

## **Cairo Agenda**

### **Thursday Aug 2**

10:00-17:00	Registration	
10:00-15:00	Pre-Meeting activity: Platinum support day (Medtronic)	

### **Friday Aug 3**

10:00-20:00	Registration	
15:00-17:30	Pre-Meeting activity: Coflex Symposium (Paradigm Spine)	
18:00-18:30	Opening Ceremony	Saoud, Hafez
18:30-18:45	Welcome and Introduction, Agenda	Benzel
18:45-19:15	Evidenced based decision making	Lieberman
19:15-19:45	Selection of Pts for Surgery	Eichler
19:45-20:15	Non-operative treatment Overview	Benzel
20:15-21:00	Cases Introduction	Orr

21:00	Opening Reception	
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### **Sat Aug 4 08:30-18:00**

08:30-09:00	Biomechanics of spinal column failure and disc degeneration	Benzel
09:00-9:30	Approaches to the cervical spine Overview	Trost
09:30-09:50	Fundamentals of biomechanics and screws	Orr
09:50-10:10	Biomechanics of Failure of the Cranio-cervical Junction	Hafez
10:10-10:30	Craniocervical Stabilization	Zileli
10:30-11:15	Break	
11:15-11:35	Ventral Cervical Stabilization	Trost
11:35-12:00	Dorsal cervical fixation and laminoplasty	Eichler
12:00-12:30	Cervical Trauma Principles of management	Schlenk
12:30-12:45	Cervical disc arthroplasty Techniques and pt selection	Pimenta

12:45-13:00	Outcomes and complications	Trost
13:00-14:00	Lunch	
14:00-14:20	Orthoses	Benzel
14:20-14:40	Biomechanics of motion preservation	Lieberman
14:40-15:00	Bone physiology, bone grafting and alternatives	Hafez
15:00-15:30	More with less: Spine Strategies in the developing World	Orr
15:30-16:15	Break	
16:15-16:45	Vertebroplasty and Kyphoplasty	Schlenk
16:45-18:00	Cases	Nakagawa Eichler
19:00	Social Event	

**Sun Aug 5 08:30-18:00**

08:30-08:50	Thoracolumbar approaches Overview	Eichler
08:50-09:10	Pedicle screw, facet screw translaminar screw techniques	Lieberman
09:10-09:30	Lumbosacral fixation techniques	Saoud
09:39-09:45	Biomaterials metallurgy	Schlenk
09:45-10:00	Thoracolumbar stabilization strategies	Orr
10:00-10:30	Spinal infections	Hadjipavlou
10:30-11:15	Break	
11:15-11:45	Thoracolumbar Trauma	Eichler
11:45-12:05	Interbody fusions Indications and techniques	Orr
12:05-12:25	Biomechanics of deformity correction	Schlenk

12:25-13:00	Cases	Thanh Trost
13:00-14:00	Lunch	
14:00-14:30	Principles of deformity treatment	Orr
14:30-15:00	Spinal Osteotomy techniques	Orr
15:00-15:30	Image guidance	Lieberman
15:30-16:00	Complications: Avoidance and Treatment	Saoud
16:00-16:45	Break	
16:30-18:00	Cases	Lieberman Thanh
19:00	Social Event Gala Dinner	

**Mon Aug 6 08:00-10:00**

08:30-09:00	Minimally Invasive Surgery indications and techniques	Lieberman
	09:00-09:15 Lumbar Motion preservation Indications and techniques	Pimenta:
09:15-09:30	Outcomes and complications	Trost
09:30-10:00	Spine tumors diagnosis and management	Hadjipavlou
10:00-10:30	Course Wrap up	Benzel
11:00	Buses Leave for Alexandria	
14:00	Arrive Alexandria	
20:00	Return Cairo	

**Hands On Cadaver Course**  
**Cairo University**

**Tuesday Aug 7<sup>th</sup> 10:00-19:00**

10:00-10:30	Approaches to the occipitocervical junction	Zileli
10:30-12:00	<b>Lab 1 Transoral and Craniocervical approaches</b>	
12:00-12:30	Ventral Approaches to the subaxial spine	Schlenk
12:30-13:30	Lunch	
13:30-15:00	<b>Lab 2 Ventral cervical exposures and fixation</b>	
15:00-15:20	Dorsal cervical approaches	Eichler
15:20-15:40	Dorsal cervical fixation techniques	Lieberman
15:40-16:00	Break	
16:00-18:00	<b>Lab 3 Dorsal approaches and fixation techniques</b>	
18:00-19:00	Clinical strategies and cases	Benzel/Orr

**Wed Aug 8<sup>th</sup> 08:30-18:00**

08:30-09:00	Surgical exposure of the cervicothoracic region	Trost
09:00-10:45	<b>Lab 4 Exposure of the Cervicothoracic region</b>	
10:45-11:00	Break	
11:00-11:30	Ventral and lateral Exposure of the thoracolumbar spine	Eichler
11:30-13:15	<b>Lab 5 Ventral and Lateral thoracic exposures and instrumentation</b>	
13:15-14:15	Lunch	
14:15-14:45	Dorsal and dorsolateral approaches to the thoracolumbar spine	Eichler

14:45-15:15	Dorsal fixation techniques screws, hooks, wires	Trost
15:15-17:15	<b>Lab 6 Dorsal and dorsolateral thoracic exposures</b>	
17:15-18:00	Cases	Hafez/Saoud

**Thur Aug 9<sup>th</sup> 08:30- 14:00**

08:30-0850	Ventral lumbar and sacral exposure and instrumentation	Orr
08:50-10:15	<b>Lab 7 ventral and lateral lumbar exposure and instrumentation</b>	
10:30-10:50	Lumbosacral pelvic fixation techniques	Saoud
10:50-12:30	<b>Lab 8 Dorsal lumbar and lumbosacral instrumentation</b>	
12:30-13:00	Course wrap-up	Benzel

## **MIS Add on Lab**

Thur Aug 9<sup>th</sup> 13:30-19:00

13:30-13:45 Intro Why MIS Lieberman

13:45-14:00 Technique of MIS TLIF Orr

14:00-16:00 A Group Lab B Group Cases

16:00-18:00 A Group Cases B Group Lab

18:00-18:30 Wrap up  
Plan for MIS lab

6 participants per cadaver 2 cadavers

Divide into 2 groups of 6

3 per cadaver in 2 sessions

1<sup>st</sup> lab Left L1/2, L3/4 and L5/S1

2<sup>nd</sup> lab Right T12/L1, L2/3 and L 4/5

One instructor per cadaver

When not in lab

2 faculty available for case review with participants. Participants must bring cases