



MARMARA  
UNIVERSITY

in collaboration with  
WFNS Spine Committee  
Middle East Spine Society  
Turkish Neurosurgical Society Spinal and Peripheral Nerve Surgery Group

**MARMARA UNIVERSITY**

Institute of Neurological Sciences

School of Medicine, Departments of Neurosurgery and Anatomy

Istanbul, Turkey

# ISTANBUL CADAVER COURSE - SPINE

Thoracic, Lumbar, Sacral Spine Surgery

Course Directors:

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[www.istanbulcadavercourse.com](http://www.istanbulcadavercourse.com)

24-26  
FEBRUARY 2023

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## Invitation

It is our pleasure to announce that the “Istanbul Spine Cadaver Course- Thoracic, Lumbar Sacral Spine Surgery” will be held at The Marmara University, Institute of Neurological Sciences and Marmara University, Faculty of Medicine, Department of Anatomy, and Department of Neurosurgery, in Istanbul, February 24-26, 2023.

The course will be organized in collaboration with the World Federation of Neurosurgical Societies (WFNS) Spine Committee, Middle East Spine Society (MESS) and Turkish Neurosurgical Society Spinal and Peripheral Nerve Surgery Group.

Precise clinical anatomy knowledge is of paramount importance in spine surgery, and better surgical technique will contribute to more successful surgical procedures. In the course of the organization, hands-on training on cadavers will be given by a faculty who are experts in their fields of neurosurgery and neuroanatomy. The practical workshop will also be supported by theoretical presentations. We will discuss Thoracolumbar, Sacroiliac Instrumentation, osteotomies and deformity correction techniques.

We look forward to seeing you in Istanbul, on February 24-26, 2023.

### **Organizing Committee**

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## Day 1: Thoracic, Lumbar, Sacroiliac Surgical Approaches and Instrumentation

### Faculty of Medicine Conference Hall

08:00-08:30 Opening

### Moderator: Mehmet Zileli

Time	Title	Speaker
08:30-08:45	Thoracic, Lumbar and Sacral region vertebral Anatomy	Ural Verimli
08:45-09:00	Thoracic, Lumbar and Sacral region paravertebral anatomy	Ural Verimli
09:00-09:15	Posterior and posterolateral surgical approaches to thoracolumbar spine	Mehmet Zileli
09:15-09:30	Lateral approaches to the lumbar spine	Sait Naderi
09:30-09:45	Anterior approaches to the lumbar and lumbosacral junction	Cumhur Kılınçer
09:45-10:00	Surgical approaches for thoracic disc herniations	Salim Şentürk
10:00-10:15	Surgical approaches for lumbar disc herniations	Alparslan Şenel
10:15-10:30	Surgical approaches for lumbar spinal stenosis	Kudret Türeyen
10:30-11:00	Coffee break	
11:00-13:00	<b>Cadaver Lab 1</b> Lumbar microdiscectomy, lumbar far lateral approach, thoracic transpedicular approach, costotransversectomy (6 tables) Vertebroplasty, biopsy (1 table with C arm)	All
13:00-13:30	Lunch break	
<b>Moderator: Kemal Koc</b>		
13:30-13:45	Thoracic pedicle screw insertion and cervicothoracic junction fixation techniques	Şükrü Çağlar
13:45-14:00	Lumbar pedicle screw insertion and thoracolumbar junction fixation techniques	Cumhur Kılınçer
14:00-14:15	Sacral and ilial screw insertion; S1, S2, Sacroiliac, Sacroalar techniques	Ender Ofloğlu
14:15-14:30	Interbody fusion techniques: TLIF, PLIF, ALIF	Salim Şentürk
14:30-14:45	Vertebral augmentation techniques	Erkin Sönmez
14:45-15:15	Coffee break	
15:15-17:15	<b>Cadaver Lab 2</b> Thoracic and lumbar pedicle screw placement (6 tables) Vertebroplasty, biopsy (1 table with C arm)	All
17:15-17:45	Video presentation and case discussion Case 1 : Mehmet Zileli Case 2 : Alparslan Şenel Case 3 : Sukru Çağlar Case 4 : Kudret Tureyen Case 5 : Salim Şentürk Case 6 : Ulkun Ünsal	

