USFQ UNIVERSIDAD SAN FRANCISCO DE QUITO

Global Neuro

SENC SOCIEDAD ECUATORIANA DE NEUROCIRUGÍA

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

21st – 22nd November 2026

Quito, Ecuador



Global Neuro welcomes you

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

We offer educational events across the world, 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, neurointensivists, neuroanesthesiologists, neuroradiologists, and other neuro 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 be able 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 neurocare and rehabilitation for all our patients.

Warm regards,



Andres M Rubiano
President Global Neuro Foundation

Course 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 participants

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 development

The 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 symposium, 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.

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	
	Hospital Metropolitano	Quito
Cynthia Vanessa Campozano Burgo	Hospital General Guasmo Sur	
	Universidad Espíritu Santo (Ecuador)	
	UEESclinic	Guayaquil
Joel Caballero García	Hospital Veltimed	Santo Domingo
Heinert Enmanuel Gonzabay Campos	Hospital General Monte Sinaí	Guayaquil
Manuel Jibaja Vega	Hospital Eugenio Espejo	
	Hospital de los Valles	
	Escuela de Medicina de la Universidad San Francisco de Quito	
	USFQ	Quito
Henin Mora Benites	UEESclinic	
	Hospital Alcivar	Guayaquil
Juan Carlos Moreira Holguín	Hospital de Especialidades Guayaquil Dr. Abel Gilbert Pontón	
		Guayaquil
José Luis Rodríguez Matías	Hospital de Especialidades Guayaquil Dr. Abel Gilbert Pontón	
	Universidad de Guayaquil	
	Universidad Espíritu Santo (Ecuador)	Guayaquil
Fernando Roosemberg	Universidad Espíritu Santo (Ecuador)	Guayaquil
Jorge Vinicio Chasipanta Quimbita	Hospital de Especialidades Eugenio Espejo	
	Hospital Metropolitano	Quito
Alba Enith Cortez Jiménez	Hospital de Especialidades Eugenio Espejo	Quito
Alberto R. Valarezo CH.	Instituto Oncológico Nacional – Solca	Guayaquil

Saturday, 21st November 2026

TIME	AGENDA	SPEAKER
08:00–08:30	Registration	
08:30–09:00	Welcome and event objectives	Carlos Barzallo / Piedad Acurio
Module 1	**Pathophysiology & Classification**	**Moderator:**
09:00–09:20	Monroe–Kellie Doctrine 4.0	Andrés Rubiano
09:20–09:40	Compartmental Syndrome and Intracranial Hypertension. Brain compliance	Andrés Rubiano
09:40–10:00	The New NINDS TBI	Wellington Paiva
10:00–10:20	Discussion of Module 1 and Q&A	
10:20–10:40	**COFFEE BREAK**	
Module 2	**Biomarkers & Neuromonitoring**	**Moderator:**
10:40–11:00	Blood Biomarkers in TBI: GFAP, UCH–L1, and S100B. Prognosis	Piedad Acurio
11:00–11:20	Invasive Multimodal Neuromonitoring: ICP, CPP, Brain Oxygenation, and Cerebrovascular Autoregulation	Robson Amorim
11:20–11:40	Non–Invasive Neuromonitoring	Manuel Jibaja
11:40–12:00	Discussion of Module 2 and Q&A	
12:00–13:00	**LUNCH BREAK**	
Module 3	**Surgical Controversies**	**Moderator:**
13:00–13:20	Decompressive Craniectomy in Severe TBI: RESCUEicp, DECRA, and RESCUE ASDH	Laura Bottani
13:20–13:40	Decompressive Craniectomy and cisternostomy	Iype Cherian
13:40–14:00	Chronic Subdural Hematoma: surgical options, update on the treatment	José Luis Rodríguez
14:00–14:20	Discussion of Module 3 and Q&A	

