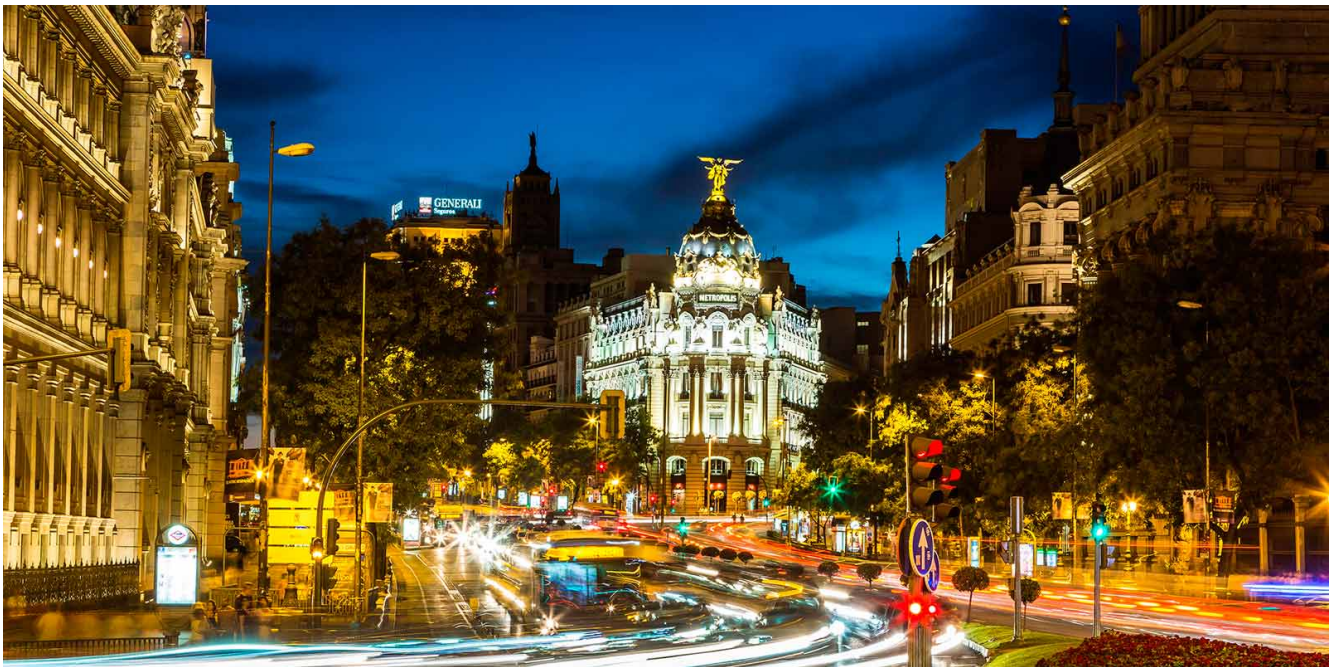


# **EANS ADVANCED COURSE IN SPINAL SURGERY**

## **PART I: EXTENDED INDICATIONS AND ADVANCED OPERATIVE TECHNIQUES**

**(IN CO-OPERATION WITH EUROSPINE)**



**MADRID, SPAIN  
27TH - 29TH OCTOBER 2019**

**COURSE DIRECTOR:  
Bernhard Meyer**

**EANS SECTION OF SPINAL NEUROSURGERY CHAIRMAN:  
John Duff**

# SCIENTIFIC COMMITTEE

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Ehab Shibani (Germany)

Claudius Thomé (Austria)

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Carmen Vleggeert-Lankamp (The Netherlands)

## Sunday 27<sup>th</sup> October

07:30	08:00	Registration	
08:00	08:15	Course introduction	Meyer, Gandía, Roda, Hernandez (Hospital Director)
<b>Craniocervical Junction</b>			
08:15	08:30	Indications for craniocervical surgery and anterior resection techniques (endonasal, transoral)	Peul
08:30	08:40	How I do it: Endoscopic transnasal odontoid resection	Meyer
08:40	08:55	OC/C1/C2 instrumentation techniques	Gandía
08:45	09:45	Case-based discussion: Basilar invagination	Tessitore (Moderator)
		Case presentation (5 min)	Demetriades
		Group discussion (15 min)	All
		Group presentation (15 min)	All
		Expert opinion (Lecture, 5 min)	Peul
		Case Solution (5 min)	Demetriades
		Case conclusion and summary (5 min)	Tessitore (Moderator)
09:45	09:55	Round table: When is decompression of the OC junction necessary?	Meyer, Peul, Demetriades
09:55	10:25	<i>Coffee break</i>	
<b>Cervicothoracic Junction</b>			
10:25	10:40	Instrumentation techniques and indications	Tessitore
10:40	10:55	Corpectomies and osteotomies in the upper thoracic spine	Depreitere
10:55	11:05	How I do it: Cervicothoracic osteotomy	Kilincer
11:05	11:55	Case-based discussion: Kyphosis in ankylosing spondylitis	Duff (Mod.)
		Case presentation (5 min)	Tessitore
		Group discussion (15 min)	All
		Group presentation (15 min)	All
		Expert opinion (Lecture, 5 min)	Kilincer
		Case Solution (5 min)	Tessitore
		Case conclusion and summary (5 min)	Duff
11:55	12:05	Round table: Pedicle screw fixation vs lateral mass fixation in the subaxial spine	Depreitere, Acaroglu, Duff
12:05	13:05	<i>Lunch</i>	
<b>Thoracic Spine</b>			
13:05	13:20	Indications and technique of thoracic en bloc resections	Demetriades
13:20	13:35	Minimally invasive (long) dorsal instrumentation including augmentation	Duff
13:35	13:45	How I do it: Thoracic en bloc resection	Acaroglu
13:45	14:35	Case-based discussion: Primary bone tumour	Demetriades (Moderator)
		Case presentation (5 min)	Gandía
		Group discussion (15 min)	All
		Group presentation (15 min)	All
		Expert opinion (Lecture, 5 min)	Meyer

