

ANNUAL REPORT

20
23

Improving the quality of neuro care worldwide through excellence in education and training. Our renowned faculty donate their time, knowledge, and skills to teach healthcare providers, ensuring patients everywhere receive a high standard of care that will save lives.

PRESENTED BY:

Global Neuro Foundation

PREPARED FOR:

Eidgenössische Stiftungsaufsicht
May 2024



A WORD FROM THE PRESIDENT



2023 can be described as a year of GROWTH for Global Neuro.

We saw a steady increase in in-person courses across five continents post-COVID. We addressed new audiences and created more impact in LMICs, such as the first neurovascular course in Colombia and the first pre-hospital emergencies course in Mexico. We were also honored to be a course provider at the World Federation of Neurological Societies (WFNS) annual conference in South Africa.

Due to our dedicated and growing faculty pool, we can assure you that Global Neuro delivers high-quality education and increasingly new content and course formats; like the first course offered in Switzerland with practical exercises and content related to Spinal Cord Injury (SCI) combined with Traumatic Brain Injury (TBI).

Even the number of partners desiring to work with Global Neuro has increased.

Together, this means that through its educational offerings, Global Neuro has made a considerable difference in creating a standard of care for neurotrauma worldwide.

Lastly, I was pleased to host the entire Foundation Board in the first face-to-face meeting since COVID-19 and discuss the future and direction of Global Neuro. There are great things to come!


ANDRES RUBIANO
PRESIDENT

2023 COURSES RECAP

Asia

- Global Neuro Course— Neurocritical Care
Tokyo, Japan – October 2023

Europe

- Global Neuro Course— Cranioplasty
Heidelberg, Germany– June 2023– June 2023
- Global Neuro Course—Neurotrauma SYNS Symposium Pre-Course
Chavannes-de-Bogis, Switzerland – October 2023
- Global Neuro Advanced Course— Neurotrauma
Edinburgh, UK – November 2023

Africa

- Global Neuro Course—Neurotrauma at the WFNS 2023
Cape Town, South Africa – December 2023

2023 COURSES RECAP

United States

- 8th Annual Selected Topics in Neuroplastic & Reconstructive Surgery Course with Cadaver Lab
Miami, United States – December 2023

Latam

- Global Neuro Course— Neurosurgeon's Role in Stroke Treatment
Cartagena, Colombia – March 2023
- Global Neuro Advanced Course— Neurotrauma
Sao Pulo, Brazil – October 2023
- Global Neuro Emergency Neurotrauma Course
Toluca, Mexico – November 2023

Online

- Comprehensive Online Diploma in Neurotrauma Care
March 2023
- Webinar— Guidelines for Prehospital Management of Traumatic Brain Injury
August 2023

COURSE FEEDBACK

Discover insights from our participants and faculty about our 2023 courses. Their feedback will help you understand how our courses can benefit you as a student or a teacher. Don't miss out on this opportunity to hear firsthand about the transformative experiences our courses offer.

