

**Event program**  
**Global Neuro Course—Neurotrauma**  
**INTS Pre-Congress Event**

July 17, 2022, | Berlin, Germany

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### **Event description**

This course covers the current best strategies and considerations for managing neurotrauma patients and is based on competencies defined in Global Neuro's curriculum. The 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 Global Neuro principles to the management of common injuries. Case-based discussions link the lecture material and practical skills with the clinical problems encountered in clinical practice.

### **Target participants**

The course has been developed for:

- Neurosurgeons
- Spine surgeons
- Critical care physicians
- Neurosurgery and critical care nurses
- Mid-Level practitioners
- Neurosurgery residents and fellows
- Translational researchers interested in learning about clinical aspects of neurotrauma

### **Goal of the event**

The Global Neuro Course—Neurotrauma covers the theoretical basis and practical principles for managing traumatic brain and spine injuries and making proper decisions in the complicated cases.

## Event objectives

Upon completion of the program, participants will be better able to:

- Review basic science and clinical translational advances in traumatic brain injury, cranial trauma, and spinal cord injury
- Apply evidence-based decision making to the management of patients with TBI and SCI
- Select the best operative and non-operative treatment for each patient
- Discuss advances in the critical and neurocritical care of TBI in adults and children
- Assess and manage patients with spinal trauma and spinal cord injury based on current guidelines

## Faculty

### Chairs

Michael G. Fehlings	University of Toronto	Toronto, Canada
Peter Hutchinson	Cambridge University	Cambridge, UK

### Local Chairs

Klaus Zweckberger	Städtisches Klinikum Braunschweig	Braunschweig, Germany
Peter Vajkoczy	Charité Berlin	Berlin, Germany

### International faculty

Mark Kotter	University of Cambridge	Cambridge, UK
Valerie ter Wengel	Haaglanden Medisch Centrum (HMC)	Amsterdam, Netherlands
Wilco Peul	Universiteit Leiden	Leiden, Netherlands
Adel Helmy	University of Cambridge	Cambridge, UK
Peter Smielewski	University of Cambridge	Cambridge, UK
Erta Beqiri	University of Cambridge	Cambridge, UK
Nader Hejrati	University Health Network	Toronto, canada

### National faculty

Alexander Younsi	Universität Heidelberg	Heidelberg, Germany
Aurelia Peraud	Uniklinik Ulm	Ulm, Germany
Nicolaus Plesnila	Ludwig-Maximilians Universität München	München, Germany
Nicole Terpolilli	Ludwig-Maximilians Universität München	München, Germany
Chris Beynon	Universität Heidelberg	Heidelberg, Germany

## Sunday, July 17, 2022

TIME	AGENDA ITEM	FACULTY
07:30–08:00	Registration / Coffee	
08:00–08:10	Welcome and Introductions	M Fehlings, P Hutchinson
<b>Session 1</b>	<b>Traumatic Brain Injury</b>	<b>Moderator: K Zweckberger</b>
08:10–08:40	State of the Art Update on Traumatic brain injury	P Hutchinson, A Helmy
08:40–08:50	Discussion	Moderator: K Zweckberger
08:50–10:00	<b>Interactive case discussions</b> challenging cases in brain and cranial trauma: <ul style="list-style-type: none"> <li>• Severe TBI (Zweckberger)</li> <li>• Pediatric (Peraud)</li> <li>• Chronic and CTE (Terpolilli)</li> <li>• Monitoring and ICU (Helmy)</li> <li>• Coagulation and TBI (Beynon)</li> </ul>	Moderator: P Hutchinson, K Zweckberger A Peraud N Terpolilli A Helmy C Beynon
10:00–10:15	COFFEE BREAK AND NETWORKING	
10:15–11:30	<b>Hands-on Session 1:</b> Participants will select one of the following exercises <ul style="list-style-type: none"> <li>• Drilling, decompressive craniectomy, cranioplasty</li> <li>• EVD, neuromonitoring</li> <li>• ICP and Autoregulation monitoring Part 1(ICM+ workshop University of Cambridge)</li> <li>• Complex cases/ pitfalls /management of complications</li> </ul>	All faculty
11:30–12:30	<b>Lunch with Panel Discussion on Challenges in Setting up a Translational Research in Neurotrauma</b>	Chairs: M Fehlings, P Hutchinson Panelists: K Zweckberger, P Vajkoczy, M Kotter, N Plesnilla, W Peul, V ter Wengel, A Helmy

