



Turkish Spine Society

Basic Diploma

(Equivalent to EUROSPINE Diploma)

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

Course 2
Module 4,5,6
Istanbul, 8-10 March 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. 2024 Martında 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 March 2024 ...



Prof. Dr. Esat Kiter

Course Coordinator
President of Turkish Spine Society



Prof. Dr. Ferhat Harman

Course Coordinator
Course secretary

When & Venue	Course II (Module 4,5,6) 8-10 March 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 www.turkomurga.org.tr (you will need to upload the bank receipt of your course fee to this page).	
Important note	Deadline for registration is February 1, 2024 Completion of eLearning modules and attendance to the virtual live session is mandatory. A computer (Mac/PC) or tablet (Android/Mac) and stable internet connection are required to access the eLearning content and virtual live sessions. The course evaluation is mandatory to obtain certificate.	
Target audience	Senior trainees and trained surgeons, who are planning a career in spine surgery.	
Max. attendees	40 delegates (per option)	
Accommodation & Further questions	dernek@turkomurga.org.tr	

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 4 Spinal Trauma

08 March 2024

Chairs

Metin Özalay/Ender Köktekir

Faculty

Serkan Şimşek	Ahmet Öğrenci
Alihan Derincek	Erdal Coşkun
Ömer Erşen	Deniz Kargın

e-learning contents		
Duration	Topic	Presenter
	Spine Trauma-I	
11''	Imaging of traumatic spine	Ömer Erşen
31''	Classification and treatment of C0-C2 fractures	Serkan Şimşek
18''	Classification and treatment of subaxial cervical spine fractures	Ahmet Öğrenci
21''	Classification of thoracolumbar spine fractures	Alihan Derincek
19''	Treatment principles of thoracolumbar spine fractures	Metin Özalay
24''	Sacrum fractures	Esat Kiter
	Consolidation questions	
	Spine Trauma-II	
17''	Pediatric spine fractures	Ömer Erşen
18''	Management of osteoporotic spine fractures	Alihan Derincek
18''	Spine fractures in rheumatologic disease (AS and RA)	Mert Şahinoğlu
14''	Spinal shock and Incomplete spinal cord syndromes	Ender Koktekir
11''	Multiple spine fractures	Mert Şahinoğlu
25''	Lower lumbar spinal fractures	Erdal Coşkun
	Consolidation questions	

Program			
08:00	Opening	Metin Özalay/ Ender Köktekir	
08:15	Exam (e-learning check)		
	08:45/13:15 Constructed case discussions	Moderator	Knowledge Update
08:45	Subaxial cervical fracture	Ender Köktekir	Alihan Derincek
09:30	Axial cervical fracture	Serkan Şimşek	Ender Köktekir
10:15	30' coffee break		
10:30	Multiple levels thoracolumbar fracture	Metin Özalay	Ahmet Öğrenci
11:15	Pediatric spine fracture	Ahmet Öğrenci	Deniz Kargın
12:00	Unstable lumbar fracture	Alihan Derincek	Serkan Şimşek
12:45	Lunch		
14:00	Workshop / Hands on practise Occipitocervical instrumentation	All Faculty	
	15:45/18:15 Constructed case discussions		
15:45	Sacrum fracture	Ömer Erşen	Metin Özalay
16:30	15' coffee break		
16:45	Ankylosing Spondylithis /Rheumatoid arthritis spine fracture	Deniz Kargın	Erdal Coşkun
17:30	Non-union thoracolumbar fracture	Erdal Coşkun	Ömer Erşen
18:15	Feedbacks and closure	Metin Özalay- Ender Köktekir	

Constructed case discussions			
Min	Case	Moderator 40'	Knowledge Update 5'
45	Subaxial cervical fracture	Ender Köktekir	Alihan Derincek
45	Axial cervical fracture	Serkan Şimşek	Ender Köktekir
45	Multiple levels thoracolumbar fracture	Metin Özalay	Ahmet Öğrenci
45	Pediatric spine fracture	Ahmet Öğrenci	Deniz Kargın
45	Unstable lumbar fracture	Alihan Derincek	Serkan Şimşek
45	Sacrum fracture	Ömer Erşen	Metin Özalay
45	Ankylosing Spondylithis /Rheumatoid arthritis spine fracture	Deniz Kargın	Erdal Coşkun
45	Non-union thoracolumbar fracture	Erdal Coşkun	Ömer Erşen