20 23





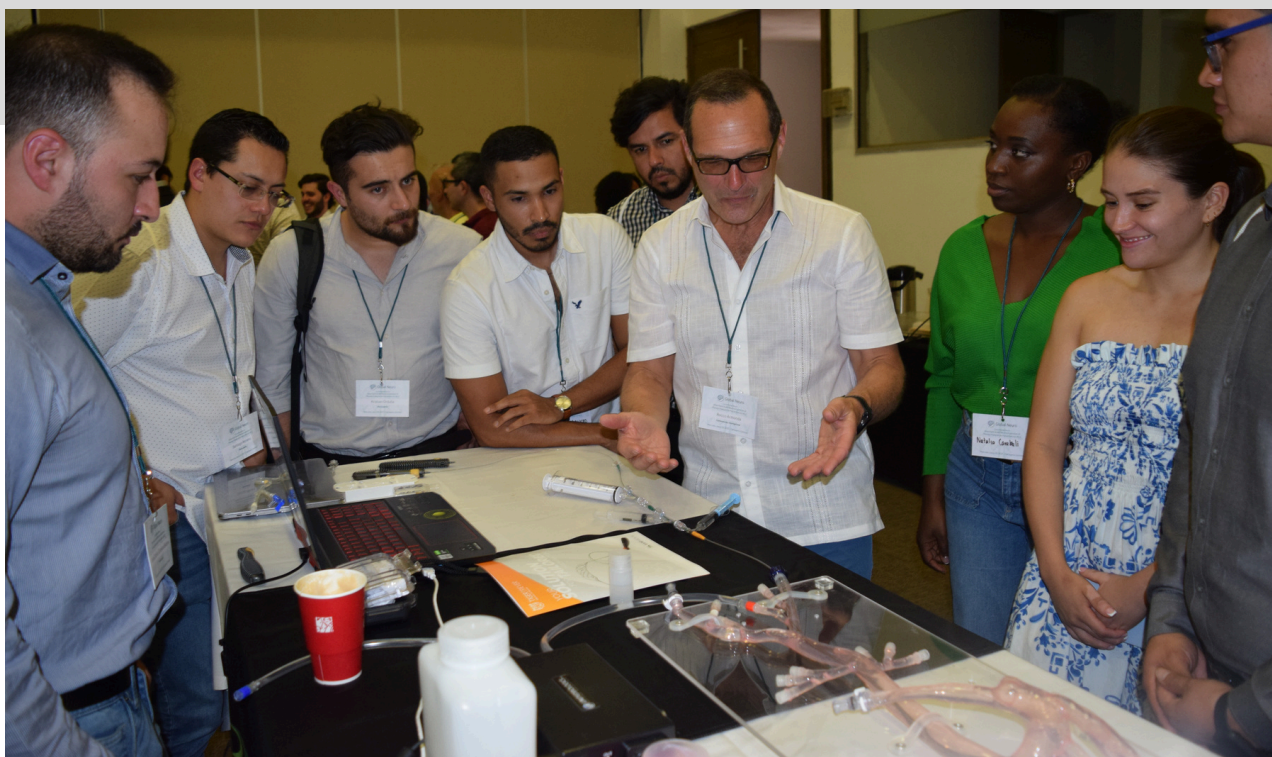
ON AVERAGE, PARTICIPANTS STATED:

80%

I learned something new at a Global Neuro course and plan to use it in my practice.

60%

The Global Neuro course is more useful compared to other providers of similar courses.



IN-PERSON COURSES

AROUND THE WORLD IN 365 DAYS

I learned a lot about the initial approach to these patients, especially about timing and new treatment options. My goal is to create a new protocol at my hospital that can be useful for the team.”


~ Maria Teresa Alvarado, Colombia
Hospital Serena Del Mar, Colombia

NEUROSURGEONS' ROLE IN STROKE
TREATMENT
Cartagena, Colombia

Because of this course and what I have now learned, I intend to make changes in my clinical practice. Specifically, I will perform more precise neuromonitoring and use multiparametric monitoring.”

~ Rodrigo Bakker da Silveira, Brazil
Hospital das Clinicas da Universidade de São Paulo, Brazil

ADVANCED COURSE NEUROTRAUMA
São Paulo, Brazil

A group of men in business attire are gathered around a table, practicing a medical procedure on a large, orange, dome-shaped model of a brain. One man in a blue suit and white mask is leaning over, using a white handheld device on the model. Another man in a striped shirt and glasses is also using a similar device. Other participants are visible in the background, some standing and some seated, all wearing masks. The setting appears to be a lecture hall or training room, with a blue banner in the background that partially reads "Asahi" and "旭化".

It was a pleasure to join the Global Neuro course in Tokyo. I had an opportunity to lecture on "Neurocritical Care in SAH." In 2023, the SAH guidelines of AHA/ASA and NCS were revised for the first time in more than ten years, and the SAH guideline of the Japanese Stroke Society was also revised. In such a milestone year, reviewing the SAH guidelines and preparing presentation slides was very stimulating and valuable. It was delightful and fruitful to share the time with the 45 participants at the Global Neuro course.

~ Hitoshi Kobata, Faculty, Japan
Osaka Medical & Pharmaceutical
University, Japan

NEUROCRITICAL CARE
Tokyo, Japan



The course was totally perfect and amazing! I have learned a lot. The faculty was so competent, flexible, and cooperative. They are very professional and taught us most of the important aspects of managing neurotrauma in the field. They welcomed questions and explained to us in detail. Amazing content and organized lectures. Every topic discussed was very very important for us as residents. The course was fantastic! Thank you very much.

~ Ahmad Alghamdi, Saudi Arabia
Charite Hospital, Germany

NEUROTRAUMA
Chavannes-de-Bogis, Switzerland

The teachers are super competent at handling the content. It had very enjoyable classes with very good transmission of knowledge. A very good course for the daily practice of the physician.

