

EANS Training Course
SPINE AND PERIPHERAL NERVES

Sunday 16th February

Chairman: Akalan

08.00 - 08.15	Welcome and Introduction – course objectives	Akalan, Lafuente
08.15 - 08.30	Introductory information	Hide
08.30 - 08.50	Overview, spinal disease	Lafuente
08.50 - 09.10	Radiology of spine	Local
09.10 - 09.30	Infections of the spine	Szabo
09.30 - 09.50	Spinal metastatic disease	Vukic
09.50 - 10.10	Spinal extradural (bone) tumors	Roche
10.10 - 10.20	How I Do It: Control bleeding	Timothy

10.20 - 10.50 Coffee break

10.50 - 12.25 Discussion groups 1 - 8

12.30 - 14.00 Lunch and TC meeting

Chairman: Roche

14.00 - 14.20	Spinal intradural tumors	Benes
14.20 - 14.30	How I Do It: Extramedullary tumors	Lehecka
14.30 - 14.40	How I Do It: Intramedullary tumors	Brotchi
14.40 - 15.00	Training skills in spinal surgery	Timothy
15.00 - 15.20	Lumbar degenerative disease	Thome
15.20 - 15.40	Thoracolumbar spine: anatomy and approach	Coppes

15.40 - 16.10 Coffee break

16.10 - 18.35 Discussion groups 1 – 8

Monday 17th February

Chairman: Thome

08.30 - 08.40 How I Do It: Lumbar herniated disc	Selviaridis
08.40 - 08.50 How I Do It: Lumbar stenosis	Verlooy
08.50 - 09.00 How I Do It: Thoracic disc	Coppes
09.00 - 09.10 How I Do It: Extra foraminal	Roche
09.10 - 09.20 How I Do It: Tubular techniques	Ringel
09.20 - 09.40 Comparison of treatments for lumbar deg. disease	Thome
09.40 - 10.00 Lumbar postdiscectomy syndrome	Israel
10.00 - 10.20 Thoracolumbar trauma	Parajon
10.20 - 10.40 Vertebroplasty and kyphoplasty	Czepko

10.40 - 11.10 Coffee break

11.10 - 12.45 Discussion groups 1 - 8

12.45 - 14.00 Lunch and TC meeting

Chairman: Coppes

14.00 - 14.20 Spinal biomechanics	Maciejczak
14.20 - 14.40 Spinal anatomy – cervico medullary junction	Destrieux
14.40 - 15.00 Cervical spine anatomy and approach	Selviaridis
15.00 - 15.20 Occipitocervical trauma	Saxena
15.20 - 15.40 Cervical subaxial trauma	Thome
15.40 - 16.00 Cervical degenerative disease	Ringel

16.00 - 16.30 Coffee break

16.30 - 18.05 Discussion groups 1 - 8

Tuesday 18th February

Chairman: Lafuente

09.30 - 11.00	Sagittal alignment of the spine: from basic concepts to clinical applications	Berjano
11.00 - 11.40	Indication, surgical techniques and complications in adult scoliosis surgery	Pellise
11.40 - 12.20	Management of children with early onset scoliosis	Ventura
12.20 - 12.50	Game Boy Spine: the modern torture	Grotenhuis
12.50 - 13.15	Coffee break	
13.15 - 14.00	CODMAN invited guest lecture: New technologies in spine, innovation or burden	Timothy

Wednesday 19th February

Chairman: Marklund

08.30 - 08.40 How I Do It: Cervical discectomy	Papanastassiou
08.40 - 08.50 How I Do It: Cervical discectomy	Vukic
08.50 - 09.05 How I Do It: Cervical stenosis and discectomy (posterior)	Poeata
09.05 - 09.15 How I Do It: Cervical stenosis (anterior)	Peul
09.15 - 09.25 Cervical arthroplasty	Saxena
09.25 - 09.45 Spinal congenital disease	Akalan
09.45 – 10.05 Syringomyelia	Grotenhuis
10.05 – 10.25 Pediatric spinal trauma	Akalan
10.25 - 10.45 Brachial plexus Injuries	Adelson
10.45 – 11.05 Entrapment neuropathies	Peerdeman

11.05 - 11.20 Coffee break

11.20 - 12.55 Discussion groups 9 - 16

13.00 – 14.15 Lunch and TC meeting

Chairman: Grotenhuis

14.15 - 14.55 Evidence based spine surgery	Peul
14.55 - 15.05 How I Do It: Myelomeningocele	Juhler
15.05 - 15.15 How I Do It: Spinal lipoma	Akalan
15.15 - 15.25 How I Do It: Chiari malformation	Grotenhuis
15.25- 15.35 How I Do It: Carpal tunnel	Czepko
15.35 - 15.45 How I Do It: Ulnar nerve	Peerdeman
15.45 - 15.55 How I Do It: Peripheral nerve	Adelson
15.55 – 16.30 TBA	

16.30 – 17.00 Coffee break

17.00 - 18.35 Discussion groups 9 - 16

Thursday 20th February

Chairman: Ringel

08.30 - 08.50 Deformity surgery

08.50 - 09.10 Minimally invasive techniques

09.10 - 09.30 Spinal monitoring

09.30 - 09.50 Spinal cord injury and regeneration

09.50 - 10.10 TBA

Peul

Barbagallo

Sala

Marklund

10.10 - 11.10 Trainee lectures

11.10 - 11.30 Coffee break

11.30 - 13.05 Discussion groups 9 - 16

13.05 - 14.30 Lunch

Chairmen: Lafuente

14.30 - 16.30 Geographical variation in the structure and training of European neurosurgical units

Peul, Arraez, Ringel, Barbagallo, Duff, Demetriades, Marklund, Czepko
Grotenhuis

16.30 - 16.50 Coffee break

16.50 - 18.25 Discussion groups 9 - 16

18.30 - 19.00 Course evaluation

Discussion Groups

Sunday/Monday

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|---|--------------------------|
| 1. Postdiscectomy syndrome | Israel/ Saxena TBC |
| 2. Lumbar instability | Roche/Szabo |
| 3. Management of intramedullary tumours | Benes/Smrcka |
| 4. Cervical arthroplasty vs. arthrodesis | Barbagallo/Timothy |
| 5. Revision surgery | Lafuente/ Mariani |
| 6. Indications for lumbar disc surgery | Smolanka/Selviaridis |
| 7. Indications and approach for cervical disc surgery | Papanastassiou/Vara Luiz |
| 8. Handling of C0 – C2 trauma and instability | Ringel/Duff |

Wednesday/Thursday

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| 9. Management of spinal injury | Marklund/Thome |
| 10. Entrapment neuropathies | Czepko/Poeata |
| 11. Peripheral nerve injuries: timing and repair techniques | Akalan/Adelson |
| 12. Ethical aspects of surgeon-company relationships | Verlooy/Lafuente |
| 13. Syringomyelia and Chiari | Grotenhuis/Juhler |
| 14. Minimal invasive stabilization | Peul/Coppes |
| 15. Adult degenerative deformity | Casey/Barbagallo |
| 16. Management of vertebral fractures | Papanastassiou/Peerdeman |