

Program

AONeuro Course – Neurotrauma

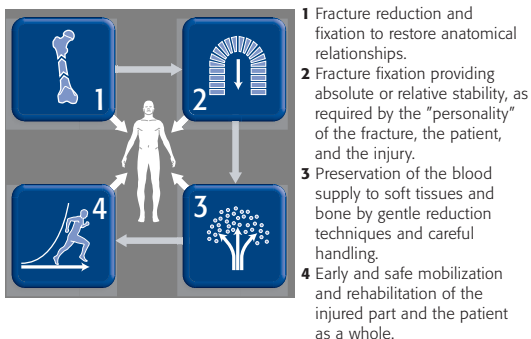
July, 09–10, 2015
Murnau, Germany



Mission

Our mission is to continuously set standards in postgraduate medical education and to foster the sharing of medically guided expertise in a worldwide network of health-care professionals to improve patient care in trauma or disorders of the musculoskeletal system.

The AO principles of fracture management



Welcome

On behalf of the AO Foundation and your AONeuro regional and international faculty, I would like to welcome you to this Neurotrauma educational event.

AONeuro is a unique worldwide multi-specialty community that includes cranial Neurosurgeons, Neurologists, Neuro intensivists, Neuro anesthesiologists, Neuro traumatologists, and Neurological professionals involved in cranial neurological trauma, cranial oncologic and cerebrovascular surgery, cranial reconstruction, and cranial congenital anomalies surgery.

Education has always been a major focus of the AO Foundation. Each year, more than 46,000 surgeons participate in 750 AO education events worldwide. AONeuro is committed to communicating the latest advances, literature, treatment information and protocols in education, equipment, and new developments as we strive to improve your educational experience by providing you education at the forefront of your specialty.

Your cranial neurological colleagues are working diligently to bring you the latest in cranial neurological education, and have initiated specific programs in the area of traumatic brain injury, skull base surgery and cranial reconstruction. Cranial AO Neurosurgeons also collaborate with their AOSpine colleagues to bring you the latest developments in combined brain and spinal cord trauma. Here, AOSpine colleagues present related lecture material. Cranial neurological surgeons also cooperate with craniomaxillofacial colleagues in the areas of facial and cranial trauma, congenital craniofacial anomalies, skull base trauma, skull base surgery and reconstruction.

We hope that your experience with us over the next few days will result in the acquisition of new knowledge, skills, and understanding that can directly be translated into improved care and outcomes for your patient.

So, once again, I welcome you to this AONeuro event, and I wish you all a most successful few days ahead.

Yours sincerely,

A handwritten signature in blue ink that reads "Paul N. Manson". The signature is fluid and cursive, with the first name "Paul" and last name "Manson" clearly legible.

Paul N Manson
Coordinator, AONeuro

Goal of the course

The AO Neurotrauma Course covers the theoretical basis and practical principles for managing neurotrauma, addressing complications, and performing state-of-the-art reconstructive surgery.

Target participants

The course has been developed for surgeons who manage neurotrauma and reconstruction and who have a strong interest in these fields. It has a focus on interdisciplinary care and is appropriate for neurosurgeons, CMF, ENT, trauma, and other surgeons.

Course description

This course covers the current best strategies and considerations for managing neurotrauma patients. It features an international faculty of experts and is based on the competencies defined in AONeuro's new curriculum in neurotrauma. The course content is delivered using multiple methods. Comprehensive lectures concentrate on the understanding of core material. Interactive case presentations further deepen this knowledge and enrich the discussion in trauma management. Practical sessions teach the application of AO principles to the management of common injuries. Case-based discussions link the lecture material and practical skills with the clinical problems encountered in real practice.

Course objectives

After the course, participants should be able to:

- Apply current classification systems and guidelines in neurotrauma
- Manage neurotrauma and skull base fractures in adult, pediatric, and polytrauma patients
- Conduct advanced neuromonitoring
- Plan and perform appropriate operative treatment (eg, decompressive craniotomy, complex cranial reconstruction)
- Manage CSF leaks and other complications and perform dural repairs

Invitation

Dear colleagues,
On behalf of AONeuro and your local and international faculty, we would like to welcome you to this AONeuro course.

AONeuro has recently been established as an own specialty within the AO family, and we are very thankful to colleagues from AOCMF as well as Warren Schubert (Chairman AOCMF International) and Paul Manson (AO Board of Directors appointed Coordinator for AONeuro) who supported our group in the last years.

Education has always been a major pillar in the AO and AONeuro is committed to remaining in the forefront of education and new developments as we strive to improve your educational experience with us. It is our goal to encourage and inspire younger neurosurgeons, but also those of neighbouring disciplines interested in the management of neurotrauma to pursue fulfilling careers in our field.