Module 5 Tumours and Inflammatory Disease of the Spine

09 March 2024

Chairs

Mehmet Tezer

Ferhat Harman

Faculty

Çağatay Öztürk

Görkem Kıyak

Onur Ulu

Özkan Ateş

Turgut Akgül

Zafer Orkun Toktaş

e-learning contents		
Duration	Topic	Presenter
	Vertebral Osteomyelitis	
13"	Vertebral Osteomyelitis. Etiology, Pathogenesis, Symptoms and Diagnosis	Sait Naderi
14"	Radiology of Vertebral Osteomyelitis	Görkem Kıyak
14"	Conservative treatment	Selçuk Göçmen
20"	Surgical treatment, planning and techniques in vertebral osteomyelitis	Mehmet Tezer
	Consolidation questions	
	Metabolic Bone Disease and Rheumatoid Spine Destruction	
22"	Osteoporosis (etiology, diagnosis and treatment)	Deniz Kargın
16"	Rheumatoid arthritis and spine, surgical technique	Ahmet Öğrenci
14"	Ankylosing spondylitis (etiology, diagnosis and treatment)	Ender Köktekir
26"	Surgical treatment of ankylosing spondylitis and corrective ostetomies	Çağatay Öztürk
	Consolidation questions	
	Spinal Tumors	
19"	Biopsy and radiological imaging in spine tumors	Zafer Orkun Toktaş
23"	Benign spinal tumors	Ufuk Aydınli
28"	Primary malignant tumors of the spine	Turgut Akgül
26"	Metastatic spine tumors	Özkan Ateş
30"	Intramedullary / Intradural extramedullary tumors of the spine	Onur Ulu
	Consolidation questions	

Program			
08:00	Opening	Mehmet Tezer/ Ferhat Harman	
08:15	Exam (e-learning check)		
	08:45/13:15 Constructed case discussions	Moderator	Knowledge Update
08:45	Veretebral osteomyelitis (nonspecific)	Görkem Kıyak	Özkan Ateş
09:30	Veretebral osteomyelitis (specific)	Özkan Ateş	Mehmet Tezer
10:15	15' coffe break		
10:30	Benign spine tumor	Mehmet Tezer	Görkem Kıyak
11:15	Corrective osteotomy in ankylosing spondylitis	Çağatay Öztürk	Onur Ulu
12:00	Malignant spine tumor	Ferhat Harman	Çağatay Öztürk
12:45	Lunch		
14:00	Workshop /Hands on course Biopsi Jamshidi-Through cut	All Faculty	
	15:45/18:15 Constructed case discussions		
15:45	Metastatic spine tumor	Onur Ulu	Ferhat Harman
16:30	15' coffee break		
16:45	Rheumatoid arthritis upper cervical involvement	Turgut Akgül	Zafer Orkun Toktaş
17:30	Multiple myeloma	Z. Orkun Toktaş	Turgut Akgül
18:15	Feedbacks and closure	Mehmet Tezer- Ferhat Harman	

Constructed case discussions			
Min	Case	Moderator 40'	Knowledge Update 5'
45	Veretebral osteomyelitis (nonspecific)	Görkem Kıyak	Özkan Ateş
45	Veretebral osteomyelitis (specific)	Özkan Ateş	Mehmet Tezer
45	Benign spine tumor	Mehmet Tezer	Görkem Kıyak
45	Corrective osteotomy in ankylosing spondylitis	Çağatay Öztürk	Onur Ulu
45	Malignant spine tumor	Ferhat Harman	Çağatay Öztürk
45	Metastatic spine tumor	Onur Ulu	Ferhat Harman
45	Rheumatoid arthritis upper cervical involvement	Turgut Akgül	Zafer Orkun Toktaş
45	Multiple myeloma	Zafer Orkun Toktaş	Turgut Akgül

Module 6 Using Literature to Inform my Practice

10.3.2024

Chairs

Haluk Berk

Onur Ulu

Faculty

Hamdi Akan

Murat Akova

Haluk Berk

Onur Ulu

Venue

Yeniüyüzyıl Üniversitesi, Özel Gaziosmanpaşa Hastanesi, İstanbul

Aims

This course will provide participants with the skills necessary to critically evaluate the quality of spine literature.

Specifically, the course will introduce basic study designs and discuss the main threats to the validity of clinical studies.

Learning methods include self-learning, presentations and workshops. Recently published articles will be used for discussion in the workshops.

Participants will learn to use a critical appraisal tool to evaluate the quality of randomized controlled trials and cohort/prognostic studies.