<b>Session 2</b>	<b>Traumatic Spinal Cord Injury</b>	Moderator: P Vajkoczy
12:30–13:10	State of the Art Update on Traumatic Spinal Cord Injury	M Fehlings
13:10–13:20	Discussion	Moderator: P Vajkoczy
13:20–14:30	<p><b>Interactive case discussions</b> challenging cases in spine and spinal cord injury</p> <ul style="list-style-type: none"> <li>• Cervical fractures (Vajkoczy)</li> <li>• Thoracolumbar fractures (Peul)</li> <li>• Timing of Decompression (ter Wengel)</li> <li>• Intensive Care Management of SCI (Younsi)</li> <li>• Geriatric SCI patients, special considerations (Fehlings)</li> </ul>	<p>Moderator: M Fehlings, P Vajkoczy</p> <p>M Kotter, W Peul, V ter Wengel, A Younsi, N Hejrati</p>
14:30–15:30	<p><b>Hands-on Session 2 / Coffee:</b> Participants will select one of the following exercises</p> <ul style="list-style-type: none"> <li>• Spinal stabilization cervical/thoracic/lumbar</li> <li>• Full-endoscopic spine surgery at the lumbar spine with spinal navigation</li> <li>• ICP and Autoregulation monitoring Part 2 (ICM+ workshop University of Cambridge)</li> <li>• complex cases/pitfalls/management of complications</li> </ul>	All faculty
15:30–15:45	<b>Wrap-up and Course Evaluation</b>	

## Event venue

### **Berlin Marriott Hotel**

Inge-Beisheim-Platz 1  
10785 Berlin

## Event organization

### **INTS**

Website: <https://www.neurotrauma2022.com/>

### **Global Neuro Foundation**

Clavadelerstrasse 1  
7270 Davos  
Switzerland  
Website: [www.globalneuro.org](http://www.globalneuro.org)

### **Event organizer**

Oriana Sarman  
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## Global Neuro funding sources

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

## General information

### Event fee

**Global Neuro Seminar—Neurotrauma**  
€ 80

Included in the course fee are course material, coffee breaks, lunch, and course certificate.

### Registration

Please click on the registration link below to register for the Global Neuro Seminar—Neurotrauma:

<https://globalneuro.org/EN/education/event-detail/43.html>

### European CME Accreditation

For this event the UEMS—EACCME® in Brussels have granted tbd European CME credits (ECMEC®s).

### Course certificate

The course certificates can only be provided if the participant attends the entire event (100%) and will be available at the end of the event.

### Evaluation guidelines

All Global Neuro events apply the same evaluation process, either online (pre- and post-event evaluation) and/or onsite by paper and pencil questionnaires. This helps Global Neuro to ensure that we continue to meet your training needs.

### Dress code

Casual

### No insurance

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

### 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.

### 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.

### Intellectual property

Event materials, presentations, and case studies are the intellectual property of the event faculty. All rights are reserved. Check hazards and legal restrictions on

[www.globalneuro.org/legal](http://www.globalneuro.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 Global Neuro 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 Global Neuro Foundation assumes participants agree that these recorded materials may be used for Global Neuro marketing and other purposes and made available to the public.

# Global Neuro Foundation—Principles of 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 Global Neuro 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 Global Neuro Education Institute ([www.globalneuro.org](http://www.globalneuro.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](http://www.accme.org))
- ACCME Standards for Commercial Support: Standards to Ensure Independence in CME Activities ([www.accme.org](http://www.accme.org))
- Criteria for Accreditation of Live Educational Events of the European Accreditation Council for Continuing Medical Education ([www.uems.eu](http://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](http://www.medtecheurope.org))
- AdvaMed Code of Ethics on Interactions with Health Care Professionals ([www.advamed.org](http://www.advamed.org))
- Mecomed Guidelines on Interactions with Healthcare Professionals ([www.mecomed.org](http://www.mecomed.org))

## 3) Branding and advertising

No industry logos or advertising (with the exception of the Global Neuro Foundation) 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) Personnel

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



## Sponsors

A special thanks to our partners Integra and DePuy Synthes for providing educational support grants for this event.

