



Global Neuro



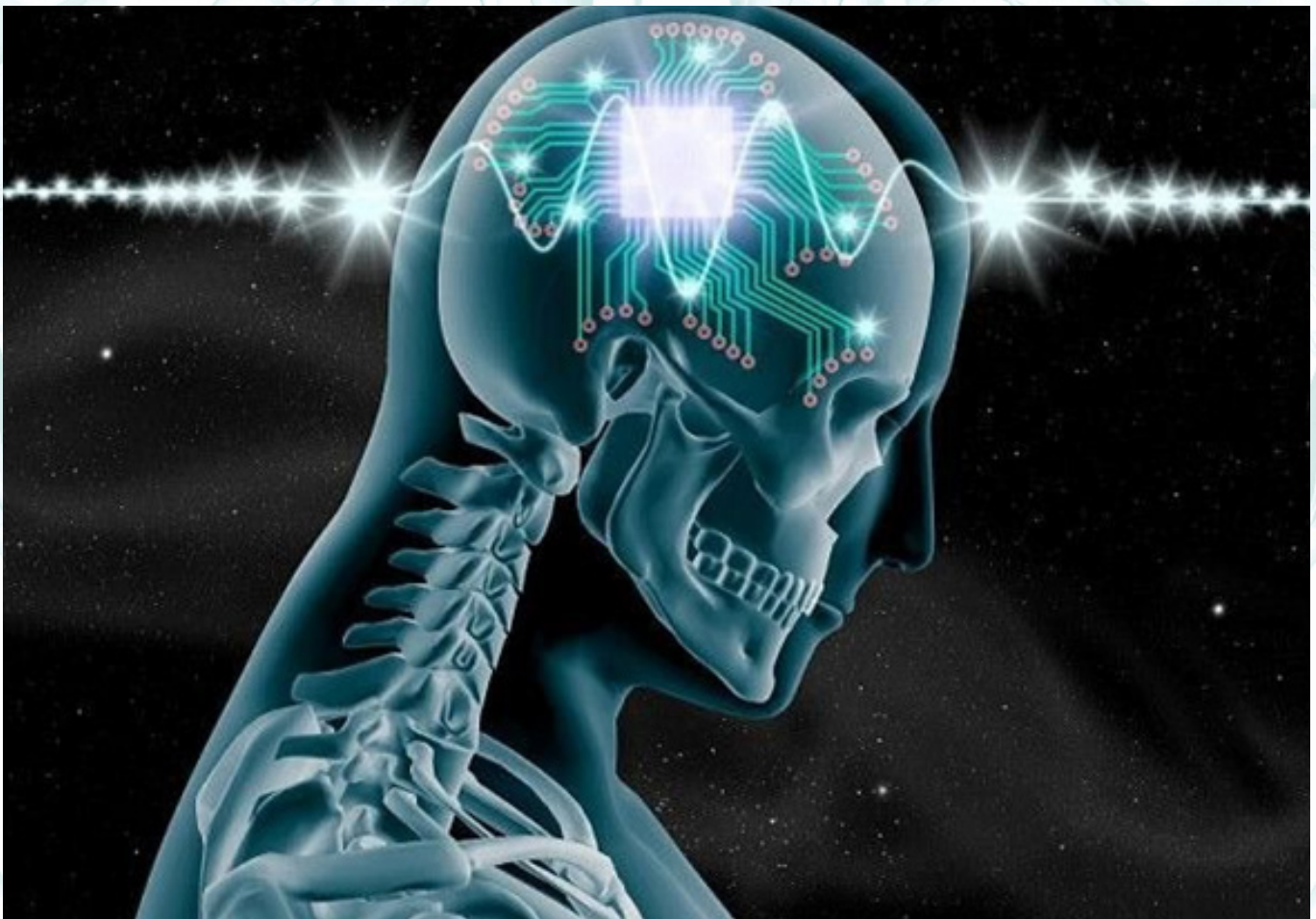
SOCIETY OF
NEUROPLASTIC SURGERY
PATIENT CARE, EDUCATION, AND RESEARCH

Preliminary program

8th Annual Selected Topics in Neuroplastic & Reconstructive Surgery Course with Cadaver Lab

Presented by:
THE SOCIETY OF NEUROPLASTIC SURGERY & GLOBAL NEURO FOUNDATION

December 9–10, 2023, Miami, FL, USA



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Course description

This course will present evidence-based data on surgical approaches and state-of-the-art materials, engage and network with a broad array of colleagues and experts, and share high-yield experiences to help attendees improve their patients' outcomes.

