



# **Turkish Spine Society**

## **Basic Diploma**

(Equivalent to EUROSPINE Diploma)

6 modules  
e-Learning lessons  
Hands-on sessions  
Constructed case discussion

**Course 1**  
Module 1,2,3  
**Istanbul, 5-7 January 2024**

## Değerli meslekdaşlarım,

Türk Omurga Derneğinin yaklaşık 2015 yılından beri devam eden ve EUROSPINE (Spine Society of Europe) ile akredite olan “Temel Diploma Modülleri” ni bu sene format değiştirerek yeniden gerçekleştiriyoruz. Pandeminin getirdiği sanal toplantı alışkanlığı her ne kadar yüz yüze eğitimin yerine geçerse de yerini yavaş yavaş eski tip toplantılara bırakmaktadır. Ancak bu alışkanlığın getirdiği e-learning formatı eğitimsel faaliyetleri içinde zaman ve mekan avantajı sunan başka bir boyuta getirmiştir. Hibrid toplantı kavramı, içeriği yoğun olan kurslarda eğitimin interaktif parçasını ön plana çıkararak daha kullanışlı bir formattır. Bu tarz hibrid toplantılarda, katılımcı konsantrasyonunun yoğun olması gereken ezber-yüklü sunumları web üzerinden izleyebilmekte ve sunumun gerekli parçalarını tekrar ederek kafasında daha az soru ile sunumun içeriğini alabilmektedir. Bu sene yapacağımız hibrid toplantıda 70 (6 modül için ) adet elektronik öğrenme dersi sizlere sunulmaktadır. Bununla birlikte “tutor” lar tarafından yönetilecek küçük masa toplantılarıyla birçok yapılandırılmış olguyu toplantının yüz-yüze kısmında sunacağız. Bununla birlikte tüm modüller içine dağıtılmış dört adet “atölye” oturumu olacak.

Kursumuzun genel formatı ile ilgili kısaca bilgi vermek gerekirse; bu eğitim faaliyeti temelde 6 modülden oluşmaktadır. Altı modül genellikle iki toplantı şeklinde her yıl yapılmaktadır. Altı modülü aynı yıl içinde tamamlama zorunluluğu yoktur. Eski modüllerden eksikleri olanlar yeni formattaki modülleri alarak eksiklerini tamamlayabilirler. Bu pozisyondaki katılımcıların geçen sene müfredatımıza eklenen 6. Modülü’de tamamlamaları gerekmektedir. Altı modülü tamamlayan katılımcıların isimleri Eurospine sekreteryasına iletilmektedir. Bu aşamadan sonra katılımcılar Eurospine ile iletişime geçerek diplomalarını alabilirler. Omurga hastalıkları ile uğraşan herhangi bir sağlık sunucusu bu programa katılabilir. Asistanlığın son yılındaki “uzmanlık öğrencilerinden” başlayarak uzmanlığının herhangi bir yılında olan hekimler öğrenmek ya da bilgilerini güncellemek için Diploma Modüllerinden faydalanabilirler.

Bu yeni formatı ile içeriği daha geniş daha interaktif ve dolayısıyla daha fazla öğreten bir kurs sunacağımıza inanıyorum. Kursların yine her türlü lojistiğinin daha iyi sağlandığı İstanbul’da gerçekleştirileceğini belirtmek isterim. İlk kurs için 2024 Ocak ayında İstanbul’da buluşmak dileğiyle. . .



**Prof. Dr. Esat Kiter**  
Kurs Koordinatörü  
Türk Omurga Derneği Başkanı



**Prof. Dr. Ferhat Harman**  
Kurs Koordinatörü  
Kurs sekreteri



## Dear colleagues

We are reorganizing the "Basic Diploma Modules" of the Turkish Spine Society, which has been going on since 2015 and accredited with EUROSPINE (Spine Society of Europe), by changing the format this year. Although the virtual meeting habit brought by the pandemic does not replace face-to-face education, it is gradually being replaced by old-fashion meetings. However, the e-learning format brought by this habit has brought educational activities to another dimension that offers time and space advantages. The concept of hybrid meetings is a more useful format that emphasizes the interactive part of training in content-intensive courses. In such hybrid meetings, the participant can watch memorization-intensive presentations that require intense concentration over the web, and by repeating the necessary parts of the presentation, he/she can get the content of the presentation with fewer questions in his/her mind. In this year's hybrid meeting will include 70 e-learning lessons (for 6 modules). In addition, we will present many structured cases in the face-to-face part of the meeting in small table discussions led by "tutors".