		Case Solution (5 min) Case conclusion and summary (5 min)	Gandía Demetriades
14:35	14:45	Round table: En bloc resections for metastatic disease - Yes or no?	Meyer, Acaroglu, Demetriades
14:45	15:00	<i>Coffee break</i>	

<b>Cadaver Lab</b>			
15:30	18:00	OC/C1/C2 instrumentation	Balsano, Vleggeert- Lankamp
		Thoracic en bloc vertebrectomies	Duff, Acaroglu
		Cervicothoracic pedicle screws	Gandía, Shiban

# Monday 28<sup>th</sup> October

## Lumbar Degenerative Scoliosis

08:00	08:15	Sagittal balance and operative planning	Shiban
08:15	08:30	Technical execution of correction osteotomies (SPO, PSO, etc)	Rothenfluh
08:30	08:45	Instrumentation techniques including sacral / pelvic fixation	Thomé
08:45	08:55	How I do it: PSO	Ringel
08:55	09:45	Case-based discussion: Adult degenerative scoliosis Case presentation (5 min) Group discussion (15 min) Group presentation (15 min) Expert opinion (Lecture, 5 min) Case Solution (5 min) Case conclusion and summary (5 min)	Vleggeert-Lank. (Mod.) Shiban All All Lafuente Shiban Vleggeert-Lankamp
09:45	09:55	Round table: Long vs short constructs	Rothenfluh, Ringel, Thomé
09:55	10:30	<i>Coffee break</i>	

## High-grade lumbar spondylolisthesis

10:30	10:45	In situ fusion vs realignment	Balsano
10:45	11:00	Approaches and techniques (posterior, anteroposterior, 540°, dome resection etc)	Thomé
11:00	11:10	How I do it: Dome resection	Meyer
11:10	12:00	Case-based discussion: Spondyloptosis Case presentation (5 min) Group discussion (15 min) Group presentation (15 min) Expert opinion (Lecture, 5 min) Case Solution (5 min) Case conclusion and summary (5 min)	Meyer (Moderator) Ringel All All Duff Ringel Meyer
12:00	13:00	<i>Lunch</i>	

## Sacrum

13:00	13:15	Indication and techniques of sacral tumour resections	Ringel
13:15	13:30	Fixation and reconstruction techniques following resection	Depreitere
13:30	13:40	How I do it: Sacrectomy	Kilincer
13:40	14:30	Case-based discussion: Sacral chordoma Case presentation (5 min) Group discussion (15 min) Group presentation (15 min) Expert opinion (Lecture, 5 min) Case Solution (5 min) Case conclusion and summary (5 min)	Kilincer (Moderator) Duff All All Peul Duff Kilincer
14:30	14:40	Round table: Radical resection is beneficial- True or false?	Kilincer, Ringel, Peul
14:40	15:00	<i>Coffee break</i>	

## Cadaver Lab

15:30	18:00	Lumbar osteotomies	Rothenfluh, Duff
		Posterolateral corpectomies	Gandía, Kilincer
		Sacral resections and sacropelvic fixation techniques	Ringel, Demetriades
		Endoscopic odontoid resection / transoral approaches	Peul, Shiban

## Tuesday 29<sup>th</sup> October

08:00	08:15	Indications and techniques for intradural intramedullary lesions	Lafuente
08:15	08:25	Radiosurgery for intramedullary lesions	Sallabanda
08:25	08:35	How I do it: Resection of an intramedullary ependymoma	Meyer
08:35	09:20	Case based discussion: Oligosymptomatic intramedullary lesion Case presentation (5 min) Group discussion (15 min) Group presentation (15 min) Expert opinion (Lecture, 5 min) Case Solution (5 min) Case conclusion and summary (5 min)	Lafuente (Moderator) Thomé All All Vleggert-Lankamp Thomé Lafuente (Moderator)
09:20	09:30	Round table: Surgery, radiosurgery or combined therapy for intramedullary tumours?	Sallabanda, Lafuente, Vleggert-Lankamp
09:30	10:00	<i>Coffee break</i>	
<b>Adolescent Idiopathic Scoliosis (AIS)</b>			
10:00	10:20	Conservative management and indications for surgery in AIS	Balsano
10:20	10:40	Surgical principles	Acaroglu
10:40	10:50	How I do it: AIS correction	Rothenfluh
10:50	11:40	Case-based discussion: AIS Case presentation (5 min) Group discussion (15 min) Group presentation (15 min) Expert opinion (Lecture, 5 min) Case Solution (5 min) Case conclusion and summary (5 min)	Rothenfluh (Mod.) Acaroglu All All Balsano Acaroglu Rothenfluh
11:40	12:00	Round table: Open vs. MISS scoliosis surgery?	Acaroglu, Rothenfluh Balsano