This course will take place at the Trauma Centre Murnau, one of Germany's biggest trauma centres, and is organized in close collaboration with the Neurosurgical Department of the Ludwig-Maximilian-University Munich.

We hope that your experience with us over the next few days will result in the acquisition of new knowledge, skills and understanding, which will translate into an improvement in the care that you are able to give your patients.

We also hope that, as a result of this course, you will wish to develop a longer term relationship with AONeuro and become a member of our community. Make this organization yours by bringing in your opinions and ideas.



Michael Bierschneider
Chairman



Aurelia Peraud
Chairman

Course Chairs



Dr. Michael Bierschneider

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Priv.-Doz. Dr. med. Aurelia Peraud

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Faculty

Rolf-Dieter Bader, Murnau, Germany

Francesco Birolì, Bergamo, Italy

Bronek Boszczyk, Nottingham, United Kingdom

José Fernández-Alén, Madrid, Spain

Andreas Grillhösl, Murnau, Germany

Stephen Lewis, Perth, Western Australia

Christian Matula, Vienna, Austria

Stephanie Panzer, Murnau, Germany

Nikolaus Plesnila, Munich, Germany

Joachim Schulz, Murnau, Germany

Niklas Thon, Munich, Germany

Raimund Trabold, Munich, Germany

Andreas Unterberg, Heidelberg, Germany

Frithjof Wagner, Murnau, Germany

Katharina Wolf, Murnau, Germany

Thursday, July 09, 2015

TIME	AGENDA ITEM	WHO
07:30–08:00	Registration	
08:00–08:20	Welcoming comments and objectives	Aurelia Peraud / Michael Bierschneider
08:20–08:40	AO and AONeuro Initiative	Christian Matula
08:40–08:45	Session 1: Neurotrauma epidemiology, pathomechanics, imaging	Moderator: Niklas Thon
08:45–09:05	Neurotrauma epidemiology/ classification	Niklas Thon
09:05–09:25	Neurotrauma and imaging – emergency	Stephanie Panzer
09:25–09:45	Neurotrauma and imaging – prognosis	Andreas Grillhösl
09:45–10:05	COFFEE BREAK	
10:05–10:10	Session 2: Nonoperative treatment and monitoring	Moderator: Stephen Lewis/ Christian Matula
10:10–10:30	TBI guidelines	Stephen Lewis
10:30–10:50	Neuromonitoring and nonoperative treatment	Andreas Unterberg
10:50–10:55	Session 3: Surgical treatment Decompressive craniectomy	Moderator: Aurelia Peraud
10:55–12:15	Interactive case presentations and discussion - Decompressive craniectomy (decision making) - EDH, SDH, contusion - ICP monitoring, placement of bolt - Pitfalls in imaging (misinterpretation)	Michael Bierschneider/ Joachim Schulz/ Christian Matula/ Andreas Unterberg/ Stephen Lewis
12:15–13:15	LUNCH BREAK	
13:15–15:15	Practical exercises 1. Decompressive craniectomy (including video and drilling) 2. Cranial reconstruction (including plates and screws, clamps)	All Faculty
15:15–15:35	COFFEE BREAK	
15:35–15:40	Session 4: Interdisciplinary management multiple injured patient	Moderator: Michael Bierschneider
15:40–16:00	Emergency room – primary assessment	Frithjof Wagner
16:00–16:20	Timing of surgery	Michael Bierschneider
16:20–16:40	Injuries of the upper cervical spine	Bronek Boszczyk (AOSpine)
16:40–17:00	CMF	Rolf-Dieter Bader
17:00	End of day 1	
19:00	Get-Together	

Friday, July 10, 2015

TIME	AGENDA ITEM	WHO
08:00–08:05	Session 5: Cranioplasty/dural repair	Moderator: Francesco Biroli
08:05–08:25	Dural repair (general)	Francesco Biroli
08:25–08:45	Skull base fractures and traumatic CSF leak management	Christian Matula
08:45–09:05	Reconstruction of the cranial vault	Raimund Trabold
09:05–10:05	Interactive case presentation and discussion - Skull base fracture - CMF reconstruction - Cranial vault reconstruction in trauma - Traumatic scalp defect management	All Faculty
10:05–10:30	COFFEE BREAK	
10:30–10:35	Session 6: Rehabilitation/delayed complications	Moderator: Michael Bierschneider
10:35–10:55	Rehabilitation	Katharina Wolf
10:55–12:00	Interactive case presentations and discussion (3 cases) My worst case/delayed complications	All Faculty to show 1 case
12:00–13:00	LUNCH BREAK	
13:00–14:00	Practical exercise Primary assessment / decision making	
14:00–14:05	Session 7: Special interests	Moderator: Stephen Lewis
14:05–14:25	Vascular injuries in neurotrauma	José Fernández-Alén
14:25–14:45	Pediatric TBI	Aurelia Peraud
14:45–15:05	Concussion in sports	Stephen Lewis
15:05–15:20	Future developments/research in TBI	Nikolaus Plesnila/ Raimund Trabold
15:20–15:30	AONeuro – Perspectives for the future	Christian Matula
15:30	Evaluation and closing of the course and certificates	Michael Bierschneider/ Aurelia Peraud