To briefly describe the general format of our course, this training activity basically consists of 6 modules. The six modules are usually held in two meetings each year. There is no obligation to complete all six modules in the same year. The names of the participants who have completed six modules are forwarded to the Eurospine Secretariat. Participants can then contact Eurospine to receive their diplomas. With this new format, I believe that we will offer a course with a wider content, more interactive and therefore more teaching. I would like to mention that the courses will be held in Istanbul, where all kinds of logistics are better provided. Hope to meet you in Istanbul in January 2024 for the first course...



**Prof. Dr. Esat Kiter**  
Course Coordinator  
President of Turkish Spine Society



**Prof. Dr. Ferhat Harman**  
Course Coordinator  
Course secretary

When & Venue	Course I (Module 1,2,3) 5-7 January 2024 Yeniüzyıl Üniversitesi Özel Gaziosmanpaşa Hastanesi, İstanbul	
Language	English/Turkish	
Dress	Smart casual	
Registration fee (For each module)	TSS member	5000 TRY
	Non-member (local)	6000 TRY
	Non-member (foreign)	300 EUR
	You need to register for the course online. On-line registration page at <a href="http://www.turkomurga.org.tr">www.turkomurga.org.tr</a> (you will need to upload the bank receipt of your course fee to this page).	
Important note	<b>Deadline for registration is December 1, 2023</b>  <b>Completion of eLearning modules and attendance to the virtual live session is mandatory.</b>  <b>A computer (Mac/PC) or tablet (Android/Mac) and stable internet connection are required to access the eLearning content and virtual live sessions.</b>  <b>The course evaluation is mandatory to obtain certificate.</b>	
Target audience	Senior trainees and trained surgeons, who are planning a career in spine surgery.	
Max. attendees	40 delegates (per option)	
Accommodation & Further questions	<a href="mailto:dernek@turkomurga.org.tr">dernek@turkomurga.org.tr</a>	

### **Kursun temel gereklilikleri**

Kurs öncesinde elektronik öğrenme materyallerinin katılımcılar tarafından tamamlanması zorunludur  
Kursa devam etme zorunluluğu vardır  
Kurs başlama saatinden 10' önce kurs alanında olmanız gerekmektedir  
İlk kahve arasını aşan gecikmelerde modül tamamlanmamış kabul edilir

### **Basic requirements of the course**

Electronic learning materials must be completed by the participants prior to the course  
Attendance is compulsory  
You must be in the course area 10' before the course start time  
Module is considered incomplete if delayed beyond the first coffee break



## Module I Basic Comprehensive Course

5 January 2024

### Chairs

Fatih Keskin /Turgut Akgül

### Faculty

Murat Korkmaz    Tuna Pehlivanoglu

Okan Özkunt      Ender Köktekir

e-learning contents		
Duration	Topic	Presenter
	<b>Back pain</b>	
15'	Clinical examination of spine	Mahir Topalođlu
24'	Imaging of spine in low back pain	Murat Korkmaz
15'	Different perspectives on low back pain	Mahir Topalođlu
18'	Rehabilitation of low back pain	Rana Terlemez
16'	Red flags in lumbar pain	Fatih Keskin
21'	Differential diagnosis of inflammatory diseases in lower lumbar region pain	Turgut Akgül
20'	Spinal cord monitoring; understanding the screen	Pınar Yalınay Dikmen
	Consolidation questions	
	<b>Fundamentals &amp; clinical research</b>	
29'	Biomechanics - In vitro models	Hakan Bozkuş
	Finite element models	Hakan Bozkuş
17'	Biology of the lumbar intervertebral disc	Alev Cumbul
	Cellular and molecular research	Alev Cumbul
15'	Epidemiology and economics	Okan Özkunt
19'	Principles of clinical research	Tuna Pehlivanoglu
	Consolidation questions	

