

10th Spine Deformity Solutions: A Hands-On Course
Methodist Institute for Technology, Innovation and Education
(MITIE)
Houston, TX, USA
February 15-17, 2018

Thursday, February 15, 2018	
6:00pm 6:30pm	Faculty briefing & light dinner Participant registration, Welcome Reception
7:00pm	Fireside Chats Theme of the Fireside Chats: Radiographic Evaluation and Planning for Correction of Spinal Deformity 1) Adult Deformity – Moderator Helton Defino Faculty- Alanay, Montalvo, Gupta, Dimar, Hanson 2) Pediatric Deformity – Moderator Sucato Faculty – Andujar, Dahl, Legarreta, Meneses, Munhoz da Rocha 3) Cervical Deformity – Moderator Kim Faculty- Marco, Reyes-Sanchez, Yurac
Friday, February 16, 2018	
7:30	Breakfast, Welcome, Introduction to SRS at Marriott
SESSION 1: THORACOLUMBAR OPEN AND MINIMALLY INVASIVE POSTERIOR TECHNIQUES Lectures (10 mins + 5 mins discussion) Moderator: Munish Gupta, MD	
7:45am	Fixation of Thoracic, Lumbar, Sacrum and Pelvis <ul style="list-style-type: none"> • Hooks • Pedicle Screws • Iliac Screws • S2AI Screws Fixation and Thoracic Lumbar and Sacrum and Pelvis <i>Mauricio Montalvo</i>
8:00am	Minimally Invasive Stabilization of the Thoracolumbar Spine with Percutaneous Screws and Navigation <i>Ratko Yurac</i>
8:15am	Direct Lateral (trans psoas) and Oblique Lateral Approach to the Lumbar Spine- Degenerative Condition <i>Juan Uribe</i>
8.30am	Proceed to MITIE Cadaver Lab & change of clothing
9:00-10:20am	Lab Session 1 – Rotation 1
<i>Group 1</i>	5 stations, cadaver prone, without C-arm Insertion of Hooks, Pedicle Screws, Sacro-Pelvic Fixation Thoracic-Lumbar-Ilium. Open, anatomy based Left side of the spine only

Group 2	5 stations cadaver lateral decubitus + C arm Lateral Lumbar Approach, from left side MIS Screws, left side only S2Ala-Ilium Screws, left side only (Each group does two discs in the upper lumbar spine) (L1-2-3)
10:20-10:40am	BREAK
10:40am-12.00pm	Lab Session 1 – Rotation 2
Group 2	5 stations, cadaver prone Insertion of Hooks, Pedicle Screws, Sacro-Pelvic Fixation. Thoracic-Lumbar-Ilium. Open, anatomy based Right side of the spine only
Group 1	5 stations cadaver lateral decubitus + C arm Lateral Lumbar Approach, from left side MIS Screws, right side only S2Ala-Ilium Screws, right side only (Each group does two discs in the lower lumbar spine) (L3-4-5)
12:00pm	Proceed to Marriott
12:15pm-12:45pm	Lunch
SESSION 2: OSTEOTOMIES AND PELVIC FIXATION Lectures (10 mins + 5 mins discussion) Moderator: Helton Defino, MD	
12:45pm	Posterior Column Osteotomies Including Wide Release Ponte and Smith-Peterson Osteotomy – <i>Luis Eduardo Munhoz Da Rocha</i>
1:00pm	Pedicle Subtraction Osteotomy <i>Andre Andujar</i>
1:15pm	Vertebral Column Resection <i>Ahmet Alanay</i>
1:30pm	Complications of Osteotomies <i>Munish Gupta</i>
1:45pm	Proceed to MITIE Cadaver Lab
2:00pm	Session 2 10 stations, all cadavers prone No rotation
Session 2A 2:00-5:15 pm	Posterior Column Osteotomies Ponte Multiple Levels Between L1- L5 Smith-Peterson Osteotomy and PSO in the Lumbar Spine (Osteotomy at L3, participants share left/right side) Posterior Column Osteotomies, Ponte and Smith-Peterson Osteotomy at Multiple Levels and Vertebral Column Resection of the Thoracic Spine (at T9)
3:30pm	BREAK – didn't break in Bangkok, keep going/add VCR to part A?
5:30pm	Adjourn
	Faculty dinner, participants free night out

Saturday, February 17, 2018	
7:30am	Breakfast and Welcome at Marriott
SESSION 3: CERVICAL DEFORMITY Lectures (10 mins + 5 mins discussion) Moderator: Benny Dahl, MD, PhD, DMSci	
7:45am	Anterior Cervical Discectomies and Corpectomies- Indications, Approach and Execution <i>Darrell Hanson</i>
8:00am	Occipital and Cervical Fixation with Cervical Pedicle Screws, and Lateral Mass Screws Indications, Approach and Execution <i>Juan Uribe</i>
8:15 am	Planning and Execution for Cervical Osteotomies <i>Han Jo Kim</i>
8:30 am	Complications of Cervical Spine <i>Rex Marco</i>
8:45 am	Discussion
9:00 am	Proceed to MITIE Cadaver Lab & change of clothing
9:30 am	Session 3 10 stations Same tables
Session 3A 9:30 – 10:45 am	10 stations, cadaver supine: Anterior Approaches to the Cervical Spine and Cervicothoracic Junction
10:45am	Break – lab staff to turn the cadaver to prone position
Session 3B 11:15am – 12:30 pm	10 stations: Posterior Cervical Reconstruction from Occipital to T2 Deformity Correction Techniques-C7PSO **take C7 PSO out?
12:30pm	Proceed to Marriott
12:45	Lunch & lectures begin
SESSION 4: ANTERIOR AND LATERAL APPROACH-THORACIC & LUMBAR SPINE Lectures (10mins + 4mins discussion) Moderator: Ahmet Alanay, MD	
1:00pm	Anterior Trans pleural Thoracic Approaches-Deformity, Tumor, Trauma; Lateral (Flank)Thoracolumbar -Lumbar Retroperitoneal Approach for Anterior Column Reconstruction and Release <i>Alejandro Reyes-Sanchez</i>
1:20pm	Anterior Techniques with Anterior Lumbar Interbody Fusion, Retroperitoneal Anterior Approach to L5-S1, L4-5 and L3-4 <i>Helton Defino</i>
1:35pm	Complications of Anterior and Lateral Surgery: How to Deal with Them <i>John R. Dimar, II, MD</i>
1:50pm	Complications of Posterior Instrumentation (Open and Minimally Invasive Surgery) <i>Benny T. Dahl, MD, PhD, DMSci</i>
2:05pm	Non-Neurologic Complications of Spine Surgery <i>David Meneses</i>
2:20pm	Proceed to MITIE Cadaver Lab
Session 4 2:35pm	Anterior Thoracic Transpleural Approach (Mid-Thoracic) Anterior Lumbosacral Retroperitoneal Approach + ALIF L5-S1 & Exposure L4-5
4:30	Open Question & Answer Wrap Up Session
5:00	Adjourn