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## Day 2: Thoracolumbar Instrumentation and Deformity Correction

08:45-18:00 Faculty of Medicine

### Moderator: Alparslan Şenel

Time	Title	Speaker
08:45-09:00	Percutaneous lumbar screw placement	Mirza Pojskic
09:00-09:15	Prevention and management of proximal junctional kyphosis	Ülkün Ünsal
09:15-09:30	Management of osteoporotic vertebral fractures	Serdar Kahraman
09:30-09:45	Management of implant complications	Onur Yaman
09:45-10:00	Total sacrectomy and spinopelvic reconstruction	Mehmet Zileli
10:00-10:15	Coffee break	
10:15-12:15	<b>Cadaver Lab 3</b> Lumbar and ilial screw placement, TLIF and PLIF (7 tables)	All
12:15-13:00	Lunch break	
<b>Moderator: Onur Yaman</b>		
13:00-13:15	Sagittal and coronal balance definition and radiologic measurements	Mohamed Zohair Shaker
13:15-13:30	Sagittal balance analysis, correction calculation and osteotomy planning	Güçlühan Güçlü
13:30-13:45	Osteotomy classification	Onur Ulu
13:45-14:00	Ponte and SPO osteomy: indications and technique	Ender Köktekir
14:00-14:15	PSO osteotomy: indications and technique	Süleyman Çaylı
14:15-14:30	VCR osteotomy : indications and technique	Yahya Güvenç
14:30-15:00	Coffee break	
15:00-17:00	<b>Cadaver Lab 4</b> 7 tables: Correction Techniques for deformity and scoliosis	All
17:00-18:00	Video presentation and case discussion Case 7: Serdar Kahraman Case 8: Mirza Pojskic Case 9 : Murat Baloğlu Case 10: Osama Arim Case 11: Doga Ugurlar Case 12: Yener Şahin Case 13:Erdal Yayla	
19:00	Dinner	

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## Day 3: Deformity Correction and Osteotomy

**Moderator: Ferhat Harman**

Time	Title	Speaker
09:00-09:15	Surgical correction techniques for spinal deformity	Yahya Guvenc
09:15-09:30	Role of osteotomies in the treatment of fixed sagittal imbalance	Ülkün Ünsal
09:30-09:45	Treatment of congenital scoliosis with tethered cord, diastematomyelia, bar etc.	Onur Yaman
09:45-10:00	How to treat adolescent idiopathic scoliosis	Kemal Koç
10:00-10:15	What to do when the neuromonitor shows signs of neurological deficits during spine deformity surgery	Numan Karaaslan
10:15-10:30	Coffee break	
10:30-12:00	<b>Cadaver Lab 5</b> Osteotomy: Facet and pedicle subtraction, Tomita surgery (4 tables) Thoracotomy and lumbar anterolateral retroperitoneal approach (3 tables)	All
12:30-13:30	Video presentation and case discussion Case 14: Kemal Koç Case 15: Süleyman Çaylı Case 16: Onur Yaman Case 17: Ender Ofluoglu Case 18: Adnan Demirci Case 19: Fatih Akbulut Case 20: Onur Erdoğan	
13:30	Closing	

## Organising Committee

Prof. İbrahim Ziyal, Prof. Adnan Dagainar, Prof. Umit Sehirli, Prof. Mehmet Zileli,  
Assoc. Prof. Yahya Guvenc, Assist Prof. Mustafa Sakar, Assist Prof. Ural Verimli

## Registration

**Course Registration Fee : 1000 USD\***

**Registration fee includes;**

- Course Materials (badge, registration kit)
- Refreshments morning & afternoon coffee and tea breaks, lunch on the course dates

\* The rate is in USD and includes 18%VAT. In the event of VAT increase, the resulting increase will be passed on to the client.

**Online Registration:**

<https://istanbulcadavercourse.com/registration/>

**Registration Contact:**

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