Program			
08:20	Opening	Turgut Akgül-Fatih Keskin	
08:30	Exam (e-learning check)		
	09:30/12:30 Constructed case discussions	Moderator	Knowledge Update
09:30	Non-surgical treatment of axial low back pain	Tuna Pehlivanoglu	Murat Korkmaz
10:25	15' coffee break		
10:40	Atypical low back pain in the lumbar region	Murat Korkmaz	Ender köktekir
11:35	Degenerative disc disease	Okan Özkunt	Tuna Pehlivanoglu
12:30	Lunch		
13:30	Lumbopelvic fixation-hands on practice	All Faculty	
15:15	15' coffee break		
	15:30/18:30 Constructed case discussions		
15:30	Epidural fibrosis	Ender Köktekir	Fatih Keskin
16:25	Recurrence of lumbar disc herniation (complicated)	Fatih Keskin	Okan Özkunt
17:20	Altered neuromonitoring responses	Turgut Akgül	Fatih Keskin
18:00	Feedbacks and closure	Turgut Akgül-Fatih Keskin	

Constructed case discussions			
Min	Case	Moderator 45'	Knowledge Update 10'
55	Non-surgical treatment of axial low back pain	Tuna Pehlivanoglu	Murat Korkmaz
55	Atypical low back pain in the lumbar region	Murat Korkmaz	Ender Köktekir
55	Degenerative disc disease	Okan Özkunt	Tuna Pehlivanoglu
55	Epidural fibrosis	Ender Köktekir	Fatih Keskin
55	Recurrence of lumbar disc herniation (complicated)	Fatih Keskin	Okan Özkunt
Interactive lecture			
	Altered neuromonitoring responses	Turgut Akgül	Fatih Keskin



## Module 2 Degenerative Diseases of the Spine

6 January 2024

### Chairs

Esat Kiter/ Ali Dalgıç

### Faculty

Serkan Şimşek

Özkan Ateş

Sedat Dalbayrak

Mehmet Tezer

Turgut Akgül

Deniz Kargın

e-learning contents		
Duration	Topic	Presenter
	<b>Radicular Pain</b>	
31'	Epidemiology, natural history, and imaging of radicular pain	Mustafa Onur Ulu
18'	Non-surgical interventions for radicular pain	Deniz Kargın
26'	Surgery for radicular pain in the lumbar spine	Mustafa Onur Ulu
30'	Surgery for radicular pain in the cervical spine	Ali Dalgıç
	Consolidation questions	
	<b>Cervical &amp; Thoracic Myelopathy</b>	
12'	Presentation, causes, and natural history of myelopathy	Serkan Şimşek
30'	Imaging myelopathy: techniques and prognostic indicators	Özkan Ateş
15'	Surgical indications and techniques of myelopathy	Özkan Ateş
	Consolidation questions	
	<b>Spinal Stenosis ve Degenerative Spondilolistezis</b>	
27'	Presentation, natural history, and nonsurgical treatment of spinal stenosis	Ali Dalgıç
23'	Imaging of spinal stenosis and degenerative spondylolisthesis	Deniz Kargın
19'	Surgical treatment of spinal stenosis	Sedat Dalbayrak
18'	Surgical treatment of degenerative spondylolisthesis	Mehmet Tezer
	Consolidation questions	
	<b>Spondylolysis &amp; Low-Grade Isthmic Spondylolisthesis</b>	
17'	Natural history and classifications	Yunus Atıcı
15'	Surgical and non-surgical treatment alternatives	Can Koşay
	<b>Axial Back Pain &amp; Degenerative Deformity</b>	
29'	Surgical treatment of axial back pain	Turgut Akgül
20'	Degenerative deformity of lumbar spine	Mehmet Tezer
	Consolidation questions	

