

Course program

AONeuro Course—Neurotrauma

May 17–18, 2017, Moscow, Russian Federation



Welcome

On behalf of the AO Foundation and your AONEuro faculty, it is my pleasure to welcome you to this neurotrauma educational event!

Through its major focus on education, the AO Foundation brings educational excellence to over 46,000 surgeons at 750 AO events worldwide each year.

As part of the AO Foundation, AONEuro serves as a worldwide, multispecialty community of cranial neurosurgeons, neurologists, neurointensivists, and neurology-related professionals who are committed to improving neuro patient outcomes.

AONEuro's educational offering focuses on Traumatic Brain Injury, Skull Base Surgery, and Cerebrovascular Surgery.

To enhance the effectiveness of our programs, we cooperate with regional, national, and international neurosurgical organizations, as well as with our AOSpine and AOCCMF colleagues. This way, we can bring you the latest developments in the treatment of brain, facial, spinal cord trauma, and congenital anomalies.

Our case-based learning approach, together with practical skill training in the laboratory, enables you to develop your skills using the newest equipment, along with the latest scientific knowledge.

After this course concludes, please visit our website, www.aoneuro.org, where you can sign-up for our newsletter, find additional educational materials, and learn about upcoming educational activities.

We thank you for your participation and wish you a successful AONEuro course experience.

Yours sincerely,



Paul N Manson

AO Board of Directors appointed Coordinator for AONEuro

Content

- 3 Welcome
- 4 Goal of the course
- 4 Target participants
- 4 Learning objectives
- 4 Course description
- 5 Chairpersons
- 5 Faculty
- 6 Wednesday, May 17, 2017
- 8 Thursday, May 18, 2017
- 9 Course organization
- 9 Course information and logistics
- 10 General information
- 11 Course venue
- 12 Principles of AO Educational Events

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.

Learning 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 neurotrauma curriculum.

The course content is delivered using multiple educational methods. Comprehensive lectures—including a special lecture in 3-D—concentrate on the understanding of core material. Interactive case presentations further deepen this knowledge and facilitate the discussion in trauma management. Newly developed 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 everyday practice.