Interactive Q&A sessions at the end of each module will offer the opportunity to debate the evidence, exchange ideas, and gain invaluable insight to assist with the most challenging cases.

This year's 'Neuroplastic & Reconstructive Surgery Course' will engage an international faculty and audience consisting of Neuroplastic surgeons, Neurosurgeons, Interventionists, Neuro-Oncologists, Neurologists, Neuroradiologists, and Plastic & Reconstructive surgeons to explore and elucidate the new insights and advances relative to neuroplastic surgery, cranioplasty, cranial implants, implantable neurotechnology, and techniques for diagnosis, monitoring and treatment of tumors and cerebrovascular diseases.

Event format

This course is delivered through lectures, especially focused on current evidence, consensus recommendations and innovations, pertinent case-based discussions, and hands-on dissection.

The course also strives to enable participants to exchange ideas and have an open and constructive debate with the leading experts in the field through direct and informal face-to-face experiences between teachers and participants.

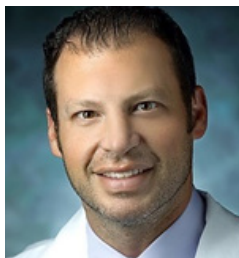
Target participants

This course has been developed for medical students, residents, fellows, physicians, attending surgeons, researchers, and physician extenders in Neurosurgery, Neurology, Neuroradiology, Neuro-Oncology, Neurovascular, Neuroplastic and Reconstructive Surgery, Craniofacial Surgery, Plastic and Reconstructive Surgery, and others who are interested in the management of complex patient care, and an interdisciplinary approach

Learning objectives

1. Create a cranioplasty reconstruction management plan with or without implants, from peri- to post-procedural care.
2. Discuss recent advances in neuroplastic surgery, cranioplasty and neurocranial reconstruction, and how you may incorporate them into your practice.
3. Employ cooperative learning to analyze practice barriers and apply appropriate solutions.
4. Translate neuroplastic surgery, cranioplasty and implantable neurotechnology research findings to improve outcomes based on recent evidence-based literature.

Chairpersons



Chad Gordon
Johns Hopkins University
School of Medicine
Baltimore, United States



Gordon Li
Stanford University
Palo Alto, United States

Faculty

Amir Wolff	Rambam Health Care Campus	Haifa, Israel
Andres Rubiano	El Bosque University	Bogota, Colombia
Albert Kim	Washington University School of Medicine	St. Louis, United States
Colleen Perez	Johns Hopkins Medicine	Baltimore, United States
Cormac Maher	Stanford Medicine Children's Health	Palo Alto, United States
Christopher Jackson	Johns Hopkins Medicine	Baltimore, United States
L. Fernando Gonzalez	Johns Hopkins Medicine	Baltimore, United States
Gabriel Santiago	US Navy Bureau of Medicine and Surgery	Washington D.C., United States
Gelareh Zadeh	University of Toronto	Toronto, Canada
Heather Jane McCrea	University of Miami	Miami, United States
Joacir Graciolli Cordeiro	University of Miami	Miami, United States
Justin M. Caplan	Johns Hopkins Medicine	Baltimore, United States
Kerry-Ann Mitchell	Ohio State University College of Medicine	Columbus, United States
Michael McDermott	Miami Neuroscience Institute	Miami, United States
Netanel Ben-Shalom	Lenox Hill Hospital	New York, United States
Peter Tass	Stanford University	Stanford, United States
Tamir Shay	Rabin Medical Center	Tel Aviv, Israel

