



Global Neuro

Event Program

Global Neuro Course—Neurotrauma at the WFNS 2023

December 3–4, 2023
Cape Town, South Africa



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Course 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 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 Global Neuro Course has been developed for residents, surgeons, and physicians who manage spine and cranial neurotrauma.

Goal of the course

The Global Neuro Course—Neurotrauma covers the theoretical basis and practical principles that are the foundation for managing spine and cranial neurotrauma.

Learning objectives

By completing the neurotrauma course, participants will be better able to:

- Perform an appropriate assessment of neurotrauma patients with the application of relevant guidelines.
- Choose the appropriate imaging modalities and interpret the results.
- Identify and apply management strategies for patients with traumatic brain injury (TBI) and Spinal Cord Injuries (SCI), including limited resource settings.
- Manage patients with TBI and SCI based on current consensus and guidelines.
- Apply evidence-based decision-making for the management of patients with TBI and SCI.
- Perform multimodal neuromonitoring and interpret data to guide treatment interventions.

Chairpersons



Nqobile Thango
University of Cape Town
Cape Town, South Africa



Mario Ganau
Oxford University
Oxford, United Kingdom

International Faculty

Andrew Reisner	Children's Healthcare of Atlanta	Atlanta, United States
Corrado Iaccarino	Università degli Studi di Modena e Reggio Emilia	Modena, Italy
David Adelson	WVU Medicine Children's Hospital	West Virginia, United States
Gregory Hawryluk	Cleveland Clinic	Ohio, United States
Eve Tsai	Ottawa Hospital Research Institute	Ottawa, Canada
Michael Fehlings	University of Toronto	Toronto, Canada
Randall Chesnut	University of Washington	Seattle, United States
Wilco Peul	University of Leiden	Leiden, Netherlands
Pragnesh Bhatt	Aberdeen Royal Infirmary	Aberdeen, United Kingdom

National Faculty

Amos Adeleye	University College Hospital	Ibadan, Nigeria
Basil Enicker	University of KwaZulu-Natal	KwaZulu-Natal, South Africa

Sunday, December 3rd, 2023

TIME	AGENDA ITEM	FACULTY
Neuroscience Institute resource room 3		
13:30 – 14:00	Registration	
14:00 – 14:05	Introduction	M Ganau /N Thango
14:05– 14:10	Welcome and introduction from the WFNS NTC	A. Reisner
Module 1:	Fundamentals of Neurotrauma	Moderators: N Thango / M Ganau
14:10 – 14:25	TBI epidemiology, clinical assessment and imaging	M Ganau
14:25 – 14:40	Crevice protocol for TBI management in limited resource areas	A Adeleye
14:40– 14:55	SIBICC protocols for the management of patients with Neurotrauma	G Hawryluk
14:55 –15:10	Q&A Session	Moderators
Module 2:	Complementary aspects in the care of Neurotrauma	Moderators: M Ganau / R Chesnut
15:10 – 15:25	Invasive and non-invasive systems for TBI monitoring	C Iaccarino
15:25 – 15:40	Surgical management of the patient with TBI	R Chesnut
15:40 – 15:55	Case Discussion I: Challenges in the management of moderate TBI	C Iaccarino
15:55 – 16:10	Case Discussion II: Medical management of Brain Edema and intracranial hypertension	D Adelson
16:10 – 16:25	Q&A Session	Moderators
16:25 – 16:40	Coffee and Tea Break	
Module 3:	Spinal trauma and special situations in Neurotrauma	Moderators: G Hawryluk / M Ganau
16:40 – 16:55	Evidence based guidelines in spinal cord injury management	E Tsai
16:55 – 17:10	Surgical management of spinal cord injury: New trends and controversies	M Fehlings
17:10– 17:25	Technical Challenges in the Surgical Strategy in SCI by Spine Fractures	W Peul
17:25 – 17:40	Case Discussion I: Steroids in Spinal cord injury: current evidence and practice	G Hawryluk
17:40 – 17:55	Case Discussion II: A case of moral deliberation in High C-Spine Trauma	W Peul
17:55 – 18:00	Q&A Session and closing remarks Day 1	Moderators

Monday, December 4th, 2023

TIME	AGENDA ITEM	FACULTY
	Neuroscience Institute, wet lab	
	Skill Stations:	
08:30 – 10:30	<ul style="list-style-type: none"> • Invasive Neuromonitoring – EVD • Decompressive Craniectomy and Cranioplasty • Non-invasive Neuromonitoring 	All Faculty
10:30 – 10:45	Tea and Coffee break	
	Skill Stations:	
10:45 – 12:45	<ul style="list-style-type: none"> • Laminectomy and spinal cord decompression for cervical & thoracolumbar surgery for SCI • Lateral mass screw fixation for cervical spine • Pedicle screw fixation for thoracolumbar spine 	All Faculty
12:45 – 13:00	Final Remarks and certification	All Faculty

Event Venue



University of Cape Town Neuroscience Institute J Block

Groote Schuur Hospital Anzio Road, Observatory 7935

Cape Town, South Africa

Website: www.neuroscience.uct.ac.za

Event organization

Global Neuro Foundation

Andrea Escobar

Clavadelerstrasse 1

7270 Davos, Switzerland

Phone: +57 310 800 4509

E-mail: andrea.escobar@globalneuro.org

Website: www.globalneuro.org

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 Neurosurgeon groups based on local needs assessment. We rely on commercial partners for in-kind support to run simulations/skills training if educationally needed.

