Global Neuro

USFQ UNIVERSIDAD SAN FRANCISCO DE QUITO

SENC SOCIEDAD ECUATORIANA DE NEUROCIRUGÍA

Event program

Global Neuro Course–Global Advances in Neurotrauma: Translating Innovation into Practice in Latin America



21 - 22 November 2026

Quito | Ecuador



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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Course Chair(s)



Piedad Elizabeth Acurio Padilla
Hospital de Especialidades Eugenio Espejo
Quito, Ecuador



Carlos Barzallo Sacoto
Hospital Metropolitano
Quito, Ecuador

International Faculty

Robson Amorim	Federal University of Amazonas	Brazil
Iype Cherian	Parul institute of Medical sciences and Research	India
Andrés Rubiano	University of El Bosque	Colombia
Wellingson Paiva	University of Sao Paulo	Brazil
Eve Tsai	University of Ottawa	Canada

National Faculty

Laura Bottani	Hospital de Especialidades Eugenio Espejo	
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	Universidad Espíritu Santo (Ecuador)	
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Manuel Jibaja Vega	Hospital Eugenio Espejo	
	Hospital de los Valles	
	Escuela de Medicina de la Universidad San Francisco de Quito	
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Fernando Roosemberg	Universidad Espíritu Santo (Ecuador)	Guayaquil
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	Hospital Metropolitano	Quito
Alba Enith Cortez Jiménez	Hospital de Especialidades Eugenio Espejo	Quito
Alberto R. Valarezo CH.	Instituto Oncológico Nacional – Solca	Guayaquil

Location	Quito | Ecuador
Venue	Universidad San Francisco de Quito
Format	Course
Language(s)	English

Description

This two-day academic program explores the most recent global advances in neurotrauma and focuses on translating innovation into practical, system-adapted strategies for Latin America, with special emphasis on Ecuador. This course bridges cutting-edge scientific developments — including modern classification systems, new theories about pathophysiology multimodal neuromonitoring, precision-based management, and updated international guidelines — with the structural and logistical realities of the Ecuadorian healthcare system. Through expert lectures, real-case analysis, hands-on sessions and multidisciplinary discussions, participants will explore how innovation can be realistically implemented across tertiary referral centers, secondary-level hospitals, and prehospital systems.

Target audience

This course is designed for healthcare professionals involved in the acute, surgical, and critical care management of neurotrauma patients within Ecuador's public and private healthcare systems. Intended participants include:

- Prehospital providers (ECU 911 personnel, paramedics, emergency response teams, firefighters)
- Emergency physicians and trauma surgeons
- Neurosurgeons and neurosurgical residents
- Intensivists and critical care specialists
- Anesthesiologists
- Emergency and ICU nursing staff
- General practitioners working in regional and secondary-level hospitals
- Hospital administrators and healthcare leaders engaged in trauma system organization and policy developmentThe program is particularly relevant for professionals seeking to integrate global scientific advances into daily practice while addressing regional disparities in resources, infrastructure, and referral pathways across Ecuador

Goal of the course

The primary goal of this course is to facilitate the effective translation of global innovations in neurotrauma into practical, evidence-based, and context-sensitive strategies applicable to Ecuador and Latin America.Specifically, the course aims to:Update participants on the latest international standards, new theories about pathophysiology, classifications, and management protocols in neurotrauma.Promote evidence-based clinical decision-making across the continuum of care — from prehospital stabilization to neurosurgical intervention and neurocritical care.Strengthen coordination between different levels of care within Ecuador's healthcare network.Identify feasible strategies for implementing advanced neurotrauma concepts in both high-complexity centers and resource-variable settings.Contribute to the development of more standardized, outcome-oriented neurotrauma care nationwide.Ultimately, the course seeks to reduce preventable mortality and long-term disability by aligning global scientific progress with local clinical realities and system capacities in Ecuador.

Learning objectives

Upon completion of this course, participants will be able to:

- Understand the pathophysiology of neurotrauma and its management through established models (protocols, guidelines).
- Understand the treatment options for neurotrauma and when to apply them (airway, resuscitation, immobilization).
- Apply the principles of neurotrauma care in the emergency room
- Identify care protocols with proposals for emerging innovations in the field, identifying the interventions suggested in areas with limited resources

Agenda

Day 1, Saturday, 21st November 2026

08:00 - 08:30	**Registration**	Break
08:30 - 09:00	**Welcome and event objectives**	Lecture
		Piedad Elizabeth Acurio Padilla Carlos Barzallo

Module 1: Pathophysiology & Classification

09:20 - 09:40	**Compartmental Syndrome and Intracranial Hypertension. Brain compliance**	Lecture
		Andrés M. Rubiano
09:40 - 10:00	**The New NINDS TBI**	Lecture
		Wellingson Paiva
10:00 - 10:20	**Discussion of Module 1 and Q&A**	Discussion
10:20 - 10:40	**Coffee break**	Break