Program			
08:00	Opening		Esat Kiter-Ali Dalgıç
08:15	Exam (e-learning check)		
	08:45/13:15	Constructed case discussions	Moderator Knowledge Update
08:45	Degenerative deformity and radicular pain		Serkan Şimşek
09:30	Surgical indication and treatment of the cervical myelopathy		Özkan Ateş
10:15	15' coffee break		
10:30	Differential diagnosis and treatment of thoracic disc herniation		Sedat Dalbayrak
11:15	Spinal stenosis		Ali Dalgıç
12:00	Degenerative deformity		Mehmet Tezer
12:45	Lunch		
14:00	Workshop: Classification of lumbar lordosis /measurement of pelvic parameters		All Faculty
	15:45/18:15	Constructed case discussions	
15:45	Dynamic spondylolisthesis and radicular pain		Esat Kiter
16:30	15' coffee break		
16:45	Axial discogenic pain		Turgut Akgül
17:30	Hip-spine syndrome		Deniz Kargın
18:15	Feedback and closure		Esat Kiter-Ali Dalgıç

Constructed case discussions			
Min	Case	Moderator 40'	Knowledge Update 5'
45	Degenerative deformity and radicular pain	Serkan Şimşek	Deniz Kargın
45	Surgical indication and treatment of the cervical myelopathy	Özkan Ateş	Serkan Şimşek
45	Differential diagnosis and treatment of thoracic disc herniation	Sedat Dalbayrak	Özkan Ateş
45	Spinal stenosis	Ali Dalgıç	Sedat Dalbayrak
45	Degenerative deformity	Mehmet Tezer	Ali Dalgıç
45	Dynamic spondylolisthesis and radicular pain	Esat Kiter	Mehmet Tezer
45	Axial discogenic pain	Turgut Akgül	Esat Kiter
45	Hip-spine syndrome	Deniz Kargın	Turgut Akgül



## Module 3 Deformity of the Spine

7 January 2024

### Chairs

Gökhan Demirkıran

Sedat Dalbayrak

### Faculty

Ömer Akçalı

Yetkin Soyüncü

Esat Kiter

Yurdal Gezercan

N. Eralp Çetinalp

Ender Köktekir

e-learning contents		
Duration	Topic	Presenter
	<b>Basic Principles in Spinal Deformity</b>	
18'	Physiological spinal curvatures and balance	Ender Köktekir
39'	Preoperative assessment and positioning	Yetkin Soyüncü
19'	Intraoperative neuromonitoring	Ali Dalgıç
21'	Plaster and brace principles in deformity treatment	Gökhan Demirkıran
	Consolidation questions	
	<b>Adolescent Idiopathic Scoliosis (AIS)</b>	
25'	Pathogenesis and natural history of AIS	Ömer Akçalı
27'	Radiological evaluation and AIS classification	Esat Kıter
26'	Surgical indication and level determination	Yetkin Soyüncü
21'	Surgical correction maneuvers in AIS	Alpaslan Şenköylü
	Consolidation questions	
	<b>Other Pediatric Spine Deformities</b>	
27'	Early onset Scoliosis (classification & evaluation & treatment)	Esat Kıter
26'	Neuromuscular Scoliosis	Gökhan Demirkıran
31'	Congenital spinal deformities	Meriç Enercan
15'	High-grade spondylolisthesis	Ahmet Öğrenci
	Consolidation questions	
	<b>Kyphosis</b>	
14'	Pathogenesis and clinical evaluation of Scheuermann kyphosis	Suat Canbay
10'	Scheuermann kyphosis surgical treatment and correction maneuvers	Kıvanç Olguner
38'	Treatment principles of congenital kyphosis	Mehmet Bülent Balioğlu
18'	Post-traumatic, post-infectious kyphosis	Alpaslan Şenköylü
	<b>Adult Deformity</b>	
14'	Evaluation of adult deformity patients	Alparslan Şenel
15'	Important points in surgical planning in adult deformity	Yurdal Gezeran
20'	Osteotomy techniques in adult deformity	Nuri Eralp Çetinalp
22'	Complications and revision of adult deformity	Sedat Dalbayrak
	Consolidation questions	

