

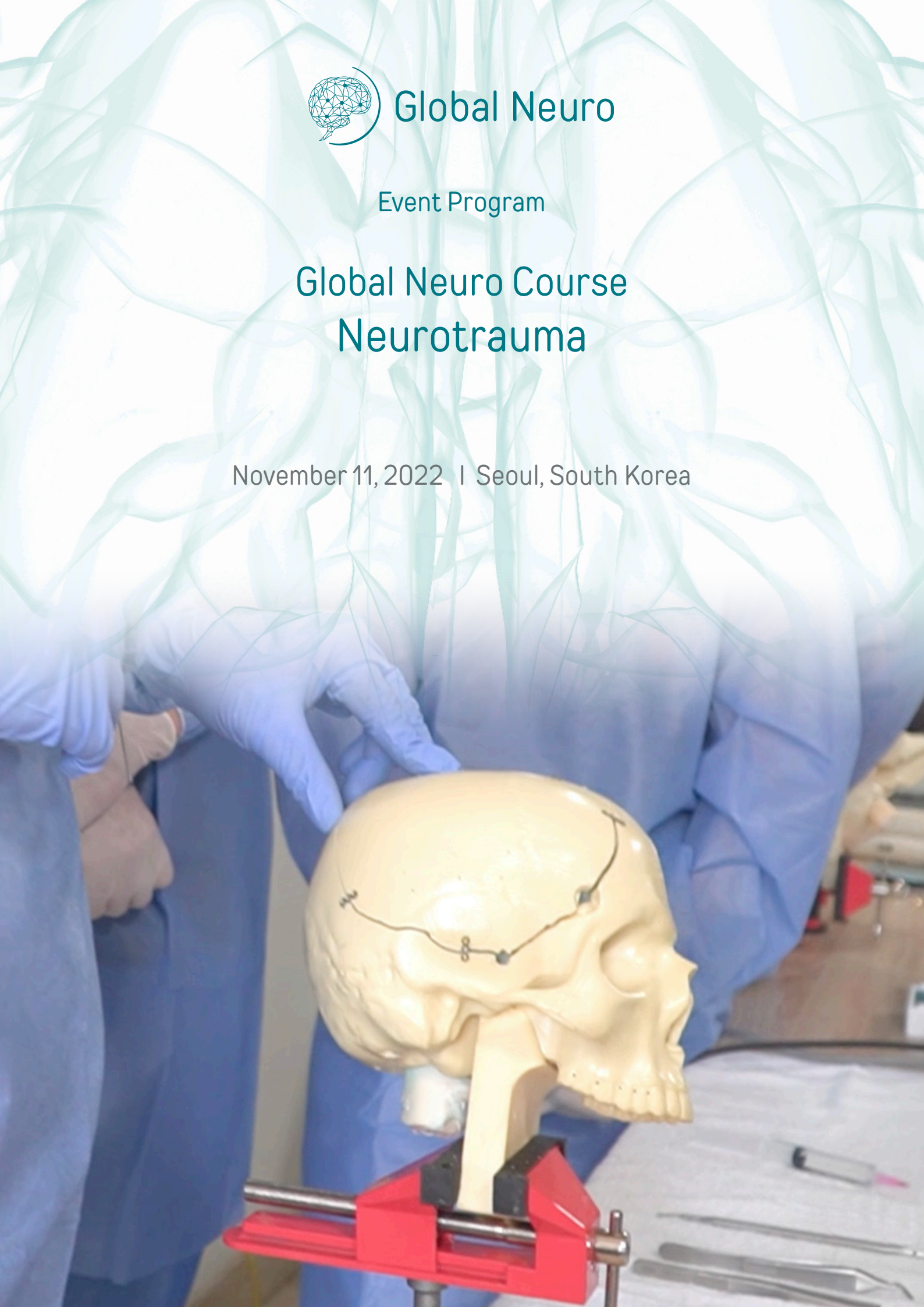


Global Neuro

Event Program

# Global Neuro Course Neurotrauma

November 11, 2022 | Seoul, South Korea



## Content

3	Welcome
4	Course description
4	Target participants
4	Goal of the course
4	Course objectives
5	Course director
5	Course co-chair
5	Faculty
6	Friday, November 11, 2022
8	Event venue
8	Event organization
8	Global Neuro funding sources
9	General information
10	Global Neuro Foundation—Principles of Educational Events
	Sponsors
13	Notes

## Global Neuro welcomes you

On January 1, 2018, AONeuro 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, neurointensivists, neuroanesthesiologists, neuroradiologists and other neuro professionals to provide comprehensive education and program development opportunities. Medicine, 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 in our patient's 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.

