

Masterclass Spinal Surgery Part 1: Decompressive procedures 06-08 May 2025, Vienna

Provisory program

Day 1: May 06th

08:30-10:30 Lectures and case-based discussions

- Welcome and introduction to course
- Key features of the neurologic examination for spine
- Neuroanatomic lesion localization and severity
- Diagnostic imaging - benefits for various techniques
- Equipment and instrumentation for spinal decompressive procedures
- Surgical anatomy and approaches for the thoracolumbar spine
- Step-by-step hemilaminectomy and mini-hemilaminectomy

10:30-11:00 Coffee break

11:00-13:00 Lab 1

Thoracolumbar spine - demonstration and practical

- Hemilaminectomy

13:00-14:00 Lunch break

14:00-15.30 Lab 2

Thoracolumbar spine - demonstration and practical

- Mini-hemilaminectomy

15:30-16:00 Coffee break

16:00-17:30 Lectures

- Complications and postoperative care after TL decompression
- Treatment decision making for TL decompression
- Discussion and wrap up of day 1

19:00-21:30 Social Dinner

Day 2: May 7th

08:30-10:30 Lab 3

Thoracolumbar spine - demonstration and practical

- Lateral fenestration
- Lateral corpectomy

10:00-10:30 Coffee break

10:30-12:30 Lectures and case-based discussions

Lumbosacral spine

- Decision making for lumbosacral diseases
- Surgical anatomy and approaches for the lumbosacral spine
- Step-by-step: dorsal laminectomy and microdiscectomy

12:30-13:30 Lunch break

13:30-15:00 Lab 4

Lumbosacral spine - demonstration and practical

- Dorsal laminectomy and microdiscectomy

15:00-15:30 Coffee break

15:30-16:30 Lab 5

Lumbosacral spine - demonstration and optional practice

- LS facetectomy and lateral foraminotomy

16:30-17:30 Lectures

- Complications and postoperative care after LS decompression
- Discussion and wrap up of day 2

Day 3: May 8th

08:30-10:00: Lectures and case-based discussions

Cervical spine

- Treatment decision making for cervical decompression
- Surgical anatomy and approaches for the cervical spine
- Step-by-step: ventral approach and ventral slot

10:00-10:30 Coffee break

10:30-12:30 Lab 6

Cervical spine - demonstration and practical

- Ventral approach and ventral slot

12:30-13:30 Lunch break

13:30- 15:00 Lab 7

Cervical spine - demonstration and practical

- Dorsal approach and dorsal laminectomy

15:00-15:30 Coffee break

15:30- 16:00 Lab 8

Cervical spine - demonstration

- Lateral approach

16:00-17:00 Lectures

- Complications and postoperative care after cervical decompression
- Discussion and wrap-up of the masterclass

The course program is subject to last minute slight changes

