

Preliminary Program

Global Neuro Advanced Course—Neurotrauma (INTS Pre-course)

1 September, 2024

Cambridge, United Kingdom



Course description

This event 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 on 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 course

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

Learning objectives

Upon completion of this symposium, participants will be 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
- identifying the interventions suggested in areas with limited resources.

Course Chair(s)

Peter Hutchinson	University of Cambridge	Cambridge	United Kingdom
Ivan Timofeev	University of Cambridge	Cambridge	United Kingdom
Fehlings Michael	University of Toronto	Toronto	Canada

International Faculty

Anthony Figaji	University of Cape Town	Cape Town	South Africa
Wilco Peul	LUMC & HMC	Leiden	Netherlands
Alexander Younsi	Heidelberg University Hospital	Heidelberg	Germany

Local Faculty

To be confirmed

Sunday, September 1, 2024

TIME	AGENDA ITEM	FACULTY
8:30–09:00	Registration / Coffee	
9:00–9:10	Welcome and Introductions	M Fehlings, P Hutchinson, I Timofeev
Session 1	Traumatic Brain Injury	Moderator: I Timofeev
09:10–10:00	State of the Art Update on Traumatic Brain Injury <ul style="list-style-type: none"> - Current research and emerging evidence in traumatic brain injury (Belli) - Neurocritical Care of severe traumatic brain injury (Lavinio) - Surgical management of traumatic brain injury (Whitfield) 	
10:00 –10:15	Discussion	Moderator: I Timofeev
10:15–11.30	Interactive case discussions challenging cases in brain and cranial trauma: <ul style="list-style-type: none"> • Severe TBI (Wilson) • Pediatric TBI (Figaji) • Monitoring and ICU (Helmy) • Late complications and cranioplasty (Timofeev) • Coagulation and TBI (McMahon) 	Moderator: A Kolia I Timofeev
11:30 – 11.45	COFFEE BREAK AND NETWORKING	
11:45–13:00	Hands-on Session: Participants will rotate through the following exercises <ul style="list-style-type: none"> • Drilling, Decompressive Craniectomy • EVD insertion and management • Neuromonitoring • Cranioplasty 	All faculty
13:00 – 14:00	Lunch with Panel Discussion on challenges on obtaining and evaluating evidence in Neurotrauma	Chairs: M Fehlings,

		I Timofeev Panelists: tbc
Session 2	Traumatic Spinal Cord Injury	Moderator: J Francis
14:00–14:45	State of the Art Update on Traumatic Spinal Cord Injury	M Fehlings
14:45–15:00	Discussion	Moderator: J Francis
15:00–16:30	Interactive case discussions challenging cases in spine and spinal cord injury <ul style="list-style-type: none"> • Cervical fractures (Francis) • Thoracolumbar fractures (Peul) • Timing of Decompression (Papadopoulos) • Intensive Care Management of SCI (Younsi) • Geriatric SCI patients, special considerations (Fehlings) 	Moderator: M Fehlings, M Kotter
16:30–17:30	Hands-on Session 2 / Coffee: Participants will rotate through the following exercises <ul style="list-style-type: none"> • Spinal stabilization cervical • Spinal stabilization lumbar • Spinal Navigation • Minimally invasive spinal techniques 	All faculty
17:30–17:45	Wrap-up and Course Evaluation	

Event Venue

Churchill College
Storey's Way, Cambridge CB3 0DS
United Kingdom

Event Organization

Global Neuro Foundation
Clavadelerstrasse 1
7270 Davos,
Switzerland

General information

Registration fee

EUR 120

Discount available for LMICs

Included coffee break, lunch break and course materials.

Registration

Click on the registration link below to register for the Symposium:

Dress code

Casual

Language

English

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 a name tag is compulsory during lectures, practical exercises, and group discussions.

Mobile phone use

The use of mobile phones is not allowed in lecture halls and 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

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). 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 (www.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 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.