Please join our network of professionals as we work together to improve the results in neuro care and rehabilitation for all our patients.

Warm regards,

Paul N Manson  
Chairman Global Neuro Foundation





## Course description

This course covers the current best strategies and considerations for managing patients with traumatic brain injury. It features an international, regional, and local faculty of experts. The course content will be delivered by lectures concentrating on understanding core materials regarding neuro-critical care. Comprehensive lectures further deepen this knowledge and enrich the discussion on traumatic brain injury management.

## Target participants

The course has been developed for neurosurgeons, neurointensivists, and all allied staff involved in managing patients with traumatic brain injury.

## Goal of the course

The Global Neuro Course—Neurotrauma covers the theoretical basis and principles for managing traumatic brain injury and making proper decisions in complicated cases.

## Course objectives

After the course, the participants will be able to:

- Understand the current status of diagnostic tools for traumatic brain injury
- Interpret the values of ICP monitoring appropriately
- Manage increased ICP according to most recent studies and recommendations
- Understand the concepts and implications of the-state-of-the-art treatments in critical care
- Conduct neuro-critical care management of traumatic brain injury

## Course director

### Kum Whang

Wonju  
Korea

### Sang Koo Lee

Cheonan  
Korea

## Course co-chair

### Se-Hyuk Kim

Suwon  
Korea

### Eun Jin Ha

Seoul  
Korea

## Faculty

### International faculty

<b>Kiwon Lee</b>	New Brunswick	USA
------------------	---------------	-----

### Regional faculty

<b>Eiichi Suehiro</b>	Narita	Japan
-----------------------	--------	-------

### Local faculty

<b>Han Seung Ryu</b>	Gwangju	Korea
<b>Tae Seok Jeong</b>	Incheon	Korea
<b>Dukyong Yoon</b>	Yongin	Korea
<b>Min Soo Kim</b>	Ulsan	Korea
<b>Dong-Joo Kim</b>	Seoul	Korea
<b>Jiwoong Oh</b>	Seoul	Korea
<b>Yoonhee Choo</b>	Seoul	Korea
<b>Jong Wook Choi</b>	Wonju	Korea
<b>Namkyu You</b>	Suwon	Korea
<b>In-Ho Jung</b>	Cheonan	Korea
<b>Junghwan Lee</b>	Busan	Korea
<b>Moinay Kim</b>	Seoul	Korea
<b>Sung-Pil Joo</b>	Gwangju	Korea
<b>Won Ho Cho</b>	Busan	Korea

Friday, November 11, 2022

Time	Agenda item	Faculty
08:00–08:10	Welcome & Introduction to GlobalNeuro Seoul 2022	S-H Kim

### Session 1: Diagnostics and Informatics in neuro-critical care Moderator: JW Oh

08:10 – 08:35	Biomarkers in TBI	HS Ryu
08:35 – 09:00	Advanced neuro-imaging for TBI	TS Jeong
09:00 – 09:25	Data-driven bio-signal markers in neurologic impairment	D Yoon
<b>09:25 – 09:40</b>	<b>Coffee Break</b>	

### Session 2 ICP monitoring Moderator: EJ Ha

09:40 – 10:05	Feasibility (Usefulness) and pitfalls of ICP monitoring	MS Kim
10:05 – 10:30	AI-enhanced neuro-critical care for TBI	DJ Kim
10:30 – 10:55	ICP guided treatment algorithm	JW Oh

### Session 3 Debates on ICP control Moderator: SK Lee

10:55 – 11:20	Choice of deep sedatives for TBI patients	Y Choo
11:20 – 11:45	Choice of osmotic agents for TBI patients	JW Choi
11:45 – 12:10	Treatment strategy for refractory ICP	N You
<b>12:10 – 13:00</b>	<b>Lunch</b>	