Event organization compliance

In certain countries where Global Neuro has no office but offers educational events, the Global Neuro 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 Global Neuro Foundation has put rules and guidelines in place (Letter of Secondment, Global Neuro Foundation—Principles of Educational Events) to ensure that this cooperation has no impact on the curricula, scientific program, or faculty selection.

Event information

Event fee

**Global Neuro Course – Neurotrauma Inc.
Cadaver Lab**

EUR \$25

Included in the course fee are a conference bag with course material, coffee breaks, lunches, and a course certificate.

Registration

Please click on the registration link below to register for this course:

<https://globalneuro.org/EN/education/event-detail/64.html>

Accreditation

This event has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) for a maximum of 9.0 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) or/and onsite by paper and pencil questionnaires. This helps Global Neuro to ensure that we continue to meet your training needs.

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.

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 event 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 to others by turning off your mobile phone.

Dress code

Casual

Language

English



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) Use of technologies and products in simulations

If case simulations are chosen as an educational method to develop skills, we only use technology approved by our foundation board—an independent group of volunteer surgeons developing and peer-reviewing new technology.

5) 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 partner Integra for providing educational support grants for this event.

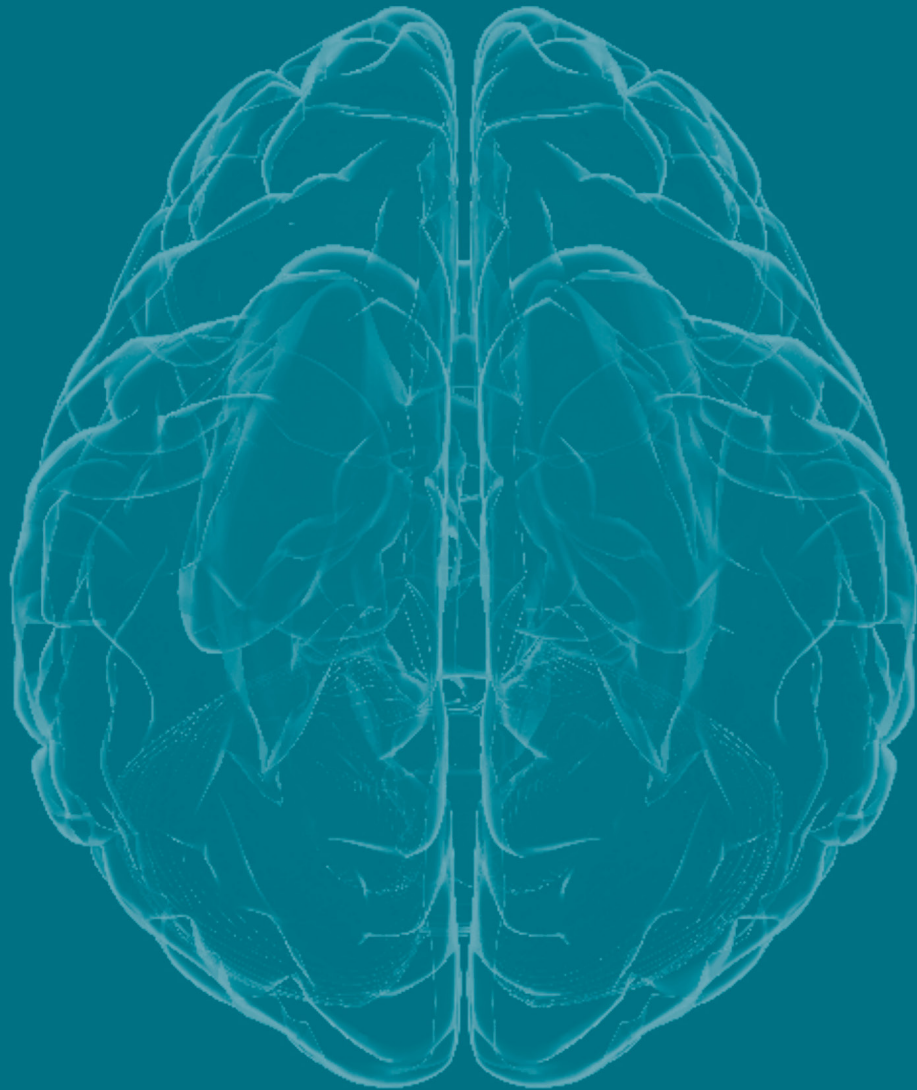


A special thanks to our partner Stryker for providing in-kind support for this event.

The Stryker logo is the word "stryker" in a bold, black, lowercase, sans-serif font.



Global Neuro



Stay up to date with our educational activities.
Visit www.globalneuro.org today.

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