



THE EUROPEAN ASSOCIATION
OF NEUROSURGICAL SOCIETIES

EANS Course II in Spinal Surgery – Thoracolumbar Spine

Opatija, Croatia
6th – 8th November 2008

Preliminary Programme at 1st August

EANS Course II in Spinal Surgery – Thoracolumbar Spine Opatija, 6th – 8th November 2008

Programme Structure

Days 1 and 3

08.00 – 10.00	Lectures
10.00 – 10.30	Coffee
10.30 – 12.30	Discussion Groups
12.30 – 16.00	Free Time
16.00 – 17.30	Lectures
17.30 – 18.30	Wine and Spine

Day 2

08.00 – 10.00	Lectures
10.00 – 10.30	Coffee
10.30 – 12.30	Discussion Groups
12.30 – 15.30	Hands on workshops
15.30 – 16.00	Coffee
16.00 – 17.30	Lectures
17.30 – 18.30	Wine and Spine

Faculty

André Grotenhuis Chairman EANS PGEC (Postgraduate Education Committee)

EANS PGEC Spine Committee

Guy Matgé
Miro Vukic
Adrian Casey
Jake Timothy
Bernhard Meyer
Richard Assaker
Jesus Lafuente

Wilco Peul
Joerg Meisel
Martina Messing
Félix Scholtes
Gilles Perrin
Rudolf Bertagnoli
Claudius Thomé

Thursday 6th November

0800-1000 LECTURES Chair: M Vukic

0800-0810 Course Introduction

G Matgé

0810-0830 Congenital

Dysraphism - classifications, embryology and radiology

M Messing-Junger

Tethered cord - is there a role for surgery when and on whom

M Messing-Junger

0830-0900 Trauma

Mechanisms + classifications - review of trauma classifications

J Lafuente

(AO ASIA FRANKEL)

Spinal cord injury - neuroprotection and regeneration

F Scholtes

Debate – Anterior or Posterior Fixation for burst # followed by 3 cases

R Assaker

0900-0920 Infective

Discitis / osteomyelitis, epidural abscess including fungal + TB

J Timothy

Infected metalwork management

J Lafuente

0920-0930 Inflammatory

Ankylosing spondylosis – osteotomies

A Casey

0930-1000 ROUND TABLE DISCUSSION

1000-1030 COFFEE BREAK

1030-1230 DISCUSSION GROUPS

1230-1600 FREE TIME

1600-1730 LECTURES Chair: G Matgé

1600-1700 NEOPLASTIC

Secondary bone tumours

M Vukic

Primary bone tumours

A Casey

Intradural tumours – extramedullary

J Lafuente

Intradural tumours – intramedullary

B Meyer

Sacral chordomas (J Tonn)

Debate - En bloc resection versus staged surgery in spinal bone tumours

R Assaker

1700-1730 ROUND TABLE DISCUSSION

1730-1830 WINE AND SPINE

1930-2130 WELCOME RECEPTION AT VILLA ANGELINA

Friday 7th November

0800-1000 LECTURES Chair: J Timothy

0800-0810 Spinal Cysts

Tarlov perineural cysts, arachnoid cysts - intradural and extradural F Scholtes

0810-0840 Thoracic Spine Disc Disease

Anterior approach including MiniThoracotomy (B Meyer)

Other Routes - Costotransversectomy, transpedicular, extracavitary G Matgé

Endoscopic VATS B Meyer

Corpectomy- Indications, Technique and reconstruction methods R Assaker

0840-0930 Degenerative Lumbar Spine

Extra-foraminal DH G Matgé

Grade I spondylolisthesis – 50 years case presentation by chairman

Debate: TLIF, PLIF or only microsurgical approach: Speakers Bertagnoli, Perrin Meyer

Surgical Strategies High Grade III and IV Spondylolisthesis – Masterclass G Perrin

Operative menu – Degenerative Scoliosis – conservative treatment Bertagnoli

to extensive surgery

0930-1000 ROUND TABLE DISCUSSION

1000-1030 COFFEE BREAK

1030-1230 DISCUSSION GROUPS

**1230-1530 HANDS ON WORKSHOPS– lunch bags will be available
FULL DETAILS TO BE CONFIRMED**

1530 – 1600 COFFEE BREAK

1600-1730 LECTURES Chair: A Casey

1600-1620 Radiology

Radiology of degenerative lumbar spine - significance of HIZ and Modic changes (?) TBC

Debate: Is there a role for provocative discography - the evidence for and against (?) TBC

1620-1640 Vascular

AVMs dural fistula J Meisel

Aggressive haemangiomas W Peul

1640-1700 Vertebroplasty vs kyphoplasty

Debate - which is better and when?