Chairpersons



Oleg Levchenko

University of Medicine and Dentistry
Moscow, Russian Federation



Vladimir Krylov

Research Institute of Emergency Care
Moscow, Russian Federation



Franco Servadei

Azienda Ospedaliera Universitaria
Parma, Italy

Regional Faculty

Ivan Timofeev

Addenbrooke's Hospital, Cambridge

Cambridge, United Kingdom

National Faculty

Leonid Kravec

Research Institute of Traumatology and Orthopedics

Nizhny Novgorod, Russian Federation

Valeriy Parfenov

Research Institute of Emergency Medicine

Saint-Petersburg, Russian Federation

Sergey Petrikov

Research Institute of Emergency Care

Moscow, Russian Federation

Allexey Schegolev

Military Medical Academy

Saint-Petersburg, Russian Federation

Special Guests

A Talypov

Research Institute of Emergency Care

Moscow, Russian Federation

A Kordonskiy

Research Institute of Emergency Care

Moscow, Russian Federation

E Grigorieva

Research Institute of Emergency Care

Moscow, Russian Federation

A Solodov

Research Institute of Emergency Care

Moscow, Russian Federation

I Trifonof

University of Medicine and Dentistry

Moscow, Russian Federation

A Kalandary

University of Medicine and Dentistry

Moscow, Russian Federation

D Zakondyrin

University of Medicine and Dentistry

Moscow, Russian Federation

Wednesday, May 17, 2017

TIME	AGENDA ITEM	WHO
08:00–09:00	Registration	
09:00–09:05	Module 1: Introduction Welcome, course structure and objectives	Moderator: V Krylov
09:05–09:15	Pre-course assessment	O. Levchenko
09:15–09:30	AONeuro history and structure	F Servadei
09:30–09:35	Module 2: Basics of neurotrauma Introduction by the moderator	Moderator: L Kravec
09:35–10:05	Introduction to neurotrauma: The basic principles of treatment	V Krylov
10:05–10:15	Interactive case discussion • Elderly patient (or polytrauma)	A Talypov
10:15–10:20	Module 3: Diagnostics, imaging and pathologies Introduction by the moderator	Moderator: O Levchenko
10:20–10:30	Overview of neurotrauma pathologies	A Talypov
10:30–10:45	Imaging and other diagnostics	E Grigorieva
10:45–11:00	COFFEE BREAK	
11:00–11:25	Interactive case presentation and discussion • Mild traumatic brain injury • False (traumatic) aneurysm of ICA	A Kordonskiy O Levchenko
11:25–11:45	Pathologies in neurotrauma: classification of head injury	A Kordonskiy
11:45–12:10	Interactive case discussion • Traumatic intracerebral hematoma • Chronic subdural hematoma	A. Kalandary A Talypov
12:10–12:15	Module 4: ICP management and multimodal monitoring Introduction by the moderator	Moderator: I Timofeev
12:15–12:30	ICP monitoring	A Solodov
12:30–13:00	Interactive case discussion • Increased ICP (operative case) • Increased ICP (nonoperative case)	A. Kalandary S. Petrikov
13:00–13:15	Question and discussion	I Timofeev
13:15–14:15	LUNCH	
14:15–14:20	Module 5: Treatment Introduction by the moderators	Moderator(s): V. Parfenov

14:20–14:40	Nonoperative treatment	L Kravec
14:40–15:20	Interactive case discussion <ul style="list-style-type: none"> • Bifrontal contusions • Mild head injury and anticoagulation 	O Levchenko A Kordonsky
15:20–15:25	Questions and discussion	V. Parfenov
<hr/>		
15:25–15:40	COFFEE BREAK	
<hr/>		
15:40–16:00	Operative treatment incl. reconstruction	F Servadei
16:00–16:20	TBI associated with polytrauma	V Parfenov
16:20–16:40	TBI associated with craniofacial injury	O Levchenko
16:40–17:00	Interactive case discussion <ul style="list-style-type: none"> • Acute subdural hematoma 	D. Zakondyrin
17:00–17:10	Questions and discussion	F Servadei
17:10–17:50	Interactive case discussion <ul style="list-style-type: none"> • Penetrative skull injury • Polytrauma patient 	V Parfenov
17:50–18:00	Wrap-up of day 1	V Krylov

Thursday, May 18, 2017

TIME	AGENDA ITEM	WHO
09:00–09:05	Module 6: Managing complications Introduction by the moderators	Moderator(s): F Servadei
09:05–09:20	Early and late complications	A Talypov
9:20–9:35	CSF leak	O. Levchenko
09:35–09:50	Posttraumatic epilepsy	I Trifonof
09:50–10:20	Interactive case discussion <ul style="list-style-type: none"> • Infection (A Solodov) • Postoperative bleeding (A Talypov) 	A Solodov, D. Zakondyrin
10:20–10:30	Questions and discussion	V Parfenov
10:30–11:00	COFFEE BREAK	
11:00–11:05	Module 7: Postoperative care Introduction by the moderators	Moderator(s): A Schegolev
11:05–11:25	Postoperative care and rehabilitation	S Petrikov
11:25–11:45	Interactive case discussion <ul style="list-style-type: none"> • Bone resorption postoperatively 	F Servadei
11:45–11:50	Module 8: Guidelines in neurotrauma Introduction by the moderators	Moderator(s): O Levchenko
11:50–12:05	Guidelines and recent updates	I Timofeev
12:05–12:15	Questions and discussion	O Levchenko
12:15–12:20	Module 9: Clinical trials Introduction by the moderators	Moderator(s): V Krylov,
12:20–12:30	Review of clinical trials in neurotrauma	A Schegolev
12:30–12:40	Conducting trials in neurotrauma	A Kordonskiy
12:40–12:50	Questions and discussion	V Krylov
12:50–13:00	Evaluation and closing of the course	All

Course organization

AONEuro

Tamara Schönaauer
Clavadelerstrasse 8
7270 Davos, Switzerland
Phone +41 81 414 25 33
Fax +41 81 414 22 80
Email tamara.schoenauer@aoneuro.org
www.aoneuro.org

AO funding sources

Unrestricted educational grants from different sources are collected and pooled together centrally by the AO Foundation. All events are planned and scheduled by local and regional AO surgeon groups based on local needs assessment. We rely on industrial/commercial partners for in-kind support to run simulations/skills training if educationally needed.

