



Global Neuro



ICRAN

The International
Conference on
Recent Advances in
Neurotraumatology

2025 - SURABAYA

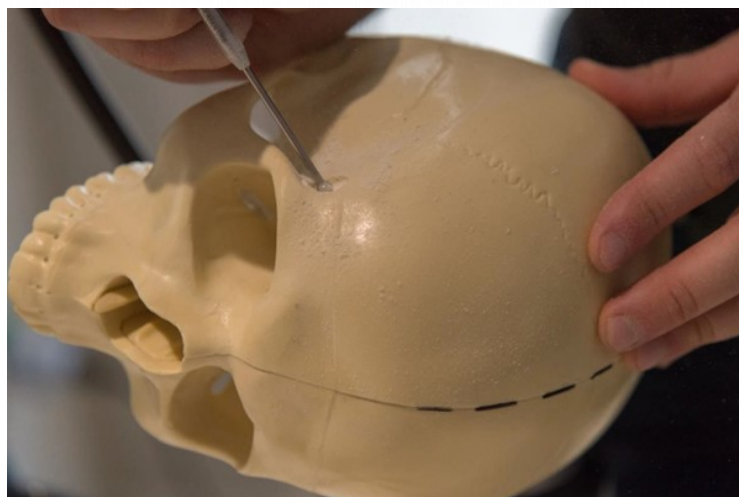
Neurotrauma: Integrating Research into Clinical Practice

August 13th - 16th, 2025

ASEEC Tower, Surabaya, East Java, Indonesia

Event program

Global Neuro Advanced Course—Neurotrauma (Pre-conference Course of ICRAN)



13 - 14 August 2025

Surabaya | Indonesia

Global Neuro Advanced Course—Neurotrauma (Pre-conference Course of ICRAN)

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
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 fee
Registration link
General information
Principles of educational events

Chairs



Andres M. Rubiano
Universidad El Bosque, Bogota,
Colombia



Tedy Apriawan
Faculty of Medicine, Universitas
Airlangga - Dr. Soetomo General
Academic Hospital



Tjokorda Gde Bagus Mahadewa
Udayana University

International Faculty



Eiichi Suehiro
International University of Health
and Welfare, School of Medicine



Andreas Demetriades
University of Edinburgh



Lynne Lourdes Lucena
Bicol Regional Hospital and Medical
Center



VIRENDRA DEO SINHA
S D M Hospital cum Medical
Research Institute Jaipur



DHAVAL SHUKLA
National Institute of Mental Health
and Neuro Sciences



Andrew Reisner
Childrens Healthcare of Atlanta



Shugar Jhamil Hinojosa Motta
Hospital Regional del Cusco /
NEURA CUSCO



Keshav Goyal
All India Institute of Medical
Sciences

National Faculty



Tommy Jack Numberi
Cenderawasih University/ Jayapura
Hospital



Rohadi Muhammad Rosyidi
Medical Faculty of Mataram
University



Krisna Tsaniadi Prihastomo
Dr. Kariadi General Hospital



Prihatma Kriswidyatomo
Faculty of Medicine Airlangga
University



Fitra
Dr. Zainoel Abidin General Hospital
Banda Aceh/ Faculty of Medicine,
Universitas Syiah Kuala



Pandu Wicaksono
Soetomo General Hospital



Eko Prasetyo
RD Kandou Hospital Manado

Location	Surabaya Indonesia
Venue	Sriwijaya Hall, ASEEC Tower Airlangga University
Format	Course
Language(s)	English

Description

This course covers the current best strategies and considerations for managing neurotrauma patients and is based on competencies defined in Global Neuro's curriculum. The content is delivered using multiple methods. Comprehensive lectures concentrate on the understanding of core material. Interactive case presentations deepen this knowledge and enrich the discussion on trauma management. Demo sessions teach the application of Global Neuro principles to manage common injuries. Case-based discussions link the lecture material and practical skills with the problems encountered in clinical practice. Participants will be able to interact throughout the course.