~ Participant, anonymous feedback

EMERGENCY NEUROTRAUMA CARE
Toluca, Mexico



Thank you for organizing such a great course!

~ Efosa Ohonba, South Africa
Groote Schuur Hospital, South Africa

NEUROTRAUMA
at the XVIII World Congress of Neurosurgery
WFNS 2023
Cape Town, South Africa

Thank you Global Neuro for organizing
such an incredible event. I am truly
inspired and very much looking forward
to next year.

~ Erin McCormack, United States
Tulane University Neurosurgery
Resident, United States

Eighth Annual Selected Topics in
NEUROPLASTIC & RECONSTRUCTIVE
SURGERY
Miami, United States

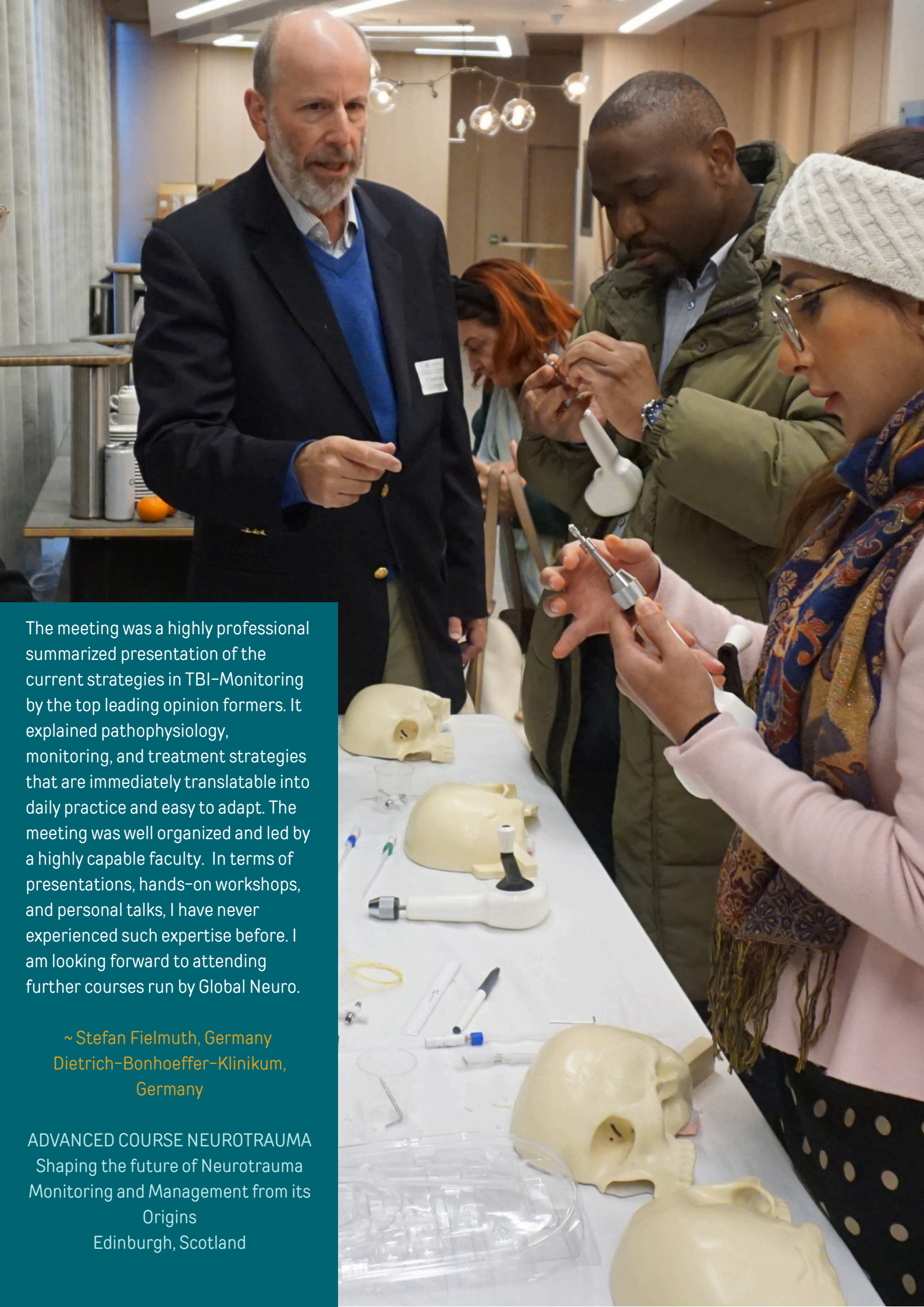




The Global Neuro Course on Cranioplasty, held on 10 June 2023 in Heidelberg, was a significant milestone for us. It offered a unique platform for German-speaking neurosurgeons to engage deeply with the latest advancements and practical applications in cranioplasty. With an exceptional lineup of speakers, the course tackled crucial topics like surgical techniques, material selection, and navigating the legal and reimbursement frameworks, all tailored to the realities of our practice. The positive feedback from the approximately 50 participants reflected the event's success in meeting the educational needs and expectations of both new and experienced neurosurgeons. As chair, I was proud to see the genuine enthusiasm and collaborative spirit that characterized the day, underscoring our collective commitment to enhancing patient care through continuous learning.

~ Alexander Younsi, Course Chair, Neurochirurgische Klinik Universitätsklinikum Heidelberg,
Neurochirurgische Klinik Universitätsklinikum Heidelberg

KRANIOPLASTIE
Heidelberg, Germany



The meeting was a highly professional summarized presentation of the current strategies in TBI-Monitoring by the top leading opinion formers. It explained pathophysiology, monitoring, and treatment strategies that are immediately translatable into daily practice and easy to adapt. The meeting was well organized and led by a highly capable faculty. In terms of presentations, hands-on workshops, and personal talks, I have never experienced such expertise before. I am looking forward to attending further courses run by Global Neuro.

~ Stefan Fielmuth, Germany
Dietrich-Bonhoeffer-Klinikum,
Germany

ADVANCED COURSE NEUROTRAUMA
Shaping the future of Neurotrauma
Monitoring and Management from its
Origins
Edinburgh, Scotland



ONLINE OPPORTUNITIES

EXPANDING OUR EDUCATIONAL REACH