Program			
08:00	Opening	Sedat Dalbayrak/ Gökhan Demirkıran	
08:15	Exam (e-learning check)		
	08:45/13:15 Constructed case discussions	Moderator	Knowledge Update
08:45	Adolescent idiopathic scoliosis	Ömer Akçalı	Yetkin Söyüncü
09:30	Early onset scoliosis	Gökhan Demirkıran	Ömer Akçalı
10:15	15' coffee break		
10:30	Neuromuscular scoliosis	Yetkin Soyüncü	Sedat Dalbayrak
11:15	Congenital scoliosis	Yurdal Gezercan	Esat Kiter
12:00	Scheuermann kyphosis	Esat Kiter	Yurdal Gezercan
12:45	Lunch		
14:00	Workshop –Measurement challenge Lenke Classification	All Faculty	
	15:45/18:15 Constructed case discussions		
15:45	Congenital kyphosis	N. Eralp Çetinalp	Gökhan Demirkıran
16:30	15' coffee break		
16:45	High grade listhesis	Ender Köktekir	N. Eralp Çetinalp
17:30	Planning and surgery in adult deformity	Sedat Dalbayrak	Ender Köktekir
18:15	Feedbacks and closure	Sedat Dalbayrak/ Gökhan Demirkıran	

Constructed case discussions			
Min	Case	Moderator 40'	Knowledge Update 5'
45	Adolescent idiopathic scoliosis	Ömer Akçalı	Yetkin Söyüncü
45	Early onset scoliosis	Gökhan Demirkıran	Ömer Akçalı
45	Neuromuscular scoliosis	Yetkin Soyüncü	Sedat Dalbayrak
45	Congenital scoliosis	Esat Kiter	Yurdal Gezercan
45	Scheuermann kyphosis	Yurdal Gezercan	Esat Kiter
45	Congenital kyphosis	Nuri Eralp Çetinalp	Gökhan Demirkıran
45	High grade listhesis	Ender Köktekir	Nuri Eralp Çetinalp
45	Adult deformity planning and surgery	Sedat Dalbayrak	Ender Köktekir



Faculty for e-learning content

Ahmet Öğrenci MD	Alev Cumbul MD	Ali Dalgıç MD
Alihan Derincek MD	Alparslan Şenel MD	Alpaslan Şenköylü MD
Çağatay Öztürk MD	Can Koşay MD	Deniz Kargın MD
Ender Koktekir MD	Erdal Coşkun MD	Esat Kiter MD
Fatih Keskin MD	Gökhan Demirkıran MD	Görkem Kıyak MD
Hakan Bozkuş MD	Haluk Berk MD	Hamdi Akan MD
Kıvanç Olguner MD	Mahir Topaloğlu MD	M. Bülent Balioğlu MD
Mehmet Tezer MD	Meriç Enercan MD	Mert Şahinoğlu MD
Metin Özalay MD	Murat Akova MD	Murat Korkmaz MD
Mustafa Onur Ulu MD	Nuri Eralp Çetinalp MD	Okan Özkunt MD
Ömer Akçalı MD	Ömer Erşen MD	Özkan Ateş MD
Pınar Yalınay Dikmen MD	Rana Terlemez MD	Sait Naderi MD
Sedat Dalbayrak MD	Selçuk Göçmen MD	Serkan Şimşek MD
Suat Canbay MD	Tuna Pehlivanoğlu MD	Turgut Akgül MD
Ufuk Aydınllı MD	Yetkin Soyüncü MD	Zafer Orkun Toktaş MD
Yunus Atıcı MD	Yurdal Gezercan MD	



# Turkish Spine Society Basic Diploma (Equivalent to Eurospine Diploma)



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Detaylı bilgi için

[www.dernekyonetimi.org](http://www.dernekyonetimi.org)