	
1:10–1:12	Rapid Fire Paper 8: Assessing the Learning Curve of Vertebral Body Tethering in Idiopathic Scoliosis: A Multicenter Analysis <i>Nicholas Vollano</i>	
1:13–1:15	Rapid Fire Paper 9: Evaluation of Intraoperative Noise Levels During Pediatric Posterior Spine Fusion Surgeries <i>Doris Hardacker</i>	
1:16–1:24	Discussion	

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Session 8:	Training and Supporting Each Other	Mod: R. Sethi, J. Flynn
1:25-1:33	Is Enabling Technology Creating Problems with Surgeon Education?	S. Qureshi
1:34-1:42	Dealing with Patient Complications as a Young Surgeon	P. Louie
1:43-1:51	Surgeon Well Being to Maximize Patient Safety	T. Albert
1:52-1:59	Discussion	
2:00-2:19	Panel: Recovering from Post-operative Neurologic Deficit and Other Major Complications as a Surgeon <i>Panelists: Qureshi, Louis, Albert, Lovecchio</i>	Mod: L. Lenke
Session 9:	A Peek at the Bigger Picture	Mod: TBD
2:20–2:28	Creating a Data-rich Environment to Support Value Based Healthcare	R. Sethi
2:29 –2:37	Negotiating for Provider and Patient Care “Wants” and “Needs”	D. Polly
2:38 –2:49	Discussion	
2:50–2:58	How to Make Sense of New Digital Technology	T. Koski
2:59–3:07	National Registries—Why and How?	N. Larson
3:08–3:16	Role of Study Groups and Artificial Intelligence	E. Klineberg
3:17–3:29	Discussion	
3:30	Closing Comments & Adjourn	
3:35	Adjourn	