TIME	AGENDA	SPEAKER
Module 4	**Systems of Care & Special Populations**	**Moderator:**
14:20–14:40	TBI-TIME: A Systematic Framework to Reduce Time-to-Treatment in Neurotrauma	Robson Amorim
14:40–15:00	Coagulopathy in TBI: Pathophysiology and Goal-Directed Therapy	Fernando Roosemberg
15:00–15:20	Moderate TBI and neuro-worsening	Wellingson Paiva
15:20–15:40	Mild traumatic brain injury: it is not always mild. Clinical and radiological evidence of significant intracranial lesions	Henin Mora
15:40–16:00	Surgical phenotyping in TBI	Robson Amorim
16:00–16:20	Advancing TBI care: Improving Discovery to Delivery	Eve Tsai
16:20–16:40	Discussion of Module 4 and Q&A	
16:40–17:00	**COFFEE BREAK**	
Module 5	**Pathophysiology & Critical care**	**Moderator:**
17:00–17:20	Update in the management of post-traumatic brain edema	Andrés Rubiano
17:20–17:40	TBI and cerebral edema in the critically ill patient: how to choose the best treatment	Cynthia Vanessa Campozano Burgos
17:40–18:00	Timing in TBI	Heinert Enmanuel
18:00–18:20	Guidelines for penetrating TBI: an update	Juan Carlos Moreira
18:20–18:40	Cranioplasty: when to perform	Laura Bottani
18:40–19:00	Transcranial Penetrating Skull Base Trauma with Metal Rod: Endoscopic Repair of CSF Leak	Leah Morejon
19:00–19:20	Discussion of Module 5 and Q&A	
19:20–19:30	Closure of Day 1	Carlos Barzallo / Piedad Acurio

Sunday, 22nd November 2026

TIME	AGENDA		SPEAKER
08:00-08:30	Registration		
Module 6	**Discussion of clinical cases and Hand's on Session**		**Moderator:**
	Workshop 1: Case discussion and Pterional craniectomy *Laura Bottani* *Eve Tsai* *Andrés Guerrero* AND Workshop 2: Case discussion and decompressive craniectomy + Cisternostomy and Endoscopic approach of the subdural space *Iype Cherian* *Piedad Acurio* *Robson Amorim* *José Luis Rodríguez* *Alba Enith Cortes*	Workshop 3: Case discussion and interhemispheric approach *Carlos Barzallo* *Henin Mora* *Juan Carlos Moreira* AND Workshop 4: Case discussion and Posterior fossa approach *Henin Mora*	Workshop 5: Case discussion and Endonasal approach *Jorge Vinicio Chasipanta Quimbita* *Alberto Valarezo* AND Worshop 6: Case discussion and Transorbital approach *Joel Caballero García*
08:30-11:30	**Group 1**	**Group 2**	**Group 3**
11:30-13:00	**Group 2**	**Group 3**	**Group 1**
13:00-14:00	**LUNCH BREAK**		
14:00-15:30	**Group 2**	**Group 3**	**Group 1**
15:30-18:30	**Group 3**	**Group 1**	**Group 2**
18:30-18:40	Closure of Day 2		Carlos Barzallo / Piedad Acurio

Event Venue

Universidad San Francisco de Quito
Quito, Ecuador

Event Organization

Global Neuro Foundation
Clavadelerstrasse 1
7270 Davos,
Switzerland

General information

Registration

Course fee:
Lecture and case discussion (Day 1 only)
USD 300 (Neurosurgeons, Intensivists & other Physicians
USD 250 (Neurosurgeon – SENC Members)
USD 200 (Residents)
USD 150 (Students / Nurses)

Cadaver & Dissection session (Day 2 only)
USD 500 (Neurosurgeons, Intensivists & other Physicians
USD 450 (Neurosurgeon – SENC Members)
USD 300 (Residents)

Full course experience
USD 800 (Neurosurgeons, Intensivists & other Physicians
USD 700 (Neurosurgeon – SENC Members)
USD 500 (Residents)

Click on the registration link below to register for the course:
Day 1 Only:
https://globalneuro.org/EN/education/event-detail/120.html
Day 2 or Full course experience:
https://globalneuro.org/EN/education/event-detail/123.html
Full payment is required before the start of the activity. The registration fee includes instructional materials, refreshment breaks, lunch, and the course certificate.

Dress code

Casual

Language

Spanish and 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 the 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.

Sponsors

Thank you very much for our partners Braun, Glomedical, Invimedic, CG Mil, Prime Health, FPS Medic Pharma, for providing commercial and in-kind support for this event.