Learning Outcomes

This module aims to enable participants to:

- Evaluate the quality of randomized clinical trials (RCTs)
- Assess the quality of cohort/prognostic studies
- Deciding whether to change their practices based on new evidence.
- Identifying the research question(s) and study objective in a published article
- Understand the concepts of statistical significance and clinical significance of study results
- Understand the basic design of an RCT
- Understand the key issues to consider when critically appraising a randomized controlled trial (Selection issues, randomization, measurement of key outcomes, comparability of groups, data analysis)

e-learning contents		
Duration	Topic	Presenter
30	Evidence based medicine*	Onur Ulu
45	Methodology in Scientific Research*	Hamdi Akan
30	Observational studies *	Murat Akova
Compulsory Readings (will be provided to trainees)		
1	Janna L. Friedly, Bryan A. Comstock, Judith A. Turner, et al. Long-Term Effects of Repeated Injections of Local Anesthetic With or Without Corticosteroid for Lumbar Spinal Stenosis: A Randomized Trial, Archives of Physical Medicine and Rehabilitation, 2017; 98 (8):1499-1507.e2, *	
2	Gugliotta M, da Costa BR, Dabis E, et al. Surgical versus conservative treatment for lumbar disc herniation: a prospective cohort study. BMJ Open 2016;6:e012938. *	
3	Moher D, Schulz KF, Altman DG. The CONSORT statement: revised recommendations for improving the quality of reports of parallel-group randomised trials. Lancet. 2001;357:1191-4. *	
4	11 questions to help you make sense of a trial. Downloaded from Critical Appraisal Skills Programme. Oxford UK. www.casp-uk.net .	
5	Erik von Elm, MD; Douglas G. Altman, DSc; et al, for the STROBE Initiative The Strengthening the Reporting of Observational Studies in Epidemiology (STROBE) Statement: Guidelines for Reporting Observational Studies. Ann Intern Med. 2007;147:573-577. *	
6	Gilmartin-Thomas JFM, Liew D, Hopper I. Observational studies and their utility for practice. Australian prescriber. 2018; 41:82-85. https://doi.org/10.18773/austprescr.2018.017	
7	Song JW, Chung KC. Observational Studies: Cohort and Case-Control Studies. Plastic and Reconstructive Surgery 2010; 126:2234-2242. 10.1097/PRS.0b013e3181f44abc	
Recommended Readings (will be provided to trainees)		
1	McCulloch P, Altman DG, Campbell WB, Flum DR, Glasziou P, Marshall JC, Nicholl J, the Balliol Collaboration. No surgical innovation without evaluation: the IDEAL recommendations. Lancet. 2009(374):1105-112.	
2	12 questions to help you make sense of cohort study. Downloaded from Critical Appraisal Skills Programme. Oxford UK. www.casp-uk.net	
3	CHECKLIST FOR COHORT STUDIES Critical Appraisal tools for use in JBI Systematic Reviews (https://jbi.global/sites/default/files/2020-10/Checklist_for_Cohort_Studies.pdf).	

Program			
	Opening	Haluk Berk/Onur Ulu	
08:30-08:45	Exam (e-learning check) *2 questions from each e-learning content (14 mcq)		
	Topics	Presenter	Moderator
08:45	Welcome remarks and course description	Onur Ulu, Haluk Berk	Haluk Berk
09:00	Design in scientific research*	Hamdi Akan	
09:30	Discussion		
09:40	Informed Consent (Video) *	Murat Akova	
10:15	15' coffee break		
10:30	Anatomy of an Article*	Murat Akova	Murat Akova
11:00	Discussion		
11:10	Clinical case-1	Onur Ulu	
11:20	Workshop-1 Randomized Controlled Trial (RCT)*	Hamdi Akan All faculty	
12:00	Clinical Case-1 outcome	Onur Ulu	
12:15	Lunch		
	Topics		
13:15	Clinical case-2	Onur Ulu	Onur Ulu
13:25	Workshop-2 Cohort*	Haluk Berk All faculty	
14:05	Case outcome	Onur Ulu	
14:15	coffee break		
14:30	Workshop-3 Clinical Research Processes*	Hamdi Akan	Hamdi Akan
15:10	Responsibility of the principal investigator	Murat Akova	
15:40	Discussion		
15:50	End of course exam	Haluk Berk Onur Ulu	
16:10	Feedback		
16:30	Adjurn		

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 Aydınli 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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