



Global Neuro

Preliminary Course program

# Global Neuro Course – Advanced Neurotrauma at the CLAN Chile 2024

October 20, 2024, Santiago, Chile

## Global Neuro welcomes you!

On January 1, 2018, AONeuro became Global Neuro to broaden our geographical reach and to collaborate with multiple partners. Our new foundation is incorporated in Switzerland and is ready to serve you and improve 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, neuro-anesthesiologists, 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 neuro care and rehabilitation for all our patients.

Warm regards!



**Andrés M. Rubiano**  
President Global Neuro Foundation

## Course description

This full-day course covers the current best strategies and considerations for neurotrauma care, especially advanced neuromonitoring in different scenarios of neurotrauma. The course explores TBI and SCI management protocols, their implementation, and results in different resource level scenarios, focusing on advanced monitoring.

The content is delivered using multiple methods: comprehensive lectures concentrate on core material understanding, and case presentations increase this knowledge and enrich the discussion of trauma management. The case-based discussions and practical skills link the lectures with the problems encountered in real-life clinical practice.

Participants will be able to interact throughout the course.

## Target participants

The Global Neuro Course—Advanced Neurotrauma has been developed for neurosurgeons, intensivists, critical care physicians, residents, and other health care providers, including emergency medicine doctors and trauma surgeons, dedicated to the integral management of Neurotrauma and complex and interdisciplinary patient care.

## Learning objectives

By completing this course, participants will be better able to:

- Understand technical aspects of neurotrauma diagnosis and management focusing on advanced neuromonitoring evaluation systems.
- Review different protocols proposed for guiding therapy in neurotrauma patients using strategies according to various levels of available resources.
- Practice advanced neuromonitoring strategies and discuss scenarios of applicability and decision-making for different conditions in neurotrauma patients.

## Course Chair



Andres M Rubiano  
Universidad El Bosque  
Bogota, Colombia

## Course Director



Wellingson Paiva  
University of Sao Paulo  
Sao Paulo, Brazil

## Local Faculty

Benjamín Abarca	Hospital Puerto Montt	Puerto Montt, Chile
Patricio Bustos	Universidad de Chile	Santiago, Chile
José Moretti	Clinica Las Condes	Santiago, Chile
Mario Canitrot	Clinica Indisa	Santiago, Chile
Sergio Aguilera	Hospital Herminda Martin	Chillan, Chile

## Regional Faculty

Robson Amorim	Universidad de Amazonas	Manaus, Brazil
Franly Vásquez	Clinica Dr. Abel González	Santo Domingo, Dominican Republic
Berhioska Pérez	Meditech Foundation	Cali, Colombia
Adrián Zapata	Hospital La María	Medellin, Colombia

## International Faculty

Gregory Hawryluk	Cleveland Clinic	Akron, USA
Franco Servadei	University of Milano	Milano, Italy

