

AOSpine Principles Specimen Course (AMTS)

16 Oct 2014 - 17 Oct 2014, Muttentz, Switzerland

Thursday, 16 Oct 2014 (Day 1)

Start	End	Title	Moderators/Faculty	Location/Documents	Duration
13:30	13:40	Opening remarks Welcoming and introduction to AOSpine	Stefan Schaeren		10
13:40	17:00	Theoretical session for spinal exposures After this session the participants should be able to: <ul style="list-style-type: none"> • Explain the steps necessary for approaching the spine posteriorly from occiput to sacrum • Explain the steps necessary for approaching the cervical spine anteriorly • Explain the surgical steps performed during lumbar discectomy • Explain the surgical techniques for lumbar decompression (laminotomy/laminectomy/cross-over) • Explain the steps for pedicle screw placement in the thoracic and lumbar spine • Explain the steps for cervical stabilization (ACIF, Dens screw, C1/C2 fixation, lateral mass screws, pedicle screws) • Explain principles and techniques of spinal fusion 	Oliver Hausmann; Stefan Schaeren		200
13:40	14:00	Lecture Posterior exposure of the spine from occiput to sacrum	Stefan Schaeren		20
14:00	14:20	Lecture Anterior cervical approach	Oliver Hausmann		20

AOSpine Principles Specimen Course (AMTS)

16 Oct 2014 - 17 Oct 2014, MuttENZ, Switzerland

Thursday, 16 Oct 2014 (Day 1)

Start	End	Title	Moderators/Faculty	Location/Documents	Duration
14:20	14:40	Lecture Lumbar discectomy and decompression	Denis Kaech		20
14:40	15:00	Lecture Far lateral disc herniation	John Duff		20
15:00	15:20	Coffee break			20
15:20	15:40	Lecture Pedicle screw placement in the thoracic and lumbar spine	Constantin Schizas		20
15:40	16:00	Lecture Posterior stabilization of the cervical spine and cervico-thoracic junction	Klaus Schnake		20
16:00	16:20	Lecture Principles and techniques of spinal fusion	Ulrich Seidel		20
16:20	16:40	Lecture Bone graft and bone graft substitutes	Paul Heini		20
16:40	17:00	Lecture Update Spinal Navigation	Christian Ulrich		20

AOSpine Principles Specimen Course (AMTS)

16 Oct 2014 - 17 Oct 2014, Muttentz, Switzerland

Friday, 17 Oct 2014 (Day 2)

Start	End	Title	Moderators/Faculty	Location/Documents	Duration
08:00	12:30	Session 1: Cadaveric practicals After this session, participants should be able to: <ul style="list-style-type: none"> • Expose the spine posteriorly from occiput to sacrum • Perform the steps for lumbar microdiscectomy • Perform the steps for lumbar decompression including laminectomy and cross over technique • Perform the steps for far lateral discectomy • Perform the steps for thoracolumbar pedicle screw placement 	Oliver Hausmann; Denis Kaech; Stefan Schaeren; Constantin Schizas; Klaus Schnake; Ulrich Seidel; Christian Ulrich		270
08:00	08:45	Lecture Posterior approaches to the spine	Stefan Schaeren		45
08:45	10:00	Lecture Lumbar decompression and discectomy	Denis Kaech		75
10:00	10:30	Coffee break			30
10:30	11:30	Lecture Thoracolumbar pedicle screw placement	Constantin Schizas		60
11:30	12:30	Lecture Far lateral disc herniation (in rotation)	John Duff		60
12:30	13:30	Lunch break			60

AOSpine Principles Specimen Course (AMTS)

16 Oct 2014 - 17 Oct 2014, Muttentz, Switzerland

Friday, 17 Oct 2014 (Day 2)

Start	End	Title	Moderators/Faculty	Location/Documents	Duration
13:30	17:15	Session 2: Cadaveric practicals After this session, participants should be able to: <ul style="list-style-type: none"> • Perform posterior stabilization of the subaxial cervical spine • Perform C1/C2 stabilization • Expose the cervical spine anteriorly • Perform discectomy • Perform anterior screw fixation of the dens 			225
13:30	14:30	Lecture Posterior stabilization of cervical spine (C1/C2, lateral mass screws, pedicle screws, cervicothoracic junction)	Klaus Schnake		60
14:30	15:00	Lecture Bone graft harvesting from the iliac crest	Ulrich Seidel		30
15:00	15:30	Coffee break			30
15:30	16:15	Lecture Anterior approach to the cervical spine including discectomy	Oliver Hausmann		45
16:15	17:00	Lecture Anterior screw fixation dens (in rotation)	Klaus Schnake		45
17:00	17:15	Lecture Summary and questions	Stefan Schaeren		15