Target audience

The Global Neuro Advanced Course—Neurotrauma has been developed for neurosurgeons and neurointensivists, residents, surgeons, and emergency and trauma care physicians who are experienced in the management of neurotrauma and who have a strong interest in complex patient care, clinical research, and an interdisciplinary approach.

Goal of the course

The Global Neuro Advanced Course—Neurotrauma covers the management of complex cranial and spinal neurotrauma using different monitoring, devices, and techniques. There will also be a focus on the management of challenging clinical scenarios and complications.

Learning objectives

After the course, the participants will be able to

- Apply current classification systems and guidelines in neurotrauma.
- Manage complex cases of neurotrauma, including penetrating injuries, vascular injuries, and skull base and spinal fractures with an interdisciplinary approach
- Conduct and interpret basic and advanced imaging and neuromonitoring
- Plan and perform the following operative techniques: neuromonitoring, spinal fixation, complex reconstruction, including decompression techniques

Agenda

Day 1, Wednesday, August 13, 2025

13:30 - 13:40	Welcome and Course Objectives	Lecture
		Andres M. Rubiano Tedy Apriawan Tjokorda Gde Bagus Mahadewa

Module 1: Diagnostics, imaging, and pathologies

Moderator: Eko Prasetyo

13:40 - 13:55	Opening Case Discussion: Decision Making in Neurotrauma	Discussion
		Tedy Apriawan
13:55 - 14:10	Insights into Neurotrauma Pathology in the Proteomic Era	Lecture
		Andres M. Rubiano
14:10 - 14:25	Prehospital Management of TBI	Lecture
		VIRENDRA DEO SINHA
14:25 - 14:40	The British Society Classification for CT Imaging in TBI Care	Lecture
		Eko Prasetyo

Small group discussions on Initial management

Moderator: Lynne Lourdes Lucena

14:40 - 14:55	Polytrauma and TBI	Discussion
		Andres M. Rubiano
14:55 - 15:10	Pediatric TBI	Discussion
		Andrew Reisner
15:10 - 15:25	Spinal Cord Injury and Polytrauma	Discussion
		Andreas Demetriades
15:25 - 15:40	Neurotrauma in the Elderly	Discussion
		Eiichi Suehiro
15:40 - 15:50	Q&A Module 1	Discussion
		Eko Prasetyo

Module 2: Emergency Neuromonitoring in TBI

Moderator: Tedy Apriawan

15:50 - 16:05	Opening Case Discussion: Glasgow and Pupils Score	Discussion
		Tommy Jack Numberi

16:05 - 16:20	Biomarkers in Pediatric TBI: Present Insights	Lecture
		Andrew Reisner
16:20 - 16:40	Coffee Break	Break
16:55 - 17:10	NIRS for Oxygenation and Blood Detection	Lecture
		DHAVAL SHUKLA
17:10 - 17:25	Invasive and Non-Invasive Quantitative / Qualitative Analysis of ICP	Lecture
		Andres M. Rubiano
17:25 - 17:40	Hypothermia in TBI: Monitoring & Management	Lecture
		Eiichi Suehiro
17:40 - 17:50	Q&A Module 2, evaluation and closing of the day	Discussion
		Tedy Apriawan
08:00 - 08:10	Wrap up of Day 1	Lecture
		Tedy Apriawan

Day 2, Thursday, August 14, 2025

Module 3: New Trends in Diagnosis and Management of TBI & SCI

Moderator: Virendra Deo Sinha

08:10 - 08:25	Open Case Discussion: Multiparameter Monitoring in TBI	Discussion
		Andrew Reisner
08:25 - 08:40	The importance of predictive management of head trauma: using serum D-dimer levels as a biomarker	Lecture
		Eiichi Suehiro
08:40 - 08:55	Monitoring in SCI: What is New	Lecture
		Andreas Demetriades
08:55 - 09:10	Intracranial Compartment Syndrome in TBI	Lecture
		Andres M. Rubiano
09:10 - 09:25	The CREVICE Protocol for TBI Care	Lecture
		Fitra
09:25 - 09:40	The SIBICC Protocols for Guiding TBI Therapy with ICP & PTiO2	Lecture
		DHAVAL SHUKLA

