

AONeuro Course—Neurotrauma

14 Jul 2016 - 15 Jul 2016, Murnau, Germany

Thursday, 14 Jul 2016 (Day 1)					
Start	End	Title	Moderators/Faculty	Location/Documents	Duration
08:00	08:20	Opening remarks Welcoming comments and objectives	Michael Bierschneider; Aurelia Peraud		20
08:20	08:40	Opening remarks AO & AONeuro Initiative	Christian Matula		20
08:40	09:45	Session 1: Neurotrauma Epidemiology, Pathomech, Imaging	Niklas Thon		65
08:40	08:45	Opening remarks Introduction by Moderator	Niklas Thon		5
08:45	09:05	Lecture Neurotrauma Epidemiology/classification	Nicole Terpolilli; Niklas Thon		20
09:05	09:25	Lecture Research in Neurotrauma	Nikolaus Plesnila		20
09:25	09:45	Lecture Neurotrauma and imaging - prognosis	Andreas Grillhösl		20
09:45	10:05	COFFEE BREAK			20
10:05	10:50	Session 2: conservative treatment & Monitoring	Christian Matula		45
10:05	10:10	Opening remarks Introduction by Moderator	Christian Matula		5
10:10	10:30	Lecture TBI guidelines	Aurelia Peraud; Andreas Unterberg		20

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10:30	10:50	Lecture Neuromonitoring	Niklas Thon		20
10:50	15:15	Session 3: surgical treatment	Michael Bierschneider		265
10:50	10:55	Opening remarks Decompressive craniectomy	Michael Bierschneider		5
10:55	12:15	Case presentation Interactive Case Presentations & Discussion - Decompressive Craniectomy (decision making) - EDH,SDH,Contusion - ICP Monitoring, placement of bolt - Pitfalls in imaging (misinterpretation)	Michael Bierschneider; José Fernández-Alén; Stephen Lewis; Christian Matula; Joachim Schulz		80
12:15	13:15	LUNCH BREAK			60
13:15	15:15	Workshop (dry bone) Workshop on 1. Decompressive craniectomy (including video and drilling course) 2. Cranial reconstruction (including plates and screws, clamps)	Rolf-Dieter Bader; Michael Bierschneider; Francesco Biroli; José Fernández-Alén; Andreas Grillhösl; Stefan Hauck; Stephen Lewis; Christian Matula; Stephanie Panzer; Aurelia Peraud; Nikolaus Plesnila; Joachim Schulz; Niklas Thon; Jan Vastmans; Frithjof Wagner		120
15:15	15:35	COFFEE BREAK			20
15:35	17:30	Session 4: Dural repair/Cranioplasty	Francesco Biroli		115
15:35	15:40	Lecture Introduction by moderator	Francesco Biroli		5

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15:40	16:00	Lecture Dural repair	Francesco Biroli		20	
16:00	16:20	Lecture Skull base fractures and traumatic CSF leak management	Christian Matula		20	
16:20	16:40	Lecture Reconstruction of the cranial vault	Michael Bierschneider		20	
16:40	17:30	Case presentation Interactive Case Presentations & Discussions - Skullbase Fracture - Traumatic scalp defect management - Cranial vault reconstruction in trauma	Michael Bierschneider; Francesco Biroli; Christian Matula; Niklas Thon		50	

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Friday, 15 Jul 2016 (Day 2)

Start	End	Title	Moderators/Faculty	Location/Documents	Duration
08:00	12:00	Session 5: Interdisciplinary Management,multiple injured patient	Michael Bierschneider		240
08:00	08:05	Opening remarks Introduction by Moderator	Michael Bierschneider		5
08:05	08:25	Lecture Primary assessment/emergency room	Frithjof Wagner		20
08:25	08:45	Lecture Timing of surgery	Michael Bierschneider		20
08:45	09:05	Lecture Injuries of the upper cervical spine	Jan Vastmans		20
09:05	09:25	Lecture CMF	Rolf-Dieter Bader		20
09:25	09:50	COFFEE BREAK			25
09:50	12:00	Discussion Session 6: small group discussion	Rolf-Dieter Bader; Michael Bierschneider; Francesco Birolì; José Fernández-Alén; Andreas Grillhösl; Stefan Hauck; Stephen Lewis; Christian Matula; Stephanie Panzer; Aurelia Peraud; Nikolaus Plesnila; Joachim Schulz; Niklas Thon; Jan Vastmans; Frithjof Wagner		130
12:00	13:00	LUNCH BREAK			60
13:00	15:30	Session 7: Special Interests	José Fernández-Alén		150

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Start	End	Title	Moderators/Faculty	Location/Documents	Duration
13:00	13:05	Lecture Introduction by Moderator	José Fernández-Alén		5
13:05	13:25	Lecture Vascular injuries in Neurotrauma	José Fernández-Alén		20
13:25	13:45	Lecture Pediatric TBI	Aurelia Peraud		20
13:45	14:05	Lecture Concussion in sports	Stephen Lewis		20
14:05	15:15	Case presentation Interactive case presentation and discussion: - My worst case/delayed complications	Rolf-Dieter Bader; Michael Bierschneider; Francesco Biroli; José Fernández-Alén; Andreas Grillhösl; Stefan Hauck; Stephen Lewis; Christian Matula; Stephanie Panzer; Aurelia Peraud; Nikolaus Plesnila; Joachim Schulz; Niklas Thon; Jan Vastmans; Frithjof Wagner		70
15:15	15:25	Lecture AONeuro – Perspectives for the future	Christian Matula		10
15:25	15:30	Closing remarks Evaluation and closing of the course and certificates	Michael Bierschneider; Aurelia Peraud		5