Course information and logistics

AO Courses Russian Federation

Pulyatkina Irina
Phone +7 916 105 71 49
Email pulyatkina.irina@ao-courses.com

Course organization compliance

In certain countries where AO has no office but offers educational events, the AO cooperates with third party companies to conduct local organization and logistics, as well as to communicate with participants in the local language. In these cases the AO has put rules and guidelines in place (Letter of Secondment, AO Foundation—Principles of AO Educational Events) to ensure that this cooperation has no impact on the curricula, scientific program, or faculty selection.

General information

Registration

<https://aocmf2.aofoundation.org/eventdetails.aspx?id=1252>

European CME Accreditation

An application has been made to the UEMS—EACCME® in Brussels for CME accreditation of this event.

Evaluation guidelines

All AONeuro courses apply the same evaluation process, either ARS (audience response system) or paper and pencil questionnaires. This helps 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 strictly 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, practical exercises, and group discussions.

No insurance

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

Mobile phone use

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

Marriott Grand Hotel

Tverskaya Street 26/1

125009 Moscow, Gorod Moskva, Russia

Phone: +7 495 937 00 00

Fax +7 495 937 00 01

Website: www.marriott.com/hotels/travel/mowgr-moscow-marriott-grand-hotel/



AO Foundation—Principles of AO Educational Events

1) Academic independence

Development of all curricula, design of scientific event programs, and selection of faculty are the sole responsibilities of volunteer surgeons from the AO network. All education is planned based on needs assessment data, designed and evaluated using concepts and evidence from the most current medical education research, and involving the expertise of the AO Education Institute (www.aofoundation.org).

Industry participation is not allowed during the entire curriculum development and planning process to ensure academic independence and to keep content free from bias.

2) Compliance to accreditation and industry codes

All planning, organization, and execution of educational activities follow existing codes for accreditation of high-quality education:

- Accreditation Criteria of the Accreditation Council for Continuing Medical Education, USA (www.accme.org)
- ACCME Standards for Commercial Support: Standards to Ensure Independence in CME Activities (www.accme.org)
- Criteria for Accreditation of Live Educational Events of the European Accreditation Council for Continuing Medical Education (www.uems.eu)

Events that receive direct or indirect unrestricted educational grants or in-kind support from industry also follow the ethical codes of the medical industry, such as:

- Eucomed Guidelines on Interactions with Healthcare Professionals (www.medtecheurope.org)
- AdvaMed Code of Ethics on Interactions with Health Care Professionals (advamed.org)
- Mecomed Guidelines on Interactions with Healthcare Professionals (www.mecomed.org)

3) Branding and advertising

No industry logos or advertising (with the exception of the AO Foundation and AO Clinical Division) are permitted in the area where educational activities take place.

Sponsors providing financial or in-kind support are allowed to have a promotional booth or run activities outside the educational area with approval from the event chairperson.

4) Use of technologies and products in simulations

If case simulations are chosen as an educational method to educate skills, we only use technology approved by the AOTK System (AOTK)—a large independent group of volunteer surgeons developing and peer-reviewing new technology (more information about AOTK, its development and approval process can be found on the AO Foundation website: www.aofoundation.org).