09:40 - 09:55	The BootStrap Protocols for TBI Care	Lecture
		Shugar Jhamil Hinojosa Motta
09:55 - 10:05	Q&A of Module 3	Discussion
		VIRENDRA DEO SINHA
10:05 - 10:25	Coffee Break	Break

Module 4: Neurotrauma Surgical Management and Postoperative Care

Moderator: Rohadi Muhammad Rosyidi

10:25 - 10:40	Opening case discussion: SCI Guidelines and their Global Applicability	Lecture
		Tjokorda Gde Bagus Mahadewa
10:40 - 10:55	Surgical Guidelines for TBI Management	Lecture
		Lynne Lourdes Lucena
10:55 - 11:10	Surgical Guidelines for SCI	Lecture
		Andreas Demetriades
11:10 - 11:25	ICU Management of SCI	Lecture
		Prihatma Kriswidyatomo

Small groups discussion on TBI/SCI Management (each with 15 mins)

Moderator: Daval Shukla

11:25 - 11:40	Penetrating TBI	Discussion
		Andres M. Rubiano
11:40 - 11:55	Pediatric SCI	Discussion
		Andrew Reisner
11:55 - 12:10	Acute Surgical Decompression in SCI	Discussion
		Pandu Wicaksono
12:10 - 12:25	Multimonitoring in TBI	Discussion
		Eiichi Suehiro
12:25 - 12:35	Q&A Module 4	Discussion
		Tjokorda Gde Bagus Mahadewa
12:35 - 13:35	Group Photo and Lunch break	Break

Module 5: Practical exercises

13:35 - 16:15	Station one: Advanced Monitoring (Oximetry and ICP Evaluation)	Workshop
	Demonstration session with up to 13 people	VIRENDRA DEO SINHA Eiichi Suehiro

13:35 - 16:15	Station two: New Trends in Neuro Monitoring (Pupillometer, Biomarkers, and Non-Invasive ICP Waveform)					Workshop
	Demonstration session with up to 13 people					Andres M. Rubiano Tedy Apriawan Keshav Goyal
13:35 - 16:15	Station three: Transcranial Ultrasound (ultrasonography)					Workshop
	Demonstration session with up to 13 people					Shugar Jhamil Hinojosa Motta Krisna Tsaniadi Prihastomo
13:35 - 16:15	Station Four: Decompressive Craniectomy and Advanced Reconstruction Systems					Workshop
	Demonstration session with up to 13 people					DHAVAL SHUKLA Lynne Lourdes Lucena
	13:35–14:15	Group A	Group B	Group C	Group D	
	14:15–14:55	Group D	Group A	Group B	Group C	
	14:55–15:35	Group C	Group D	Group A	Group B	
	15:35–16:15	Group B	Group C	Group D	Group A	
16:15 - 16:35	Coffee Break					Break
16:35 - 16:45	Interactive Q&A session Module 5					Discussion
						Andres M. Rubiano Tedy Apriawan Tjokorda Gde Bagus Mahadewa
16:45 - 16:50	Evaluation and closing remarks of the course					Lecture
						Andres M. Rubiano Tedy Apriawan Tjokorda Gde Bagus Mahadewa

Event venue



Sriwijaya Hall, ASEE Tower Airlangga University
Surabaya Indonesia

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 150.00

Registration link

<https://globalneuro.org/EN/education/event-detail/103.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)

Event contact

Global Neuro, Jenny Cheng

Email: Jenny.cheng@globalneuro.org