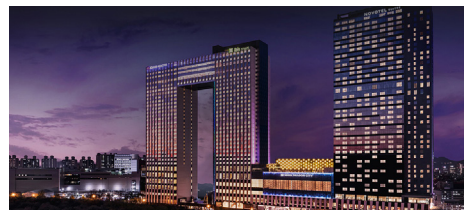
### Session 4 Hypothermia for TBI Moderator: K Whang

13:00 – 13:25	Basics of hypothermia	I-H Jung
13:25 – 13:50	Current status of hypothermia for TBI	KW Lee

Time	Agenda item	Faculty
<b>Session 5      Updates in hemostasis for TBI</b>		
		<b>Moderator: SP Joo</b>
13:50 – 14:15	Transfusion and coagulation management for TBI patients	J Lee
14:15 – 14:35	Reversal therapy for anti-thrombotics in TBI	E Suehiro
<b>14:35 – 14:55</b>	<b>Coffee Break</b>	
<b>Session 6      Updates in Critical Care for TBI</b>		
		<b>Moderator: WH Cho</b>
14:55 – 15:20	Nutritional support for TBI patients	EJ Ha
15:20 – 15:45	Strategies for the choice of antibiotics for TBI patients in an acute care setting (including antibiotic stewardship)	KW Lee
15:45 – 16:10	Reducing post-intensive care syndrome	M Kim
<b>16:10 – 16:25</b>	<b>Coffee Break</b>	
<b>Session 7      Special issues in Trauma Care</b>		
		<b>Moderator: S-H Kim</b>
16:25 – 16:50	Current status of the Korean trauma care system	WH Cho
16:50 – 17:15	Current status and future direction in neuro-critical care in Japan	E Suehiro
17:15 – 17:40	Design possibilities and Korean experience with patient-specific implants	SP Joo
17:40 – 17:50	Wrap-up & Introduction of GlobalNeuro Cheonan 2023	SK Lee

## Event venue

**Seoul Dragon City**  
95, Cheongpa-ro 20-gil  
Yongsan-gu  
Seoul



## Event organization

**Global Neuro Foundation**  
Clavadelerstrasse 1  
7270 Davos, Switzerland  
Website: [www.globalneuro.org](http://www.globalneuro.org)

**Event organizer**  
Daniel Garraty  
Email: [daniel.garraty@globalneuro.org](mailto:daniel.garraty@globalneuro.org)

## 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 surgeons groups based on local needs assessment. We rely on commercial partners for in-kind support to run simulations/skills training if educationally needed.



## General information

### Event fee

**Global Neuro Course—Neurotrauma**  
USD 50.00.

The course fee includes course material, coffee breaks, lunch, and a course certificate.

### Registration

Please click on the registration link below to register for the Global Neuro seminar – Neurotrauma:  
<https://globalneuro.org/EN/education/event-detail/49.html>

### 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 paper and pencil questionnaires. This helps Global Neuro to 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](http://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](http://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](http://www.accme.org))
- ACCME Standards for Commercial Support: Standards to Ensure Independence in CME Activities ([www.accme.org](http://www.accme.org))
- Criteria for Accreditation of Live Educational Events of the European Accreditation

Council for Continuing Medical Education ([www.uems.eu](http://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](http://www.medtecheurope.org))
- AdvaMed Code of Ethics on Interactions with Health Care Professionals ([www.advamed.org](http://www.advamed.org))
- Mecomed Guidelines on Interactions with Healthcare Professionals ([www.mecomed.org](http://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

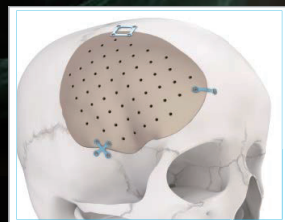
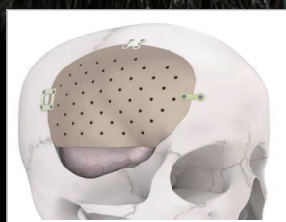
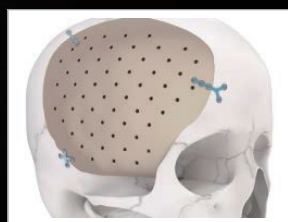
A special thanks to our partners DePuy Synthes for providing educational support grants for this event.