Day one

Saturday, December 9, 2023

TIME	AGENDA ITEM	FACULTY
07:00 – 08:00	Registration and continental breakfast	All
	Introduction	
08:00 – 08:10	Welcome remarks and course introduction	Chad Gordon, Gordon Li
08:10 – 08:20	Opening remarks and Global Neuro introduction	Chad Gordon
Module 1:	Neuroplastic Surgery and its Applications	Moderators: Chad Gordon, Gordon Li
08:20 – 08:40	Improving cranioplasty outcomes	Chad Gordon
08:40 – 09:00	The impact of neuroplastic surgery on quality of life	Kerry-Ann Mitchell
09:00 – 09:20	Building a neuroplastic surgery practice after fellowship	Amir Wolff
09:20 – 09:40	Sonolucent cranial implants developed through neuroplastic surgery	Netanel Ben-Shalom
09:40 – 10:00	Neuroplastic surgery and its application to Military Medicine	Colleen Perez
10:00 – 10:20	Complex scalp reconstruction using local pedicle flaps	Tamir Shay
10:20 – 10:35	COFFEE AND NETWORKING BREAK	All
10:35 – 10:55	Non-surgical correction of neurosurgical deformities	Gabriel Santiago
10:55 – 11:15	Temporal hollowing deformities post-neurosurgery	Gabriel Santiago
11:15 – 11:25	Q&A Session for Module 1	Moderators: Chad Gordon, Gordon Li
11:25 – 11:35	Neuroplastic surgery patient experience	Bonnie Taylor (Patient)
Module 2:	Craniocerebral Trauma and Clinical Management	Moderator: Cormac Maher
11:35 – 11:45	Evidence-based and consensus recommendations for cranial decompression and cranioplasty in TBI	Andres Rubiano
11:45 – 12:05	Advanced techniques in cranioplasty and high-technology implants	Chad Gordon
12:05 – 12:25	Innovations in TBI treatment in pediatrics	Cormac Maher
12:25 – 12:45	Latest trends in neuromonitoring and neuromodulation for TBI	Joacir Graciolli
12:45 – 12:55	Q&A Session for Module 2	Moderators: Fernando Gonzalez, Andres Rubiano
12:55 – 13:55	LUNCH	All

Day one

Saturday, December 9, 2023

TIME	AGENDA ITEM	FACULTY
Module 3:	Cerebrovascular Diseases, Neuroplastic and Advanced Therapies	Moderator: Fernando Gonzalez
13:55 – 14:05	Evidence based and consensus recommendations for surgical management of cerebrovascular diseases	Justin Caplan
14:05 – 14:15	Evidence based and consensus recommendations for endovascular management of cerebrovascular diseases	Fernando Gonzalez
14:15 – 14:35	State-of-the-art advances in cerebral aneurysm disease	Christopher Jackson
14:35 – 14:55	The potential of immune checkpoints in cerebral ischemia	Christopher Jackson
14:55 – 15:05	Q&A Session for Module 3	Moderators: Chad Gordon, Christopher Jackson
Module 4:	Brain Tumors, Neuroplastic and Advanced Therapies	Moderator: Gordon Li
15:05 – 15:25	The new era of focused ultrasound	Michael McDermott
15:25 – 15:45	Smart technology for medicine delivery to the brain image-guided convection-enhanced delivery	Chad Gordon
15:45 – 16:00	Coffee and Networking Break	All
16:00 – 16:10	Chimeric Antigen Receptor (CAR) T Cell Treatment for Brain Tumors	Gordon Li
16:10–16:20	Evidence for laser interstitial thermal therapy treatment for brain tumors	Albert Kim
16:20 – 16:40	Molecular basis for surgical decision-making in the operating room for meningiomas	Gelareh Zadeh
16:40 – 16:50	Q&A Session for Module 4	Moderator: Gordon Li
16:50 – 17:00	Closing remarks Day 1	Chad Gordon, Gordon Li

FACULTY & SPONSORS DINNER
(Keynote speaker: Peter Tass, Stanford University)
19:30–21:30

