

# EANS Training Course Berlin 2016

SUNDAY 2nd OCTOBER 2016

<b>09:00 - 09:10</b>	<b>Welcome and introduction</b>	
<b>09:10 - 10:45</b>	<b>Basics</b>	<b>Chair: Smrcka</b>
09:10 - 09:25	Biomechanics of the spine and spinal instrumentation	Maciejczak
09:25 - 09:40	Non-operative management (physiotherapy, manual medicine, osteopathy)	Berlin
09:40 - 09:55	Medical pain management	Berlin
09:55 - 10:10	Techniques of infiltration	Topar
10:10 - 10:25	Indications for emergency or acute treatment (Deg)	Papanastassiou
10:35 - 10:45	How I do it: Control bleeding	Timothy
<b>10:45 - 11:15</b>	<b>Coffee break</b>	
<b>11:15 - 13:25</b>	<b>Discussion Groups (three rotations) 1-3</b>	
<b>13:30 - 14:30</b>	<b>Lunch/Training Committee Meeting &amp; Luncheon seminar</b>	
<b>14:30 - 15:30</b>	<b>Degenerative diseases I</b>	<b>Chair: Peul</b>
14:30 - 14:45	Pathogenesis, diagnosis & indications in cervical myelopathy	Andreou
14:45 - 15:00	Decision-making and indications in lumbar disc disease	Smolanka
15:00 - 15:15	Thoracolumbar instrumentation and fusion (posterior, anterior, lateral, MIS)	Ivanov
<b>15:25 - 16:05</b>	<b>How I do it</b>	<b>Chair: Vukic</b>
15:25 - 15:35	Anterior cervical discectomy and fusion	Papanastassiou
15:35 - 15:45	Cervical motion preservation procedure (TDR)	Vukic
15:45 - 15:55	Dorsal foraminotomy	Thomé
15:55 - 16:05	Cervical posterior long construct stabilization	Vleggeert
<b>16:10 - 16:40</b>	<b>Coffee break</b>	
<b>16:45 - 18:45</b>	<b>Break-out sessions 1 &amp; 2</b>	
16:45 - 17:45	Breakout 1: Decision-making and indications in cervical disc disease (Trainees, Cabrilo + Tessitore)	
17:45 - 18:45	Breakout 2: Spinal cord injury incl. prehospital management (Trainees, Gondar + Cerejo)	

**MONDAY 3rd OCTOBER 2016**

<b>09:00 - 10:00</b>	<b>Degenerative diseases II</b>	<b>Chair: Laakso</b>	
09:00 - 09:15	Low-grade spondylolisthesis	Vleggeert	
09:15 - 09:30	Lumbar non-fusion techniques	Meyer	
09:30 - 09:45	Surgical treatment options of the sacroiliac joint		Vajkoczy
09:45 - 10:00	Spinal navigation (cervical, thoracic, lumbar)		Ryang
<b>10:10 - 10:50</b>	<b>Discussion Groups (one rotation) 4</b>		
<b>10:50 - 11:20</b>	<b>Coffee break</b>		
<b>11:20 - 12:00</b>	<b>Discussion Groups (one rotation) 5</b>		
<b>12:00 - 13:00</b>	<b>How I do it</b>	<b>Chair: Carpentier</b>	
12:00 - 12:10	Thoracic disc herniation		Coppes
12:10 - 12:20	Lumbar disc herniation (sequestrectomy, nucleotomy)		Buffenoir
12:20 - 12:30	Extraforaminal disc herniation	Rocka	
12:30 - 12:40	Lumbar spinal stenosis		Smrcka
12:40 - 12:50	Tubular techniques		Thomé
12:50 - 13:00	Degenerative spondylolisthesis	Parajon Diaz	
<b>13:00 - 14:00</b>	<b>Lunch/Training Committee Meeting &amp; Luncheon seminar</b>		
<b>14:00 - 15:00</b>	<b>Deformity I</b>	<b>Chair: Schaller</b>	
14:00 - 14:15	Concept of spinal balance	Barrey	
14:15 - 14:30	Classification & conservative management of idiopathic scoliosis		Gehrchen
14:30 - 14:45	Pathogenesis, classification & diagnosis of spondylolisthesis		Kilincer
14:45 - 15:00	High-grade spondylolisthesis	Meyer	
<b>15:10 - 16:40</b>	<b>Discussion Groups (two rotations) 6 &amp; 7</b>		
<b>16:40 - 17:10</b>	<b>Coffee break</b>		
<b>17:10 - 17:40</b>	<b>Deformity II</b>	<b>Chair: Meyer</b>	
17:10 - 17:25	Adult scoliosis and complication management		Ringel
17:25 - 17:40	Management of kyphotic deformity	Casey	
<b>17:45 - 18:05</b>	<b>How I do it</b>	<b>Chair: Barrey</b>	
<b>17:45 - 17:55</b>	<b>Surgery for idiopathic scoliosis Spine Section</b>		
17:55 - 18:05	Pedicle subtraction osteotomy	Peul	
<b>18:10 - 19:10</b>	<b>Break-out sessions 3 &amp; 4</b>		
Breakout 3:	Management of lumbar stenosis & degenerative spondylolisthesis		

(Team "Meyer")

Breakout 4:

Metastatic spinal disease (Team "Thomé" & "Kurpad/CNS")

