

NYC-MISS 2025
19th New York City MIS, Endoscopy, Robotics,
3D Navigation, Augmented Reality, VR, and AI Spine Symposium
Case-Based and Hands-On

Friday, December 12-Saturday, December 13

Course Directors: Roger Härtl, MD, and Luiz Pimenta, MD, PhD

PRELIMINARY AGENDA

All talks are 10 minutes + 5 minutes Q&A

Friday, December 12, 2025

7:30 – 7:50 am	Breakfast, Coffee, & Exhibits	
7:50 – 8:00 am	Welcome	Roger Härtl, MD, and Luiz Pimenta, MD, PhD
UPDATES IN MISS Moderators: Roger Härtl, MD, and Ibrahim Hussain, MD		
8:00 – 8:15 am	Evolution of MIS Deformity Surgery	Neel Anand, MD
8:15 – 8:30 am	Prone Transpsoas Lateral Interbody Fusion (PTP)	Luiz Pimenta, MD, PhD
8:30 – 8:45 am	Navigation in Spine Surgery	Roger Härtl, MD
8:45 – 9:00 am	Accurate Biologic Placement During MIS Spine	Galal Elsayed, MD
9:00 – 9:15 am	Thoracic Disc Herniation: Tubular or Endoscopic?	Juan Uribe, MD
9:15 – 9:30 am	Robotics in MIS Spine Tumor Surgery	Ori Barzilai, MD
9:30 – 10:00 am	Coffee & Exhibits	
MASTER SERIES PART 1: MY PREFERRED SURGICAL STRATEGY (HOW AND WHY I DO THIS!) Grade I and II Lumbar Spondylolisthesis Moderators: Luiz Pimenta, MD, PhD, and Ibrahim Hussain, MD		
10:00 – 10:15 am	Zeeshan Sardar, MD	
10:15 – 10:30 am	Enrico Tessitore, MD	
10:30 – 10:45 am	Galal Elsayed, MD	
10:45 – 11:15 am	Coffee & Exhibits	
Degenerative Scoliosis Moderators: Osama Kashlan, MD, and Roger Härtl, MD		
11:15 – 11:30 am	Luiz Pimenta, MD, PhD	
11:30 – 11:45 am	Andrew Chan, MD	
11:45 am – 12:00 pm	Luis Manuel Tumialán, MD	
1- and 2- Level Lumbar Decompression Moderators: Galal Elsayed, MD, and Roger Härtl, MD		
12:00 – 12:15 pm	Osama Kashlan, MD	
12:15 – 12:30 pm	Avelino Parajón, MD	
12:30 – 12:45 pm	Xiaofeng Lian, MD, PhD	
12:45 – 1:45 pm	WORKING LUNCH: AUGMENTED REALITY SESSION	

MISS ENABLING TECHNOLOGIES		
Moderator: Galal Elsayed, MD		
1:45 – 2:00 pm	Augmented Reality-Guided 10-Step TLIF	Roger Härtl, MD
2:00 – 2:15 pm	Spatial Computing: An Integrative Medium in Spine Surgery	Edward Andrews, MD
2:15 – 2:30 pm	Augmented Reality: Where We Are, What’s Coming Next	Frank Phillips, MD
2:30 – 2:45 pm	Fluoro-Based Navigation	Muhammad Abd-El-Barr, MD PhD
2:45 – 3:00 pm	Future Horizons in Spatial Computing	Galal Elsayed, MD
3:00 – 3:30 pm	Coffee & Exhibits	
SOCRATIC BATTLE: TUBULAR VS ENDOSCOPIC		
Moderator: Luiz Pimenta, MD, PhD		
3:30 – 3:45 pm	Tubes!	Roger Härtl, MD
3:45 – 4:00 pm	Endoscopes!	Choll Kim, MD
4:00 – 4:15 pm	Q&A	
MASTER SERIES PART 2: HOW WOULD YOU DO THIS?		
1- to 3- Level Cervical Degenerative Disease		
Moderators: Roger Härtl, MD, and Ibrahim Hussain, MD		
4:15 – 4:30 pm	Jesús Lafuente, MD	
4:30 – 4:45 pm	J Patrick Johnson, MD	
4:45 – 5:00 pm	Michael Virk, MD, PhD	
FINAL TALKS		
5:00 – 5:15 pm	Defining the Value of Disruptive Technologies	Juan Uribe, MD
5:15 – 5:30 pm	How to Build a Career in MIS and Balance Your Life	Michael Wang, MD
5:30 – 5:45 pm	Role of Endoscopy in Spine Surgery	Christoph Hofstetter, MD, PhD
5:45 – 6:00 pm	Disc Arthroplasty in Athletes	Robert Watkins, MD
6:00 – 6:15 pm	Multicenter Trial for Minimally Invasive Posterior Cervical Fusion	Joshua Heller, MD, MBA
6:15 – 6:30 pm	Closing Remarks and Lecture Evaluations	Roger Härtl, MD, and Luiz Pimenta, MD, PhD

Saturday, December 13, 2025

7:30 – 7:45 am	Registration & Breakfast	
TECHNIQUES AND HANDS-ON LAB		
7:45 – 8:00 am	Lab Overview and Instructions	Roger Härtl, MD
8:00 am – 2:00 pm	Surgical Demonstration and Lab Dissection (Coffee and refreshments will be available outside the lab.)	All Faculty
2:00 – 3:30 pm	WORKING LUNCH: AUGMENTED REALITY SESSION	
3:30 – 3:45 pm	Closing Remarks, Course Evaluation, Adjourn	Roger Härtl, MD