

**10th Annual UCSF Techniques in Complex Spine Surgery Program  
November 5, 2021  
V'Dara Las Vegas, NV**

7:30 am	<i>Registration and Continental Breakfast</i>	
8:00 am	<b>Welcome</b>	<b>Christopher Ames, MD Vedat Deviren, MD</b>
8:05	<b>Interbody Selection Algorithm for MIS Surgery</b>	<b>Praveen Mummaneni, MD</b>
8:25	<b>Thoracic En Bloc Spondylectomy Techniques”</b>	<b>John H. Chin, MD</b>
8:45	<b>Enhanced Recovery After Spine Surgery (ERAS) at Two Academic Institutions”</b>	<b>Corrina Zygourakis, MD</b>
9:05	<b>Evolution of MIS Capacity for Deformity Correction</b>	<b>Robert Eastlack, MD</b>
9:25	<b>Honored Speaker Introduction</b>	
9:30	<b>Complication Classification in Spinal Surgery</b>	<b>Eric Klineberg, MD</b>
10:00	<b>Question and Answer</b>	
10:20	<i>Coffee Break</i>	
10:40	<b>Treating Single Level lumbar Disease in the Setting of Spinal Deformity – What is the Right Answer?</b>	<b>Deeptee Jain, MD</b>
11:00	<b>PJK Prevention Strategies</b>	<b>Han Jo Kim, MD</b>
11:20	<b>Leveraging the Quality/Value Equation with Navigation and Robotics in Complex Spine Surgery</b>	<b>Rajiv Sethi, MD</b>
11:40	<b>Question and Answer</b>	
12:00pm	<i>Lunch</i>	
1:30	<b>Pediatric Deformity Presenting in Adulthood, Surgical Techniques and Considerations</b>	<b>Kushagra Verma, MD</b>
1:50	<b>Adult Idiopathic Scoliosis Classification and Treatment</b>	<b>Joseph Osorio, MD</b>
2:10	<b>En Bloc Spondylectomy and Reconstruction Techniques for Tumor</b>	<b>John Shin, MD</b>
2:30	<b>Osteotomy Technique Step By Step</b>	<b>Vedat Deviren, MD</b>
2:50	<b>Question and Answer</b>	
3:10	<i>Coffee Break</i>	
3:30	<b>Honored Speaker Introduction</b>	
3:35	<b>Revision Strategies for Harrington Rod Instrumentation: Radiographic Outcomes and Complications</b>	<b>Christopher DeWald, MD</b>
4:05	<b>Cervical Deformity</b>	<b>Christopher Ames, MD</b>
4:25	<b>Early Results for Robotic Assisted Minimally Invasive Scoliosis Surgery with Patient Specific Implants for Precise 3D Alignment. How AI and Robots Create Predictable Outcomes</b>	<b>Gregory Poulter, MD</b>
4:45	<b>Radiographic Evaluation of Minimally Invasive Instrumentation and Fusion for Treating Unstable Spinal Column Injuries</b>	<b>Daniel Cavanaugh, MD</b>
5:05	<b>Question and Answer</b>	
5:35pm	<i>Adjourn</i>	
5:35pm	<b>Course Reception Course Reception Dinner Included in Tuition for Attendee</b>	

**10th Annual UCSF Techniques in Complex Spine Surgery Program**  
**Surgical Lab**  
**November 6, 2021 Las Vegas, NV**

8:30am	<i>Continental Breakfast</i>	
9:00	<b>Session Group A: Cadaver AM Session</b>	Sina Pourtaheri, MD
9:00		Moderators:
	<b>Session Group B: Lecture and Case Discussions</b>	Eric Klineberg, MD
		Aaron Clark, MD
		Bobby Tay, MD
12:00pm	<i>Lunch – Included with Tuition</i>	
1:00		Moderators:
	<b>Session Group A: Lecture and Case Discussions</b>	Dean Chou, MD
		Rishi Wadhwa, MD
		Lionel Metz, MD
4:00pm	<i>Course Adjourns</i>	
	<b>Cadaver Stations to include:</b>	
	<ul style="list-style-type: none"><li>• Anterior exposure and LIF/ Lateral and Oblique Interbody Fusion</li><li>• C1-C2 Screw placement/Cervical Osteotomy</li><li>• TL PSO VCR/ Thoracolumbar PSO/VCR</li><li>• Pelvic Fixation/En Bloc Resection techniques</li><li>• Posterior Pedicle Screw Fixation/Post Osteotomy/Screws</li></ul>	