



Global Neuro

Event program

Global Neuro Course—Pediatric Neurotrauma (Pre-INTS 2026)



26 October 2026

Cartagena | Colombia

Global Neuro Course—Pediatric Neurotrauma



Global Neuro welcomes you:

On January 1, 2018, AONeuro became Global Neuro to broaden our geographical reach and for the opportunity to collaborate with multiple partners. Our new foundation is incorporated in Switzerland and is ready to serve you to improve your educational and practical experiences in patient care and outcomes.

We offer educational events worldwide, with rigorously prepared and evaluated curricula in multiple cultural and educational formats. Global Neuro's educational offerings include lecture presentations, interactive case discussions, small group discussions, practical exercises, simulation exercises, and online education. Global Neuro strives to increasingly collaborate with regional, national, and international societies and organizations to deliver symposia and courses at congresses and annual meetings. These partnerships enable us to provide the best formats possible.

While our initial educational efforts began with neurosurgeons, we are increasingly collaborating with neurologists, emergency physicians, trauma surgeons, neuro-intensivists, neuro-anesthesiologists, neuroradiologists, and other professionals to provide comprehensive education and program development opportunities. Emergency care, specific neurological care, and recovery are too complex to depend upon a single discipline. As such, collaboration is required to make the greatest impact on our patients' progress and outcomes.

We hope this program meets your expectations, as it is based on continuous development, study, evaluation, and discussion. Please let us know if you have ideas or suggestions for how we can enhance your learning and educational experience.

Join our network of professionals as we work together to improve the results in neuro care and rehabilitation for all our patients.

Warm regards,

Andrés M. Rubiano

President Global Neuro Foundation

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Chairs



P. David Adelson
Rockefeller Neuroscience Institute
at WVU Medicine



Jennifer Munoz

Course Directors

International Faculty



Andrew Reisner
Children's Healthcare of Atlanta



Matthew Kirschen
Children's Hospital of Philadelphia



Laura Blackwell
Emory University



Jose A Pineda
David Geffen School of Medicine at
UCLA



Juan P. Solano

National Faculty



Juan D. Roa G.
Fundación Homi

Location	Cartagena Colombia
Venue	Holiday Inn Express Cartagena Bocagrande
Format	Course
Language(s)	English

Description

This course covers current best practices and key considerations for managing pediatric neurotrauma, with a focus on cranial and spinal injuries, and is aligned with the competencies defined in Global Neuro's curriculum. The course uses multiple teaching methods. Comprehensive lectures establish a foundation in core concepts, while interactive case presentations deepen understanding and encourage discussion of trauma management. Practical sessions reinforce the application of Global Neuro principles to pediatric neurotrauma care.

Target audience

This course has been developed for neurosurgeons and neurointensivists, spine surgeon, residents, and emergency and trauma care physicians who are experienced in the management of neurotrauma for pediatric patients and who have a strong interest in complex patient care, clinical research, and an interdisciplinary approach.

Goal of the course

The goal of this course is to equip clinicians with the knowledge and practical skills to manage traumatic brain and spine injuries in pediatric patients and make informed decisions in daily clinical practice.

Learning objectives

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

- Describe advances in basic science and translational research related to traumatic brain injury (TBI) and spinal cord injury (SCI)
- Apply evidence-based decision-making to the management of pediatric patients with TBI and SCI.
- Select appropriate operative and nonoperative treatments based on each patient's needs.
- Discuss advances in the neurocritical care of children with TBI.
- Assess and manage pediatric patients with TBI and SCI in accordance with current guidelines.

Agenda

Monday, October 26, 2026

07:30 - 08:00	Registration on site	Break
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Module 1: Update in Pediatric Neurotrauma Diagnosis and Management

08:10 - 08:30	Update in Prehospital Care	Lecture
		Matthew Kirschen
08:30 - 08:50	Initial Approach to Traumatic Brain Injury (TBI) with Polytrauma	Lecture
		Jennifer Munoz
08:50 - 09:10	Neurocritical Care of TBI	Lecture
		Jose A Pineda
09:10 - 09:30	Biomarkers in TBI	Lecture
		Andrew Reisner
09:30 - 09:50	Clinical, Biomarker, Imaging, and Modifiers NINDS Framework	Lecture
		Laura Blackwell
09:50 - 10:10	Neurocritical Care of Spinal Cord Injury (SCI)	Lecture
		Juan P. Solano
10:10 - 10:30	Coffee and Networking Break	Break
10:30 - 10:50	Surgical Management of TBI	Lecture
		P. David Adelson
10:50 - 11:10	Surgical Management of SCI	Lecture
		Andrew Reisner
11:10 - 11:40	Q&A session for Module 1	Discussion
		P. David Adelson Andrew Reisner Jennifer Munoz Laura Blackwell Matthew Kirschen Juan D. Roa G. Jose A Pineda

Module 2: Case Discussion and Demo Session

11:40 - 11:55	Case 1: Invasive Monitoring in Pediatric TBI	Discussion
		P. David Adelson
11:55 - 12:10	Case 2: Non-Invasive Monitoring in Pediatric TBI	Discussion
		Juan D. Roa G.

12:10 - 12:25	Case 3: Spinal Cord Injury in Pediatrics	Discussion
		Andrew Reisner
12:25 - 12:40	Coffee and Networking Break	Break
12:40 - 13:10	Demo 1: Invasive Monitoring	Workshop
		P. David Adelson
13:10 - 13:30	Demo 2: Non-Invasive Monitoring I	Discussion
	TCD and ONSD	Juan D. Roa G.
13:30 - 14:00	Demo 3: Non-Invasive Monitoring II	Discussion
	Pupillometry and Brain4Care /- NIRS	Matthew Kirschen
14:00 - 14:10	Closing Remarks	Discussion
		P. David Adelson Jennifer Munoz

Event venue	Holiday Inn Express Cartagena Bocagrande Cartagena Colombia https://www.ihg.com/holidayinnexpress/hotels/gb/en/cartagena/ctgex/hoteldetail
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 industrial/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, 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, Principles of Educational Events) to ensure that this cooperation has no impact on the curricula, scientific program, or faculty selection.
Registration fee	USD 50.00
Registration link	https://globalneuro.org/EN/education/event-detail/118.html

General information

Discounts

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 an audience response system (ARS) or paper and pencil questionnaires.

This helps Global Neuro 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

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.

Principles of educational events

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.

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.

Personnel

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

Compliance to accreditation and industry codes

All planning, organization, and execution of educational activities follow existing codes for accreditation of highquality 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)

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References: 1. CereLink bench test shows (2 stdev) of ± 2.2 mmHg over 7 days and 3.8 mmHg (4 stdev) over 7 days. 2. CereLink system IFUs.

* The CereLink ICP Sensor is MR Conditional and the CereLink ICP Monitor is contraindicated for use in a Magnetic Resonance (MR) environment. See Instructions for Use for complete product information and specific MRI Safety Information. Read and understand the IFU in its entirety prior to performing a Magnetic Resonance Imaging Procedure on a patient with an implanted CereLink® ICP Sensor. Failure to adhere to the Conditions for Safe Use may result in serious injury to the patient. Consult the Instructions for Use for complete indications, warnings and precautions.

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Event contact

Global Neuro, Jenny Cheng

Email: Jenny.cheng@globalneuro.org

