

Complication Avoidance and Management in Minimally Invasive Spine Surgery

May 29-30

Spine Education & Research Center
Burr Ridge, IL

Agenda:

Friday, May 29

7:30 a.m.	Registration, Continental Breakfast
8:00-8:10 a.m.	Welcome and Course Overview
8:10-8:40 a.m.	Surgeon Learning Curve-How to Incorporate MIS into Your Current Practice
	Patient Selection
	Radiographic Anatomy Relating to Minimally Invasive Technique
Selection	
	Understanding Basic Tubular Retractor Systems and Function
	Complication Avoidance and Pearls in Patient and Technique Selection
8:40-9:10 a.m.	Operating Room Setup
	Surgeon Work Flow
	Operating Table Options
	Retractor
	Fluoroscopy
	Microscope
	3D Imaging
	Necessary Equipment and Backup Supplies
	Complication Avoidance and Pearls in Operating Room Setup
9:10-9:25 a.m.	Break
9:25-10:00 a.m.	Percutaneous Instrumentation
	Understanding Radiographic Anatomy
	Technique-Pedicle Screws, Interbody Cage, Rod Passage Over Multiple Levels
	Complication Avoidance and Pearls in Percutaneous Instrumentation
10:00-10:15 a.m.	Break/Switch to Lab Session

10:15 a.m.-12:30 p.m.

Hands-on Skills Lab

Multilevel Percutaneous Pedicle Screws with Rod Passage
Bilateral Decompression Through Unilateral Approach

12:30-1:30 p.m.	Lunch/Case Discussions
1:30-2:00 p.m.	Intraoperative Challenges: The Obese Patient
2:00-2:30 p.m.	Intraoperative Challenges: Difficult Neurologic Anatomy
2:30-2:45 p.m.	Intraoperative Challenges: Adequately Decompressing Bilaterally and Over Multiple Levels
2:45-3:00 p.m.	Break/Switch to Lab Session

3:10-5:30 p.m.	Hands-on Skills Lab Multilevel MIS TLIF
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5:30-6:30 p.m. Reception for all attendees

Saturday, May 30

7:30 a.m.	Continental Breakfast
8:00-8:15 a.m.	Overview of Lateral Surgery
8:15-8:30 a.m.	Multilevel Lateral Surgery
8:30-8:45 a.m.	Lateral Approach Related Complications/Pearls
8:45-9:15 a.m.	Accessing Difficult Levels Laterally
9:15-9:30 a.m.	Safely Placing a Wide Cage Laterally
9:30-9:50 a.m.	What is the Best Approach to L4/5
9:50-10:00 a.m.	Postoperative Challenges: Postsurgical Durotomy Management
10:00-10:10 a.m.	Postoperative Challenges: What to Do With the Patient that Wakes Up With a New Neurologic Deficit
10:10-10:30 a.m.	Postoperative Challenges: Instrumentation Failure (Misplaced Screws, Cage Migration)
10:30-10:40 a.m.	Break/Switch to Lab Sessions

10:40 a.m.-12:30 p.m.	Hands-on Skills Lab Lateral Surgery
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12:30 p.m. Course Adjourns