Module 2: Biomarkers & Neuromonitoring

10:40 - 11:00	**Blood Biomarkers in TBI: GFAP, UCH-L1, and S100B. Prognosis**	Lecture
		Piedad Elizabeth Acurio Padilla
11:00 - 11:20	**Invasive Multimodal Neuromonitoring: ICP, CPP, Brain Oxygenation, and Cerebrovascular Autoregulation**	Lecture
		Robson Amorim
11:20 - 11:40	**Non-Invasive Neuromonitoring**	Lecture
		Manuel Jibaja
11:40 - 12:00	**Discussion of Module 2 and Q&A**	Discussion
12:00 - 13:00	**Lunch break**	Break

Module 3: Surgical Controversies

13:00 - 13:20	**Decompressive Craniectomy in Severe TBI: RESCUEicp, DECRA, and RESCUE ASDH**	Lecture
		Laura Bottani
13:20 - 13:40	**Chronic Subdural Hematoma: surgical options, update on the treatment**	Lecture
		José Luis Rodríguez Matías
14:00 - 14:20	**Discussion of Module 3 and Q&A**	Discussion

Module 4: Systems of Care & Special Populations

14:20 - 14:40	**TBI-TIME: A Systematic Framework to Reduce Time-to-Treatment in Neurotrauma**	Lecture
		Robson Amorim

14:40 - 15:00	**Coagulopathy in TBI: Pathophysiology and Goal-Directed Therapy**	Lecture
		Fernando José Roosemberg Ordóñez
15:00 - 15:20	**Moderate TBI and neuro-worsening**	Lecture
		Wellingson Paiva
15:20 - 15:40	**Mild traumatic brain injury: it is not always mild**	Lecture
	Clinical and radiological evidence of significant intracranial lesions	Henin Mora
15:40 - 16:00	**Surgical phenotyping in TBI**	Lecture
		Robson Amorim
16:00 - 16:20	**Advancing TBI care: Improving Discovery to Delivery**	Lecture
		Eve Tsai
16:20 - 16:40	**Discussion of Module 4 and Q&A**	Discussion
16:40 - 17:00	**Coffee break**	Break

Module 5: Pathophysiology & Critical care

17:00 - 17:20	**Update in the management of post-traumatic brain edema**	Lecture
		Andrés M. Rubiano
17:20 - 17:40	**TBI and cerebral edema in the critically ill patient: how to choose the best treatment**	Lecture
		Vanessa Campozano
17:40 - 18:00	**Timing in TBI**	Lecture
		Heinert Enmanuel Gonzabay Campos
18:00 - 18:20	**Guidelines for penetrating TBI: an update**	Lecture
		Juan Carlos Moreira Holguín
18:20 - 18:40	**Cranioplasty: when to perform**	Lecture
		Laura Bottani
18:40 - 19:00	**Transcranial Penetrating Skull Base Trauma with Metal Rod: Endoscopic Repair of CSF Leak**	Lecture
		Leah Morejon
19:00 - 19:20	**Discussion of Module 5 and Q&A**	Discussion
19:20 - 19:30	**Closure of Day 1**	Lecture
		Piedad Elizabeth Acurio Padilla Carlos Barzallo

Day 2, Sunday, 22nd November 2026

08:00 - 08:30	**Registration**	Break

Module 6: Discussion of clinical cases and hands on session

08:30 - 10:00	**Workshop 1: Case discussion and Pterional craniectom**	Workshop
		Eve Tsai Laura Bottani Andrés Guerrero
10:00 - 11:30	**Workshop 2: Case discussion and decompressive craniectomy Cisternostomy Endoscopic approach**	Workshop
		Robson Amorim Alba Enith Cortez Iype Cherian Piedad Elizabeth Acurio Padilla José Luis Rodríguez Matías
11:30 - 13:00	**Workshop 3: Case discussion and interhemispheric approach**	Workshop
		Carlos Barzallo Henin Mora Juan Carlos Moreira Holguín
13:00 - 14:00	**Lunch break**	Break
14:00 - 15:30	**Workshop 4: Case discussion and Posterior fossa approach**	Workshop
		Henin Mora
15:30 - 17:00	**Workshop 5: Case discussion and Endonasal approach**	Workshop
		Jorge Chasipanta Quimbita Alberto R. Valarezo
17:00 - 18:30	**Worshop 6: Case discussion and Transorbital approach**	Workshop
		Joel Caballero
18:30 - 18:40	**Closure of Day 2**	Lecture
		Piedad Elizabeth Acurio Padilla Carlos Barzallo

Event venue	**Universidad San Francisco de Quito** Quito Ecuador
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 800.00
Registration link	https://globalneuro.org/EN/education/event-detail/123.html

General information

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-kindsupport 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)

Sponsors

Thank you very much for our partners Glomedical, Invimedic, Prime Health, B Braun, Bioin, FPS Medic Pharma, Natiba, Espintech, Extracut Global, CG mil, and Bemart for providing commercial and in-kind support for this event

