

Program

AONeuro Course— Neurotrauma

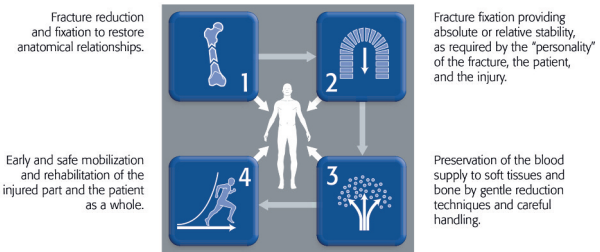
July 14–15, 2016, Murnau, Germany



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 healthcare professionals to improve patient care in trauma or disorders of the musculo-skeletal system.

The AO principles of fracture management



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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, neurointensivists, neuro anesthesiologists, neurotraumatologists, and neurology-related 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 colleagues in cranial neurology are working diligently to bring you the latest in cranial neurological education. They have initiated specific programs in the area of traumatic brain injury and skull base surgery and reconstruction. Cranial AONeuro surgeons also collaborate with their AOSpine colleagues to bring you the latest developments in combined brain and spinal cord trauma. 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,



Paul N Manson

AO Board of Directors appointed Coordinator for AONeuro

Goal of the course

The AONeuro Course—Neurotrauma 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 residents and surgeons that manage neurotrauma and reconstruction and who have a strong interest in these fields.

It focuses on interdisciplinary care and is appropriate for neurosurgeons, CMF, ENT, trauma- and other surgeons.

Course objectives

Upon completion of this 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 cerebrospinal fluid leaks and other complications and perform dural repairs.

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 educational methods. Comprehensive lectures concentrate on the understanding of core material. Interactive case presentations further deepen this knowledge and facilitate the discussion in trauma management.

Practical exercises enable participants to apply AO principles in the management of common injuries. Case-based discussions link the lecture material and practical skills with the clinical problems commonly encountered in every-day practice.

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 its 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 recent 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 center, 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.



Aurelia Peraud
Chairperson



Michael Bierschneider
Chairperson

Chairpersons



Priv.-Doz. Dr. med. Aurelia Peraud

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Dr. Michael Bierschneider

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Prof.-Küntschers-Str. 8
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International faculty

Stephen Lewis, Perth, Australia

Regional faculty

Francesco Biroli, Bergamo, Italy
José Fernández-Alén, Madrid, Spain
Christian Matula, Vienna, Austria

National faculty

Rolf-Dieter Bader, Murnau, Germany
Andreas Grillhösl, Murnau, Germany
Stefan Hauck, Murnau, Germany
Nikolaus Plesnila, Munich, Germany
Joachim Schulz, Murnau, Germany
Nicole Terpolilli, Munich, Germany
Niklas Thon, Munich, Germany
Jan Vastmans, Murnau, Germany
Frithjof Wagner, Murnau, Germany

Guest lectures

Stefanie Panzer, Murnau, Germany
Andreas Unterberg, Heidelberg, Germany

Course organization

AO Foundation

AONeuro

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Thursday, July 14, 2016

TIME	AGENDA ITEM	WHO
07:30–08:00	Registration	
08:00–08:20	Welcoming comments and objectives	A Peraud, M Bierschneider
08:20–08:40	Case presentation	M Bierschneider
08:40–08:45	Module 1: Neurotrauma epidemiology, pathomechanism and imaging Introduction by moderator	Moderator: N Thon
08:45–09:05	Neurotrauma epidemiology/ classification	N Terpolilli
09:05–09:25	Research in neurotrauma	N Plesnila
09:25–09:45	Neurotrauma and imaging— prognosis	A Grillhösl
09:45–10:05	COFFEE BREAK	
10:05–10:10	Module 2: Nonoperative treatment and monitoring Introduction by moderator	Moderator: A Peraud
10:10–10:30	Traumatic brain injury (TBI) guidelines	A Unterberg
10:30–10:50	Neuromonitoring	N Thon
10:50–10:55	Module 3: Surgical treatment and decompressive craniectomy Introduction by moderator	Moderator: M Bierschneider
10:55–12:15	Interactive case presentations and discussions <ul style="list-style-type: none"> • Decompressive craniectomy (decision making) • EDH, SDH, contusion • Intracranial pressure (ICP) monitoring, bolt placement • Pitfalls in imaging (misinterpretation) 	M Bierschneider, J Schulz, C Matula, A Peraud
12:15–13:15	LUNCH BREAK	
13:15–15:15	Practical exercises <ol style="list-style-type: none"> 1. Decompressive craniectomy (video and drilling) 2. Cranial reconstruction (plates, screws, and clamps) 	All faculty
15:15–15:35	COFFEE BREAK	
15:35–15:40	Module 4: Dural repair and cranioplasty Introduction by moderator	Moderator: C Matula
15:40–16:00	Dural repair	F Biroli
16:00–16:20	Skull base fractures and traumatic cerebrospinal fluid (CSF) leak management	C Matula
16:20–16:40	Reconstruction of the cranial vault	M Bierschneider
16:40–17:30	Interactive case presentations and discussions <ul style="list-style-type: none"> • Skullbase fracture • Traumatic scalp defect management • Cranial vault reconstruction in trauma 	C Matula, S Lewis, F Biroli, M Bierschneider
17:30	End of day 1	
19:00	GET TOGETHER	