**TUESDAY 4th OCTOBER 2016**

<b>09:00 - 10:00</b>	<b>Trauma I</b>	<b>Chair: Peerdeman</b>	
09:00 - 09:15	Epidemiology and classification of spinal trauma		Tessitore
09:15 - 09:30	Upper cervical trauma		Duff
09:30 - 09:45	Subaxial cervical trauma	Clusmann	
09:45 - 10:00	Pediatric spine injuries		Bilginer
<b>10:10 - 10:50</b>	<b>Discussion Groups (one rotation) 8</b>		
<b>10:50 - 11:20</b>	<b>Coffee break</b>		
<b>11:20 - 11:50</b>	<b>Trauma II</b>	<b>Chair: Poeta</b>	
11:20 - 11:35	Spinal cord injury and rehabilitation	Osmers/Niedeggen	
11:35 - 11:50	Vertebroplasty and kyphoplasty	Papanastassiou	
<b>11:55 - 12:25</b>	<b>How I do it</b>		
11:55 - 12:05	Odontoid screw fixation		Ryang/Vleggeert
12:05 - 12:15	Management of facet dislocation	Ringel	
12:15 - 12:25	MIS instrumentation in trauma	Velinov	
<b>12:25 - 13:25</b>	<b>Lunch/Training Committee Meeting</b>		
<b>13:25 - 15:00</b>	<b>Infection and Tumor I</b>	<b>Chair: Kuszel</b>	
13:25 - 13:40	Spondylodiscitis and vertebral osteomyelitis		Novak
13:40 - 13:55	Rheumatoid disease of the spine (Diagnosis, pathogenesis, symptoms, etc.)		Peul
13:55 - 14:05	Craniocervical and subaxial surgery in rheumatoid disease		Casey
14:05 - 14:20	Metabolic bone diseases (osteopathies,-porosis)		Lafuente
<b>14:30 - 15:15</b>	<b>Discussion Groups (one rotation) 9</b>		
<b>15:15 - 15:45</b>	<b>Coffee break</b>		
<b>15:45 - 15:00</b>	<b>Infection and Tumor II</b>	<b>Chair: Novak</b>	
15:45 - 16:00	Epidemiology, diagnosis and staging of spinal tumors		Vajkoczy
16:00 - 16:15	Adjuvant therapy for spinal tumors (RT, CT)		Kufeld
<b>16:20 - 16:50</b>	<b>How I do it</b>	<b>Chair: Smolanka</b>	
16:20 - 16:30	Intradural extramedullary tumors	Lehecka	
16:30 - 16:40	Intramedullary tumors		Laakso
16:40 - 16:50	En bloc spondylectomy		Ringel

17:00 - 18:30 Discussion Groups (two rotations) 10 & 11

WEDNESDAY 5th OCTOBER 2016

09:00 - 09:45 Spinal malformations and monitoring Chair: Rohde

09:00 - 09:15	Spinal congenital disease	Bilginer	
09:15 - 09:30	Syringomyelia	Grotenhuis	
09:30 - 09:45	Electrophysiologic monitoring in spinal disease		Sala

09:50 - 10:30 How I do it Chair: Tisell

09:50 - 10:00	Myelomeningocele		Bilginer
10:00 - 10:10	Spinal lipoma	Tisell	
10:10 - 10:20	Chiari malformation		Meling
10:20 - 10:30	Electrophysiologic monitoring in tumors		Sala

10:30 - 11:00 Coffee break

11:00 - 13:10 Discussion Groups (three rotations) 12 - 14

13:15 - 14:15 5 Lunch/Training Committee Meeting & Luncheon seminar

14:15 - 14:45 Trainee lectures related to course topics Chair: Schaller

14:15 - 14:25  
14:25 - 14:35  
14:35 - 14:45

14:50 - 15:20 Peripheral nerves Chair: Demetriades

14:50 - 15:05	Traumatic lesions of the peripheral nerves 1		Fugleholm & CNS
15:05 - 15:15	Traumatic lesions of the peripheral nerves 2		CNS & Fugleholm
15:15 - 15:25	Entrapment neuropathies	Netuka	

15:30 - 16:00 How I do it

15:30 - 15:40	Peripheral nerve (general)	Fugleholm	
15:40 - 15:50	Carpal tunnel	Andreou	
15:50 - 16:00	Ulnar nerve		Netuka

16:00 - 16:30 Coffee break

16:30 - 18:40 Discussion Groups (three rotations) 15 - 17

18:40 - 19:00 Course conclusion & critique

## Discussion groups

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|---|-------------------------|
| 1. Indications for ACDF and cTDR                            | CNS & Vukic             |
| 2. Management of cervical myelopathy                        | Clusmann/Rohde          |
| 3. Management of failed back surgery                        | Papanastassiou/Kilincer |
| 4. Management of spondylolisthesis                          | Avelino/Bufenoir        |
| 5. Management of thoracolumbar fractures                    | Velinov/Lafuente        |
| 6. Spine injuries in osteoporosis and ankylosing disorders  | Meyer/Ivanov            |
| 7. Primary spinal tumors                                    | Thomé/Kurpad/CNS        |
| 8. Management of intramedullary tumours                     | Smrcka                  |
| 9. Revision surgery   | Novak/Demetriades       |
| 10. Management of craniocervical trauma and instability     | Omerhodzic/Barrey       |
| 11. Adult degenerative deformity                            | Peul/Ringel             |
| 12. Ethical aspects of surgeon company relationships        | Vleggeert               |
| 13. Ulnar nerve neurolysis/transposition                    | CNS & Netuka            |
| 14. Peripheral nerve injuries: Timing and repair techniques | Fugleholm               |
| 15. Chiari malformations and syringomyelia                  | Poeata                  |
| 16. Spinal cord monitoring                                  | Sala                    |
| 17. Spinal simulators                                       | Tessitore               |
| 18. Sponsored DG on Neuronavigation                         | BrainLab                |