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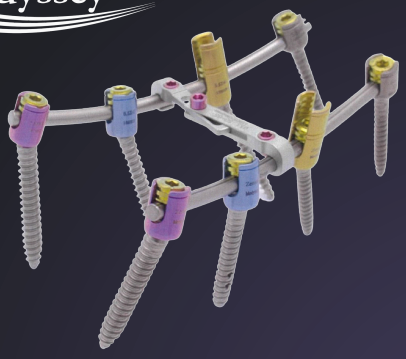
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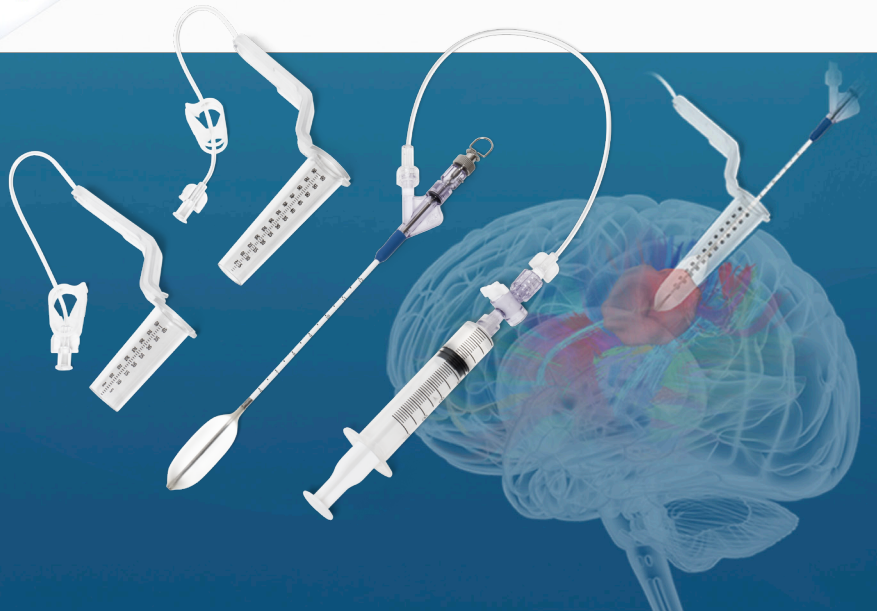


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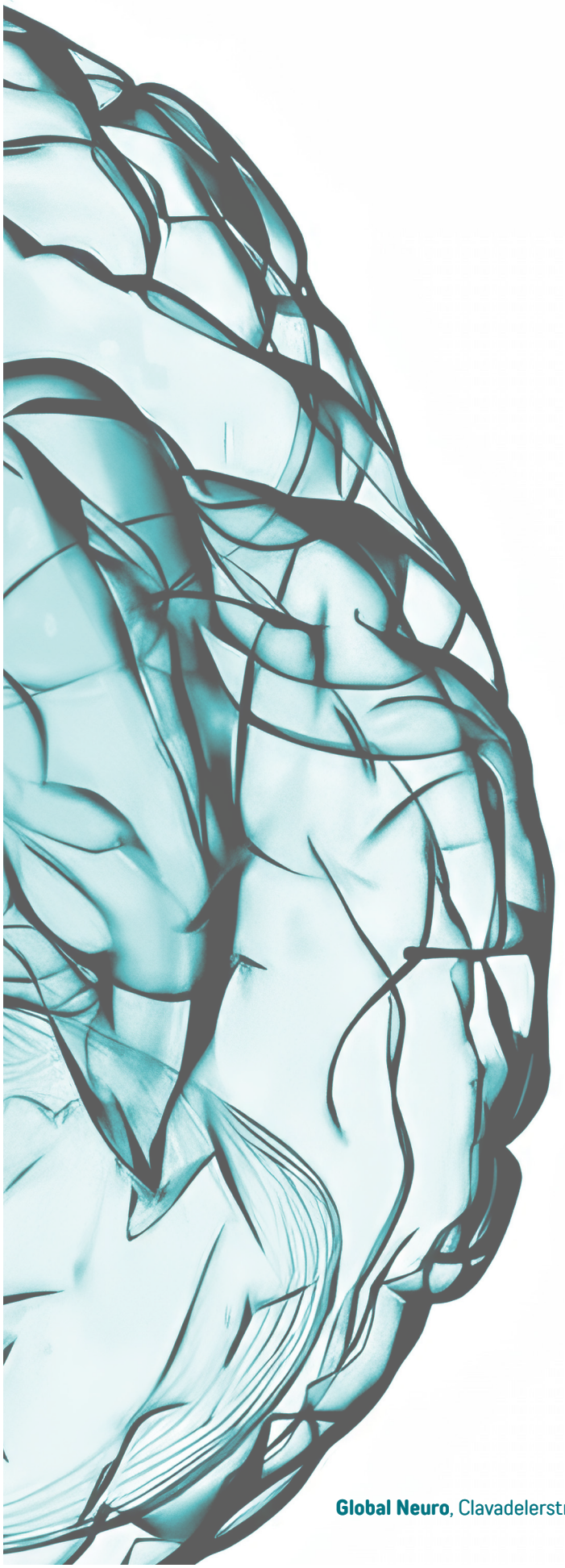
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Notes:

Global Neuro



Event contact

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