5) Personnel

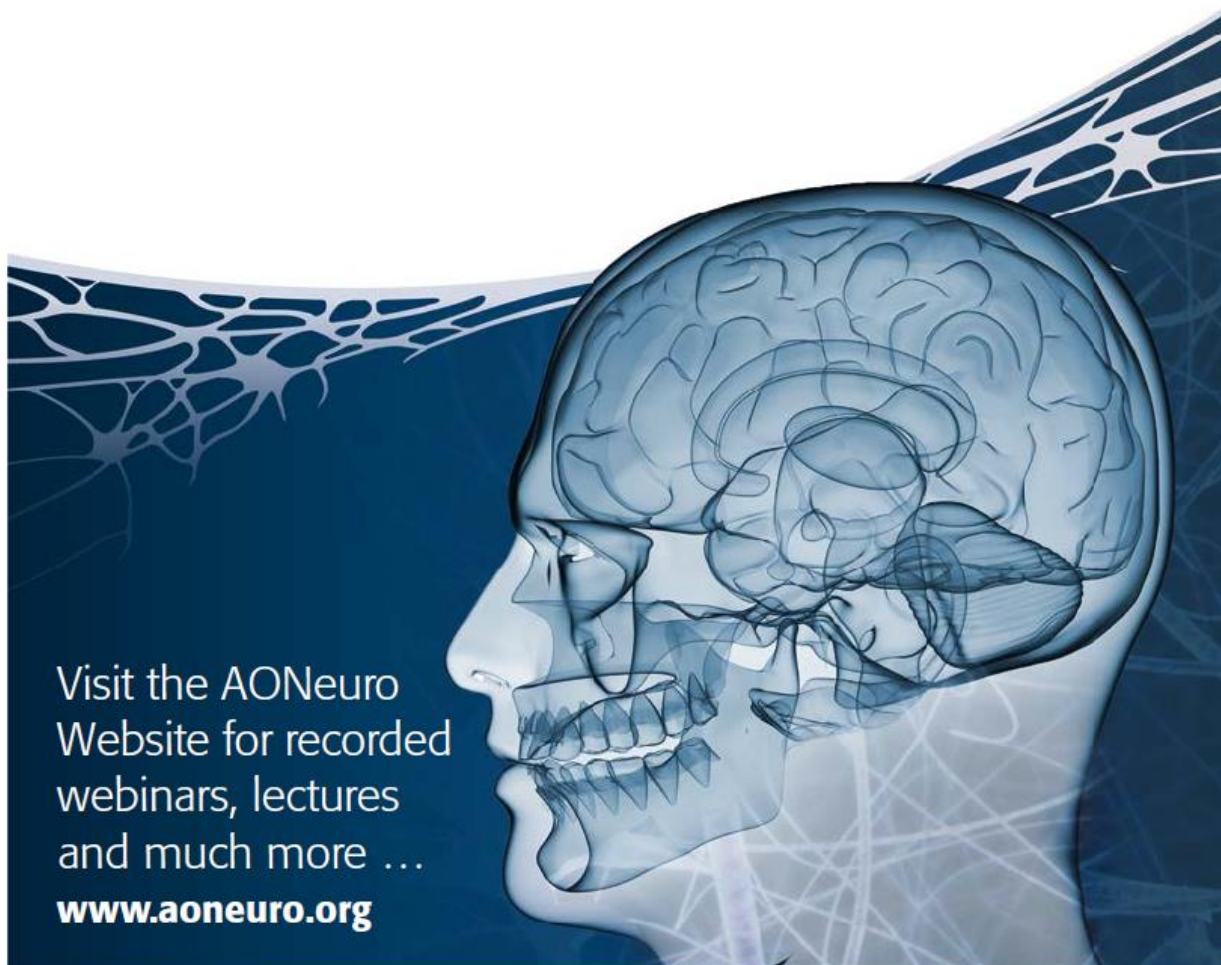
Industry staff is not allowed to interfere with the educational content or engage in educational activities during the event.



Sign up for the AONEuro Newsletter



<http://tiny.cc/27189x>



Visit the AONEuro
Website for recorded
webinars, lectures
and much more ...

www.aoneuro.org

AO Foundation
AONEuro

Clavadelerstrasse 8, 7270 Davos, Switzerland

Phone +41 81 414 25 33, Fax +41 81 414 22 80, info@aoneuro.org