## Day One, October 20, 2024

TIME	AGENDA	WHO
8:30 – 9:00	Registration: Check-in and material	
9:00 – 9:10	Introduction and objectives	Andrés Rubiano
<b>Session 1</b>	<b>The Acute Care in Neurotrauma (ER – Operation Room and ICU) *Each presentation includes a 5m session of Q&amp;A.</b>	<b>Moderator: Robson Amorim</b>
9:10 – 9:30	Damage Control Resuscitation in the ER for the Polytrauma Patient with TBI	Adrián Zapata
9:30–9:50	Biomarkers in Acute TBI: Where do We Stand Today?	Gregory Hawryluk
9:50–10:10	The CREVICE Protocol for Managing Severe TBI in Areas Without ICP Monitoring	José Moretti
10:10–10:30	The Global Consensus for Non-Invasive Neuromonitoring in Severe TBI Patients (Bruxelles – ICONIC)	Andrés Rubiano
10:30–10:50	The SIBICC Protocol for Managing Patients with Invasive ICP Monitoring	Wellingson Paiva
<b>10:50–11:10</b>	<b>COFFEE BREAK</b>	<b>ALL</b>
11:10–11:30	The SIBICC Protocol for Managing Patients with Invasive ICP + PTiO <sub>2</sub> Monitoring	Mario Canitrot
11:30–12:00	<b>PANEL INTERACTIVE CASE PRESENTATIONS</b>  <b>Case 1:</b> Non-Invasive ICP and Decision Making in TBI (15m) <b>Case 2:</b> SIBICC Protocols in TBI Management (15m)	<b>Moderator: TBD</b> Berhioska Pérez  Sergio Aguilera
<b>12:00–13:00</b>	<b>LUNCH</b>	<b>ALL</b>
<b>Session 2</b>	<b>Global Perspectives and Special Considerations in Neurotrauma Care. *Each presentation includes a 5m session of Q&amp;A.</b>	<b>Moderator: Benjamín Abarca</b>
13:00–13:20	Global Health and Neurotrauma: An International Perspective	Franco Servadei
13:20–13:40	Pediatric TBI: The BTF Guidelines and their Applicability	Wellingson Paiva
13:40–14:00	Neurotrauma in the Elderly: Tips and Tricks in TBI and SCI Acute Care	Gregory Hawryluk
14:00–14:20	Penetrating TBI Care: What is New?	Andrés Rubiano
14:20–14:40	Minimally Invasive Surgery for Intracerebral Traumatic Bleeding	Robson Amorim
14:40–15:00	Actual Trends in the Management of Brain Edema	Andres Rubiano
<b>15:00–15:20</b>	<b>COFFEE BREAK</b>	<b>ALL</b>
15:20–15:40	<b>PANEL INTERACTIVE CASE PRESENTATIONS</b>  Case 1: Neurotrauma in the Elderly (15m) Case 2: Penetrating TBI (15m)	<b>Moderator: Franly Vásquez</b> Patricio Bustos Benjamín Abarca
<b>Session 3</b>	<b>Hands-On Activities</b>	<b>ALL</b>

TIME	AGENDA	WHO
15:40–16:20	<b>Skill Station I:</b> Non-Invasive ICP Monitoring (ONUS / TCD)	Berhioska Perez, Franly Vásquez
	<b>Skill Station II:</b> Non-Invasive ICP Monitoring (Pupillometry/ Brain 4 Care)	Andres Rubiano, Wellingson Paiva
16:20–17:00	<b>Skill Station III:</b> Invasive ICP Monitoring and Waveform Analysis	Mario Canitrot, TBD
	<b>Skill Station IV:</b> Cranial Decompression and Reconstruction and elevated craniotomy	Benjamín Abarca, José Moretti
17:00–17:30	<b>Final Remarks and Certification</b>	<b>ALL</b>

## Course Venue



### **Hotel Sheraton**

Sheraton Santiago Hotel and Convention Center

Avda. Santa María 1742, Santiago, Chile

Tel.: +56 2-22335000

Website: [Sheraton Santiago Hotel and Convention Center](http://www.sheraton.com/Chile)

## Event organization

### **Global Neuro Foundation**

Clavadelerstrasse 8J

7270 Davos

Switzerland

### **Event organizer**

Ximena Rodriguez

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## General information

### Event fee

There is a 50 USD additional fee to attend the course, but you must be registered for the Latin American Congress of Neurosurgery [CLAN Chile 2024](#).

We highly recommend you register for the course as early as possible as there are limited seats available.

Included in the course fee are course material, a coffee break, and the course certificate.

### Registration

Please click on the registration link below to register for the event: **Limited seats available.**

To register to the please click here: <https://globalneuro.org/EN/education/event-detail/79.html>

### Course certificate

The course certificates can only be provided if the participant attends the entire event (100%) and will be sent to your email after you complete the course evaluation.

### 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.

### Dress code

Business 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 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 to others by turning off your mobile phone.



### Intellectual property

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