Friday, July 15, 2016

TIME	AGENDA ITEM	WHO
08:00–08:05	Module 5: Interdisciplinary management and multiple injured patient Introduction by moderator	Moderator: S Lewis
08:05–08:25	Primary assessment/emergency room	F Wagner
08:25–08:45	Timing of surgery	M Bierschneider
08:45–09:05	Injuries of the upper cervical spine	J Vastmans
09:05–09:25	CMF—interdisciplinary management	R-D Bader
09:25–09:50	COFFEE BREAK	
09:50–12:00	Module 6: Small group discussions Presentation of individual cases	All faculty
12:00–13:00	LUNCH BREAK	
13:00–13:05	Module 7: Special interests Introduction by moderator	Moderator: J Fernández-Alén
13:05–13:25	Vascular injuries in neurotrauma	J Fernández-Alén
13:25–13:45	Pediatric TBI	A Peraud
13:45–14:05	Concussion in sports	S Lewis
14:05–15:15	Interactive case presentations and discussions • My worst case and delayed complications	All faculty
15:15–15:25	AONeuro—past, present and future	C Matula
15:25–15:30	Evaluation and closing of the course and certificates	A Peraud, M Bierschneider
15:30	End of the course	

Course logistics

Local organisation

AO Kurssekretariat Deutschland

Postfach 1163

79220 Umkirch

Administration: Kathrin Stork

Phone: +49 7665 503 338

Fax: +49 7665 503 193

Email: stork.kathrin@ao-courses.com

Technical Course Support: Antonio De Lellis

Phone: +49 7665 503 312

Course information

Course fee

475,- €

Please transfer the course fee to:

Remittee: KPMG AG

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

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.

Online registration

http://aoneuro_germany_2016.aocmf.org

If you need assistance with the registration, please call us or write us an email.

Course language

English

Accreditation

An application has been made to the UEMS-EACCME for CME accreditation of this event.

Evaluation guidelines

All AONeuro courses apply the same evaluation process, either the audience response system (ARS) or paper and pencil questionnaires. This will help AONeuro to ensure that we continue to meet your training needs.

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.

Recording, photographing, or copying of lectures, practical exercises, case discussions, or any course materials is absolutely forbidden. Participants violating intellectual property will be dismissed.

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.

Security

Security checks may be conducted 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.

Use of mobile phone

Use of mobile phones 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

Course venue

Berufsgenossenschaftliche Unfallklinik Murnau Hörsaal (Lecture-Room)

Prof.-Küntschner-Straße 8
82418 Murnau, Germany
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AONeuro educational activities 2016

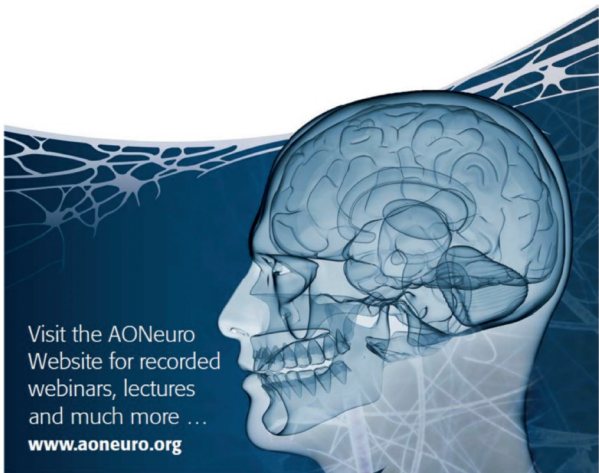
SA	AONeuro Course—Neurotrauma	Jan 30–31	Capetown, South Africa
AP	AONeuro Symposium—Traumatic Brain Injury	Feb 20	Suwon, Korea South
AP	AONeuro Symposium—Neurotrauma	Feb 28	Sendai, Japan
EU	AONeuro Course—Neurotrauma	Apr 12–14	Pacengo di Lazise, Italy
AP	AONeuro Symposium—Neurotrauma	Apr 21	Changsha, China
LA	AONeuro Course—Neurotrauma	May 27–28	Lima, Peru
AP	AONeuro Course—Neurotrauma	May 27–29	Mumbai, India
AP	AONeuro Lecture—Skull Base	Jun 14	Osaka, Japan
LA	AONeuro Course—Neurotrauma	Jun 17–18	Sao Paulo, Brazil
AP	AONeuro Course—Skull Base Micro Dissection	Jul 1–3	Bangkok, Thailand
EU	AONeuro Course—Neurotrauma	Jul 14–15	Murnau, Germany
NA	AONeuro Course—Neurotrauma and Critical Care	Oct 1–2	Philadelphia, USA
EU	AONeuro Course—Skull Base	Oct 19–21	Vienna, Austria
NA	AONeuro Course—Advanced Skull Base and Cerebrovascular Surgical Approaches	Oct 21–23	Miami, USA
NA	AONeuro Course—Pediatric Neurotrauma	Nov 18–19	Phoenix, USA
LA	AONeuro Course—Neurotrauma	Dec 8	Bogota, Colombia
Global	AONeuro Webinar—Neurosurgical Emergencies	Dec 12	Davos, Switzerland
Global	AONeuro Course—Neurotrauma	Dec 13–15	Davos, Switzerland

AP Asia Pacific **EU** Europe **LA** Latin America **NA** North America **SA** South Africa



Event Dates are subject to change,
please check the AONeuro website
for latest information
<http://tiny.cc/e7189x>

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Logistics and support provided by an educational grant from Johnson & Johnson Medical GmbH, Division DePuySynthes.