# TRUMATCH™ Personalized Solutions

## PSI Patient Specific Implant

PEEK - Optima  
(Polyetheretherketone) Features

- Engineered for strength and stability
- Radiolucent and with minimal MRI and CT artifact
- Bone-like stiffness and strength
- Non-thermal conductive
- Implant can be modified in the OR with standard instruments
- Lightweight
- Autoclavable



## Notes

Notes

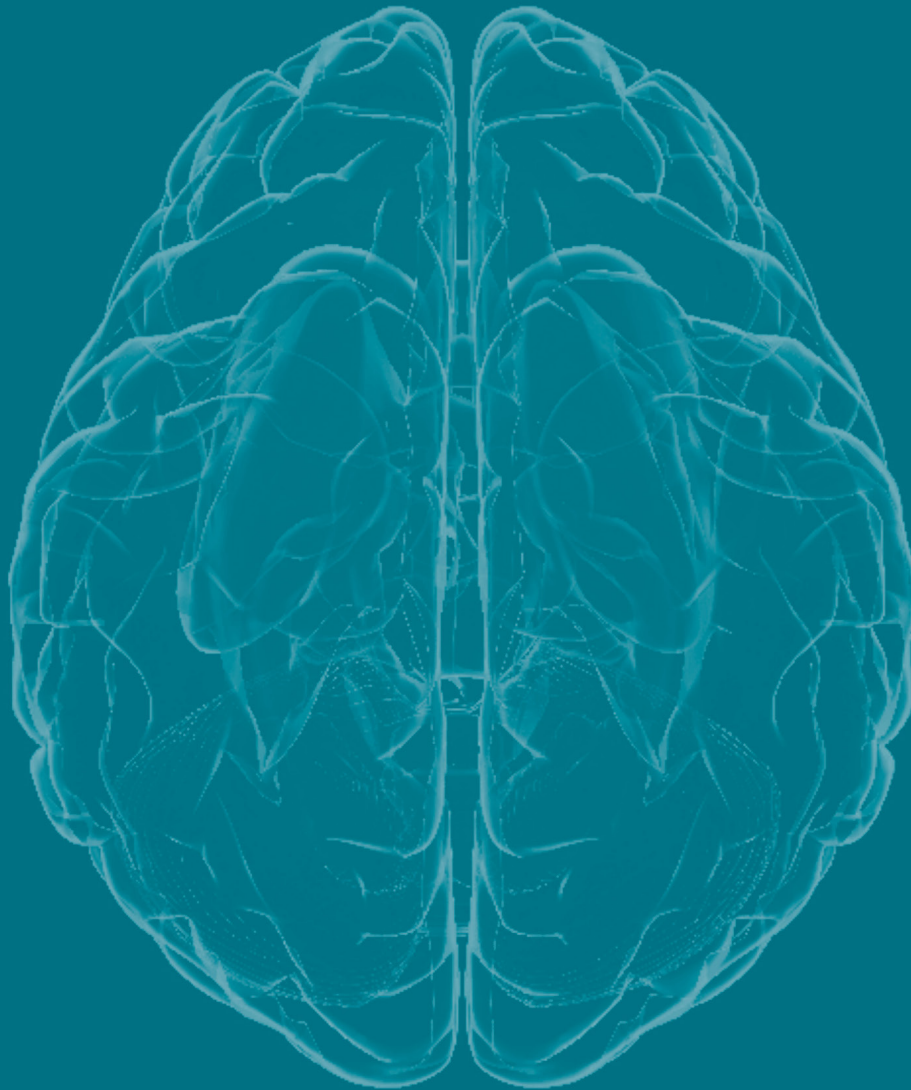
Handwriting practice lines consisting of 20 horizontal dotted lines.

## Notes



Notes

Handwriting practice lines consisting of 20 horizontal dotted lines.



Visit [www.globalneuro.org](http://www.globalneuro.org)  
and sign up for our newsletter