General information

Course Organization

AO Foundation

AONEuro

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Course Logistics

Industrial Partner

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Veranstaltungsmanagement
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Course Venue

Berufsgenossenschaftliche Unfallklinik Murnau
Hörsaal (Lecture-Room)
Prof.-Küntscher-Str 8
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Phone: +49 8841 48 0
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Information, Registration online

http://aoneuro_murnau2015.aocmf.org

If you need assistance with the registration, we are pleased about your call or email. Thank you!

Local Organization

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Technical Course Support: Enno Scharf
Phone: +49 7665 503 314

Course fee

475,- €

Please transfer the course fee to:

Remittee: KPMG AG

(Heinrich-von-Stephan-Straße 23, 79100 Freiburg)

Account-No. 070 985 700

(BLZ 100 700 00) Deutsche Bank Berlin

BIC (Swift-Code): DEUTDEBB,

IBAN: DE33 1007 0000 0070 9857 00

Keyword: "AONeuro Course, Murnau" (name participant)

Cancellation policy: 20% of course fee until 7 days before event starts.

Course language

English

Evaluation guidelines

All AONeuro courses apply the same evaluation process, either ARS (audience response system) or paper and pencil questionnaires. This will help AONeuro to ensure that we continue to meet your training needs. In some regions, CME accreditation is dependent on the participant's evaluation results.

Intellectual property

Course materials, presentations, and case studies are the intellectual property of the course faculty. All rights are reserved. Check hazards and legal restrictions on www.aofoundation.org/legal. The AO Foundation reserves the right to film, photograph, and audio record during their events. Participants must understand that in this context they may appear in these recorded materials. The AO Foundation assumes participants agree that these recorded materials may be used for AO marketing and other purposes, and made available to the public. Recording, photographing, or copying of lectures, practical exercises, case discussions, or any course materials is absolutely forbidden.

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Security

Security check at the entrance of the building. Wearing of a name tag is compulsory during lectures, workshops, and group discussions.

No insurance

The course organization does not take out insurance to cover any individual against accidents, thefts or other risks.

Mobile phone use

Mobile phone use is not allowed in the lecture halls and in other rooms during educational activities. Please be considerate of others by turning off your mobile phone.

Dress code

Casual

Worldwide educational activities 2015

AP	AONeuro Lecture—Neurotrauma	Mar 6	Tokushima, Japan
AP	AONeuro Course—Skull Base	Mar 19–21	Bangkok, Thailand
LA	AONeuro Course—Neurotrauma	Mar 25	Cartagena, Colombia
EU	AONeuro Course—Skull Base	Apr 8–10	Arezzo, Italy
AP	AONeuro Course—Skull Base	May 8–10	Bangalore, India
EU	AONeuro Course—Neurotrauma	May 14–15	Edinburgh, UK
AP	AONeuro Course—Neurotrauma, Principles	May 19–20	Guangzhou, China
AP	AONeuro Course—Neurotrauma, Advances	May 21–22	Guangzhou, China
ME	AONeuro Course—Neurotrauma	Jun 4–5	Abu Dhabi, UAE
AP	AONeuro Symposium—TBI	Jun 13	Seoul, Korea
EU	AONeuro Course—Neurotrauma	Jul 9–10	Murnau, Germany
LA	AONeuro Seminar—Neurotrauma	Aug 5	Mazatlan, Mexico
NA	AONA Combined AONeuro/ AOSpine Residents Workshop	Sep 24–26	Seattle, USA
EU	AONeuro Course—Skull Base	Oct 14–16	Vienna, Austria
NA	AONA Combined AONeuro/ AOSpine Residents Workshop	Nov 5–7	Pittsburgh, USA
LA	AONeuro Seminar—Neurotrauma	Nov 12	Santiago, Chile
EU	AONeuro Course—Neurotrauma	Dec 14–18	Davos, Switzerland

Color code: **EU** Europe **NA** North America **LA** Latin America **AP** Asia Pacific **ME** Middle East

List subject to change.

If you would like to receive information about news and events please sign up for our newsletter on www.aoneuro.org.



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