

EANS Advanced Course in Spinal Surgery

Part I: Extended Indications and Advanced Operative Techniques

Sunday 6th September

8.00	Course Introduction	Meyer, Thome
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Craniocervical junction

8.15-8.35	Indications for craniocervical surgery and anterior resection techniques (endonasal, transoral)	Peul
8.35-8.45	How I do it: Endoscopic transnasal odontoid resection	Lehmberg
8.45-9.05	OC/C1/C2 instrumentation techniques	Bolger
9.05-9.55	Case-based discussion: Basilar invagination	Meyer (Moderator)
	Case presentation (5 min)	Thome
	Group discussion (15 min)	All
	Group presentation (15 min)	All
	Expert opinion (Lecture, 5 min)	Vleggert
	Case Solution (5 min)	Thome
	Case conclusion and summary (5 min)	Meyer (Moderator)
9.55-10.25	Round table: When is decompression of the OC junction necessary?	Meyer (Moderator)
	Bolger, Coppes, Vleggert	

10.25-11.00	Coffee break	
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Cervicothoracic junction

11.00-11.20	Instrumentation techniques and indications	Depreitere
11.20-11.40	Corpectomies and osteotomies in the upper thoracic spine	Coppes
11.40-11.50	How I do it: Cervicothoracic osteotomy	Koller
11.50-12.40	Case-based discussion: Kyphosis in ankylosing spondylitis	Thome (Moderator)
	Case presentation (5 min)	Koller
	Group discussion (15 min)	All
	Group presentation (15 min)	All
	Expert opinion (Lecture, 5 min)	Bolger
	Case Solution (5 min)	Koller
	Case conclusion and summary (5 min)	Thome (Moderator)
12.40-13.10	Round table: Pedicle screw fixation versus lateral mass fixation in the subaxial spine	Thome (Moderator)
	Depreitere, Koller, Peul	

13.10-14.00	Lunch break	
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Thoracic spine

14.00-14.20	Indications and technique of thoracic en bloc resections	Liljenqvist
14.20-14.30	How I do it: Thoracic en bloc resection	Coppes
14.30-14.50	Minimally invasive (long) dorsal instrumentation including augmentation	Duff
14.50-15.40	Case-based discussion: Primary bone tumor	Liljenqvist (Mod.)
	Case presentation (5 min)	Casey
	Group discussion (15 min)	All
	Group presentation (15 min)	All
	Expert opinion (Lecture, 5 min)	Charles
	Case Solution (5 min)	Casey
	Case conclusion and summary (5 min)	Liljenqvist (Mod.)
15.40-16.10	Round table: En bloc resections for metastatic disease – Yes or No? Meyer, Pellise, Timothy	Liljenqvist (Mod.)
16.10-16.40	Coffee break	

Adolescent idiopathic scoliosis (AIS)

16.40-17.00	Conservative management and indications for surgery in AIS	Pellise
17.00-17.20	Surgical principles	Liljenqvist
17.20-17.30	How I do it: AIS correction	Koller
17.30-18.20	Case-based discussion: AIS	Franke (Mod.)
	Case presentation (5 min)	Liljenqvist
	Group discussion (15 min)	All
	Group presentation (15 min)	All
	Expert opinion (Lecture, 5 min)	Pellise
	Case Solution (5 min)	Liljenqvist
	Case conclusion and summary (5 min)	Franke (Mod.)

Monday 7th September

Lumbar degenerative scoliosis

8.00-8.15	Sagittal balance and operative planning	Franke
8.15-8.35	Technical execution of correction osteotomies (SPO, PSO, etc.)	Charles
8.35-8.55	Instrumentation techniques including sacral/pelvic fixation	Timothy
8.55-9.05	How I do it: PSO	Girod (local)
9.05-9.55	Case-based discussion: Adult degenerative scoliosis	Lafuente (Moderator)
	Case presentation (5 min)	Charles
	Group discussion (15 min)	All
	Group presentation (15 min)	All
	Expert opinion (Lecture, 5 min)	Thome
	Case Solution (5 min)	Charles
	Case conclusion and summary (5 min)	Lafuente (Moderator)
9.55-10.25	Round table: Long vs. short constructs	Lafuente (Moderator)
	Charles, Franke, Thome	
10.25-11.00	Coffee break	

High-grade lumbar spondylolisthesis

11.00-11.20	In situ fusion versus realignment	Bolger
11.20-11.40	Approaches and techniques (posterior, anteroposterior, 540°; dome resection, etc.)	Franke
11.40-11.50	How I do it: Dome resection	Casey
11.50-12.40	Case-based discussion: Spondyloptosis	Peul (Moderator)
	Case presentation (5 min)	Meyer
	Group discussion (15 min)	All
	Group presentation (15 min)	All
	Expert opinion (Lecture, 5 min)	Duff
	Case Solution (5 min)	Meyer
	Case conclusion and summary (5 min)	Peul (Moderator)
12.40-14.00	Lunch break	

Cad lab

14.00-18.00	OC/C1/C2 instrumentation	Bolger/Coppes/Lafuente
	Cervicothoracic pedicle screws	Depreitere/Moojen/Vleggert
	Posterolateral corpectomies	Duff/Liljenqvist/Pellise
	Endoscopic odontoid resection / transoral approaches	Lehmberg/Casey + Meyer/Thome

Tuesday 8th September

Sacrum

8.00-8.15	Indication and techniques of sacral tumor resections	Casey
8.15-8.35	Fixation and reconstruction techniques following resection	Moojen
8.35-8.45	How I do it: Sacrectomy	Varga
8.45-9.35	Case-based discussion: Sacral chordoma	Coppes (Moderator)
	Case presentation (5 min)	Varga
	Group discussion (15 min)	All
	Group presentation (15 min)	All
	Expert opinion (Lecture, 5 min)	Moojen
	Case Solution (5 min)	Varga
	Case conclusion and summary (5 min)	Coppes (Moderator)
9.35-10.05	Round table: Radical resection is beneficial – True or false?	Coppes (Moderator)
	Casey, Moojen, Varga	

Intradural tumors

10.30-10.50	Indications and technique for intradural extramedullary lesions	Timothy
10.50-11.10	Indications and technique for intradural intramedullary lesions	Lafuente
11.10-11.20	How I do it: Resection of an intramedullary ependymoma	Meyer
11.20-12.10	Case-based discussion: Oligosymptomatic intramedullary lesion	Depreitere (Mod.)
	Case presentation (5 min)	Timothy
	Group discussion (15 min)	All
	Group presentation (15 min)	All
	Expert opinion (Lecture, 5 min)	Vleggett
	Case Solution (5 min)	Timothy
	Case conclusion and summary (5 min)	Depreitere (Mod.)
12.10-12.40	Round table: Surgery vs. radiosurgery for intramedullary tumors	Depreitere (Mod.)
	Combs, Duff, Lafuente	

12.40-13.30 Lunch break

13.30-16.30 **Cad lab**

Thoracic en bloc vertebrectomies

Lumbar osteotomies

Sacral resections and sacropelvic fixation techniques

Charles/Liljenqvist/Timothy

Girod/Franke/Koller

Peul/Varga

+ Meyer/Thome