J Timothy

1700-1730 ROUND TABLE DISCUSSION

1730-1830 WINE AND SPINE

1845-1945 WINE TASTING (Ambassador hotel)

2000 FACULTY DINNER (Plavo Podrum)

Saturday 8th November

0800-1000 LECTURES Chair: B Meyer

0800-0820 Synopsis of RCT Arthroplasty lumbar spine - indications, design rationale W Peul

0820-0840 Novel Treatments surgical results A Casey

- IDET
- Ozone
- Rhizolysis
- Nucleoplasty
- Intranuclear Replacements

0840-0900 New concepts

Chondrocytes /stem cells J Meisel
Cyberknife and focussed radiotherapy W Peul

0930-1000 ROUND TABLE DISCUSSION

1000-1030 COFFEE BREAK

1030-1230 DISCUSSION GROUPS

1230-1600 FREE TIME

1600-1730 Lectures Chair: R Assaker

1600-1630 Micro invasive techniques for lumbar canal stenosis

Interspinous spacers - Design rationale, Indications and analysis of published results. Is there really any evidence that they work? J Timothy
Microsurgical techniques for decompression in lumbar canal stenosis C Thomé
Endoscopic techniques for decompression in lumbar canal stenosis B Meyer

1630-1700 Discogenic Pain

50 years m...DDD positive - debate as before case presented by chairman with 4 experts recommending one of methods below Casey, Bertagnoli, Perrin, Timothy

- ALIF
- TDR
- Dynamic Stabilisation
- Interspinous Spacers

1700-1730 ROUND TABLE DISCUSSION

1730-1830 WINE AND SPINE

2000 GALA DINNER

HANDS ON WORKSHOP TOPICS Chair: J Lafuente

Kyphoplasty
Pepicle Screws
Dynamic Stabilisation
Artificial Disc
Neuronavigation (Stealth, Brainlab)
Injections (facet, nerve root, epidural, disc)
Corpectomy Spacers
Anterolateral fixation
Interspinous Spacers

DISCUSSION GROUPS Chair: A Grotenhuis + Faculty

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|------------------------|--|
| 1. Fractures | Burst
Chance
Complex # |
| 2. Tumours | Neurofibromatosis
Metastasis (JC 3)
Primary bone tumours of the spine
Myeloma |
| 3. Infectious | Discitis
TB
Metal work |
| 4. Degenerative | Spondylolisthesis
Artificial Disc
Posterior fusion
JC 1 + 2 + 4 |

JOURNAL CLUB

included in discussion groups with students presenting to their group with a chairman advisory role by faculty

1. Peul WC, van Houwelingen HC, van den Hout WB, Brand R, Eekhof JA, Tans JT, Thomeer RT, Koes BW; Leiden-The Hague Spine Intervention Prognostic Study Group. Surgery versus prolonged conservative treatment for sciatica.

N Engl J Med. 2007 May 31; 356(22):2245-56

2. Weinstein JN, Tosteson TD, Lurie JD, Tosteson AN, Hanscom B, Skinner JS, Abdu WA, Hilibrand AS, Boden SD, Deyo RA.

Surgical vs nonoperative treatment for lumbar disk herniation: the Spine Patient Outcomes Research Trial (SPORT): a randomized trial. JAMA. 2006 Nov 22; 296(20):2441-50.

3. Patchell RA, Tibbs PA, Regine WF, Payne R, Saris S, Kryscio RJ, Mohiuddin M, Young B. Direct decompressive surgical resection in the treatment of spinal cord compression caused by metastatic cancer: a randomised trial. Lancet 2005 Aug 20-26; 366 (9486):643-8.

4. Thomé C, Zevgaridis D, Leheta O, Bänzner H, Pockler-Schöniger C, Wöhrle J, et al: Outcome after less-invasive decompression of lumbar spinal stenosis: a randomized comparison of unilateral laminotomy, bilateral laminotomy, and laminectomy. **J Neurosurg Spine** 3:129–141, 2005