



Global Neuro

Event program

Basic Course in Neuro-traumatic Care in Pre-Hospital and Emergency Room Settings

11 July 2025

Rio de Janeiro | Brazil

Global Neuro Workshop—Neurotrauma at the PTS Meeting Lima 2024

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

Table of contents

Chairs
Course Directors
International Faculty
National Faculty
Location
Venue
Format
Language(s)
Description
Target audience
Goal of the course
Learning objectives
Agenda
Event venue
Global Neuro funding sources
Event organization compliance
Registration link
General information
Principles of educational events

Chairs



Andres M. Rubiano
Universidad El Bosque, Bogota,
Colombia

Course Directors

International Faculty



Nadya Castillo
Servicio Nacional de Aprendizaje -
SENA, Fundación Meditech



Wendy Gonzalez Tobar
Meditech Foundation



Santiago Cardona
Fundación Meditech

National Faculty



Luz Llined Mendoza
Sena



Gustavo P. Fraga
University of Campinas



Sergio Gelbvaks
SBA



Ruy Monteiro

Location	Rio de Janeiro Brazil
Venue	Instituto SBA de Simulação e Certificação (ISBASCE)
Format	Course
Language(s)	Portuguese, Spanish

Description

Register here: <https://neurotrauma.i4t.live/> Este curso abrange as melhores estratégias e considerações atuais para o manejo de pacientes neuro-traumatizados na área pré-hospitalar e em departamentos de emergência. O conteúdo do curso é ministrado através de aulas teóricas, apresentação e discussão de casos clínicos, e exercícios práticos (demonstrações) que permitem ao aluno aplicar os princípios de gestão aplicados a estes pacientes.

Target audience

Este curso foi desenvolvido para todos os membros do sistema médico de emergência, a nível pré-hospitalar (telefonistas de linha de emergência, paramédicos, condutores de veículos de emergência, socorristas, bombeiros, entre outros) e intra-hospitalar (pessoal de enfermagem, médicos de emergência e cirurgias de trauma, neurocirurgias, intensivistas, médicos residentes e outros prestadores de cuidados de saúde de urgência) que intervêm nas fases atendimento neurotrauma crítico (cena, transporte, pronto-socorro) e que, por sua vez, têm grande interesse no cuidado integral e interdisciplinar do paciente.

Goal of the course

Este curso fornece conceitos, recomendações, habilidades e habilidades fundamentais para o cuidado integral de pacientes com neurotrauma em áreas de diferentes níveis de recursos. Dá ênfase especial às diretrizes e protocolos para o manejo do neurotrauma, desenvolvidos a partir das melhores evidências científicas disponíveis, e também apresenta uma proposta de protocolos para o atendimento de pacientes com traumatismo cranioencefálico e/ou espinhal em áreas com diferentes níveis de recursos.

Learning objectives

Após a conclusão deste curso, os participantes serão capazes de:

- Reconhecer dados básicos sobre o impacto do neurotrauma (TCE e RM) em nível global em termos de mortalidade e incapacidade associada.
- Reconhecer aspectos críticos das diretrizes e recomendações para a organização de sistemas médicos de emergência em neurotrauma.
- Correlacionar elementos da fisiologia e anatomia do sistema nervoso com possíveis mecanismos patológicos em lesões traumáticas do crânio e da coluna vertebral para identificar aspectos-chave no manejo do neurotrauma.
- Compreender os sistemas básicos e avançados de monitorização não invasiva e a sua utilidade em doentes com neuro-traumatismos cranianos e espinhais.
- Descrever as intervenções básicas que as equipas pré-hospitalares e de emergência devem realizar como medidas gerais em pacientes com traumatismo cranioencefálico e/ou espinhal.
- Descrever os protocolos de atendimento em pronto-socorro para pacientes com traumatismo cranioencefálico e/ou suspeita de envolvimento medular em pronto-socorro básicos, identificando as diferentes intervenções sugeridas

Agenda

Inscrição

Boas-vindas e objetivos do curso

08:10 - 08:30	Epidemiologia e conceitos do Sistema de Emergência Médica	Lecture
		Luz Llined Mendoza
08:30 - 08:50	Anatomia e fisiopatologia do crânio e da coluna vertebral	Lecture
		Ruy Monteiro
09:10 - 09:30	Revisão das diretrizes pré-hospitalares em neurotrauma	Lecture
		Nadya Castillo
09:30 - 09:50	Manejo das vias aéreas e ressuscitação em pacientes com neurotrauma	Lecture
		Gustavo P. Fraga
09:50 - 10:10	CAFÉ / COFFEE BREAK	Break
10:10 - 10:30	Sistemas para detecção pré-hospitalar de sangramento intracraniano e avaliação da hipertensão intrac	Lecture
		Luz Llined Mendoza
10:50 - 12:00	PAINEL INTERATIVO DE APRESENTAÇÃO DE CASOS	Discussion
	(12 minutos de apresentação 5 minutos de discussão)Caso 1: Abordagem do paciente politraumatizado em uma ambulância básica. (Nadya Castillo)Caso 2: Manejo de pacientes com TCE leve em serviços básicos de emergência. (Gustavo Fraga)Caso 3: Paciente com TCE grave em ambulância básica. (Santiago Cardona)Caso 4: TCE grave no pronto-socorro sem neurocirurgia. (Robson Amorim)	Ruy Monteiro Andres M. Rubiano Nadya Castillo Wendy Gonzalez Tobar Luz Llined Mendoza Gustavo P. Fraga
12:00 - 13:30	Almoço	Break
13:30 - 16:30	ESTAÇÃO DE HABILIDADES	Workshop
	Estação 1: Manejo básico das vias aéreas e ventilação em pacientes com neurotrauma. (Sergio Gelbvaks / Luz Mendoza) Estação 2: Avaliação neurológica em ambulância básica e avançada (Santiago Cardona)Estação 3: Estratégias de atendimento em pronto-socorro de baixa complexidade (Ruy Monteiro)Estação 4: Detecção de sangramento intracraniano e avaliação da hipertensão intracraniana em pacientes com neurotrauma (infrascanner & pupilômetro) (Wendy González / Nadya Castillo)	Ruy Monteiro Andres M. Rubiano Nadya Castillo Wendy Gonzalez Tobar Luz Llined Mendoza Gustavo P. Fraga

Observações finais e certificação

Event venue

Instituto SBA de Simulação e Certificação (ISBASCE)

Avenida das Américas - Le Monde Office, Bloco 3, 5º andar, 3500 -
Barra da Tijuca - Rio de Janeiro -
Rio de Janeiro Brazil

<https://www.institutosba.com.br/>

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 link

<https://globalneuro.org/EN/education/event-detail/106.html>

General information

Discounts

- Medical Doctor/Residents Rio Janeiro Course (25%)
- Pre Hospital/Nurses Rio de Janeiro Course (50%)

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)