This extensive 10-week program offered in-depth lectures on trauma care, significantly enhancing my expertise in managing brain and spinal traumas for both pediatric and adult patients. Thank you to the dedicated faculty for providing such a comprehensive and insightful learning experience.

~ Amna Hussein, Sudan
University of Arizona Neurosurgery Fellow,
United States

It was a very powerful and useful presentation of the research and guidelines. I am inspired by the level of commitment to patient care and outcomes by all involved!

~ Participant, anonymous feedback

WEBINAR— GUIDELINES FOR PREHOSPITAL
MANAGEMENT OF TRAUMATIC BRAIN INJURY

COMPREHENSIVE ONLINE DIPLOMA IN
NEUROTRAUMA CARE



WHY WE DO IT

14M

people require neurosurgery yearly but only less than 1 in 5 people with neurological disorders will be treated.

50%

Not only is traumatic brain injury (TBI) the leading cause of death and disability in children and young adults under the age of 40 around the world, TBI is also involved in nearly half of all trauma deaths.

6X

Fatality rates among children are six times greater in developing countries than in high-income countries.

3

The three main causes of traumatic brain injury (TBI) and spinal cord injury (SCI) are road traffic accidents, falls, and violence.

2,662

IN-PERSON PARTICIPANTS



8,979

ONLINE PARTICIPANTS

11,641

GLOBAL PARTICIPANTS

OUR GLOBAL REACH

Educating surgeons around the world

Since 2017, we have educated 2'662 medical professionals in 26 different countries across our 5 regions (Africa, Asia Pacific, Europe, Latin America, and North America) through in-person courses.

OUR PARTNERS

Without your help, Global Neuro could not increase access to neurotrauma care across the globe.



OUR BOARD MEMBERS

The renowned leaders of this organization



ANDRÉS RUBIANO
PRESIDENT



ANDREAS DEMETRIADES
VICE PRESIDENT



GREGORY HAWRYLUK



SHELLY TIMMONS



PAUL MANSON



PRATTIPATI LAXMINARAIN



MICHAEL BUCHFELDER



DONATIONS

The education gap between different providers in the chain of care for traumatic brain injury (TBI) and spinal cord injury (SCI) is vast. Global Neuro Foundation wants to close this gap by providing high-quality education in areas where it is most needed.

We created a donation platform to generate the funds needed to provide our courses and create educational opportunities, especially in areas with limited resources within Low- and Middle-Income countries.

These donations help us send our distinguished neurosurgeons from around the world into remote and underdeveloped areas to enhance the competence and skills of local neurosurgeons.





Global Neuro

Global Neuro Foundation
Clavadelerstrasse 1
7270 Davos
Switzerland