Day two

Sunday, December 10, 2023

TIME	AGENDA ITEM	FACULTY
07:00 – 08:00	Continental breakfast and registration	All
Module 6:	Case Discussions	Moderators: Andres Rubiano, Cormac Maher
08:00 – 08:40	Case Discussions in Traumatic Brain Injury (TBI) (5 min presentation and 5 min discussion per case) <ul style="list-style-type: none"> • 2 cases TBI in adults • 2 cases TBI in children 	Adults: Joacir Graciolli, Andres Rubiano Children: Heather McCrea, Cormac Maher
08:40 – 09:20	Case Discussions in Cerebrovascular & Brain Tumors: (5 min presentation and 5 min discussion per case) <ul style="list-style-type: none"> • 2 cases Cerebrovascular • 2 cases Tumors 	Cerebrovascular: Fernando Gonzalez, Michael McDermott Tumors: Gordon Li
Module 7:	Hands-on activities	Moderator: Andres Rubiano
09:20 – 09:50	Improving cranioplasty outcomes	Chad Gordon
09:50 – 10:10	Coffee and Networking Break	All
10:10 – 10:20	Instructions and dressing	All
	Cerebrovascular & Brain Tumors	
10:20 – 11:00	Station: Endovascular Techniques in Cerebrovascular Diseases (40 min)	Fernando Gonzalez, Christopher Jackson, Justin Caplan
	Neurosurgical Approaches and Monitoring/ Modulation Reconstruction Techniques in Cranial Trauma	
11:00 – 11:40	Session I: Cranial Decompression Techniques (40 min)	Andres Rubiano
11:40 – 12:20	Session II: Cranioplasty Techniques and Implants (40 min)	Chad Gordon, Netanel Ben-Shalom, Kerry-Ann Mitchell, Gabriel Santiago, Colleen Perez, Tamir Shay
12:20 – 12:40	Session III: Skull Implants for Delivering Medicine (20 min)	Chad Gordon
12:40 – 13:20	Session IV: Monitoring and Neuromodulation Techniques (40 min)	Joacir Graciolli, Andres Rubiano
13:20 – 13:30	Closing remarks and end of the event	Chad Gordon, Gordon Li

Event Venue



[M.A.R.C. Institute](#)

8850 NW 20th St, Doral, FL 33172

Phone: (305)716-0966

Event organization

Global Neuro Foundation

Clavadelerstrasse 1
7270 Davos, Switzerland

Event organizer

Ximena Rodriguez

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Email: Ximena.rodriguez@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 Neurosurgeon groups based on local needs assessment. We rely on commercial partners for in-kind support to run simulations/skills training if educationally needed.

Event information

Event fee

Attending physicians: **\$500 USD**

Resident, Fellow, Researcher, Allied health practitioner: **\$175 USD**

Saturday, December 9 only: **\$200 USD**

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

Registration

For onsite registration, please visit:

[Global Neuro](http://www.globalneuro.org)

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.

Accreditation Statement

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



Credit Designation Statement

The Johns Hopkins University School of Medicine designates this Live activity for a maximum of **12.5 AMA PRA Category 1 Credits™**.

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Policy on Presenter and Provider Disclosure

It is the policy of the Johns Hopkins School of Medicine that the presenter and provider globally disclose conflicts of interest. The Johns Hopkins School of Medicine OCME has established policies in place to identify and mitigate relevant conflicts of interest prior to this educational activity. Detailed disclosure will be made prior to presentation of the training

Evaluation guidelines

All Global Neuro events apply the same evaluation process, either online (pre and post-event evaluations) or/and onsite by audience response system (ARS) or paper and pencil questionnaires. This helps Global Neuro ensure we continue to meet your training needs.

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.

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.

No insurance

The event organization does not take out insurance to cover any individual against accidents, theft, or other risks.

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.

Dress code

Casual



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).

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)
- 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 (www.advamed.org)
- Mecomed Guidelines on Interactions with Healthcare Professionals (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) Use of technologies and products in simulations

If case simulations are chosen as an educational method to develop skills, we only use technology approved by our foundation board—an independent group of volunteer surgeons developing and peer-reviewing new technology.

5) Personnel

Industry staff are not allowed to interfere with the educational content or engage in educational activities during the event.

Sponsors

ACKNOWLEDGEMENT

We wish to acknowledge the following companies that have provided an educational grant in support of this activity.

Acumed, LLC
Medical Device Business Services Inc.
Medtronic
Stryker

EXHIBITORS

Platinum

DePuy Synthes

Silver

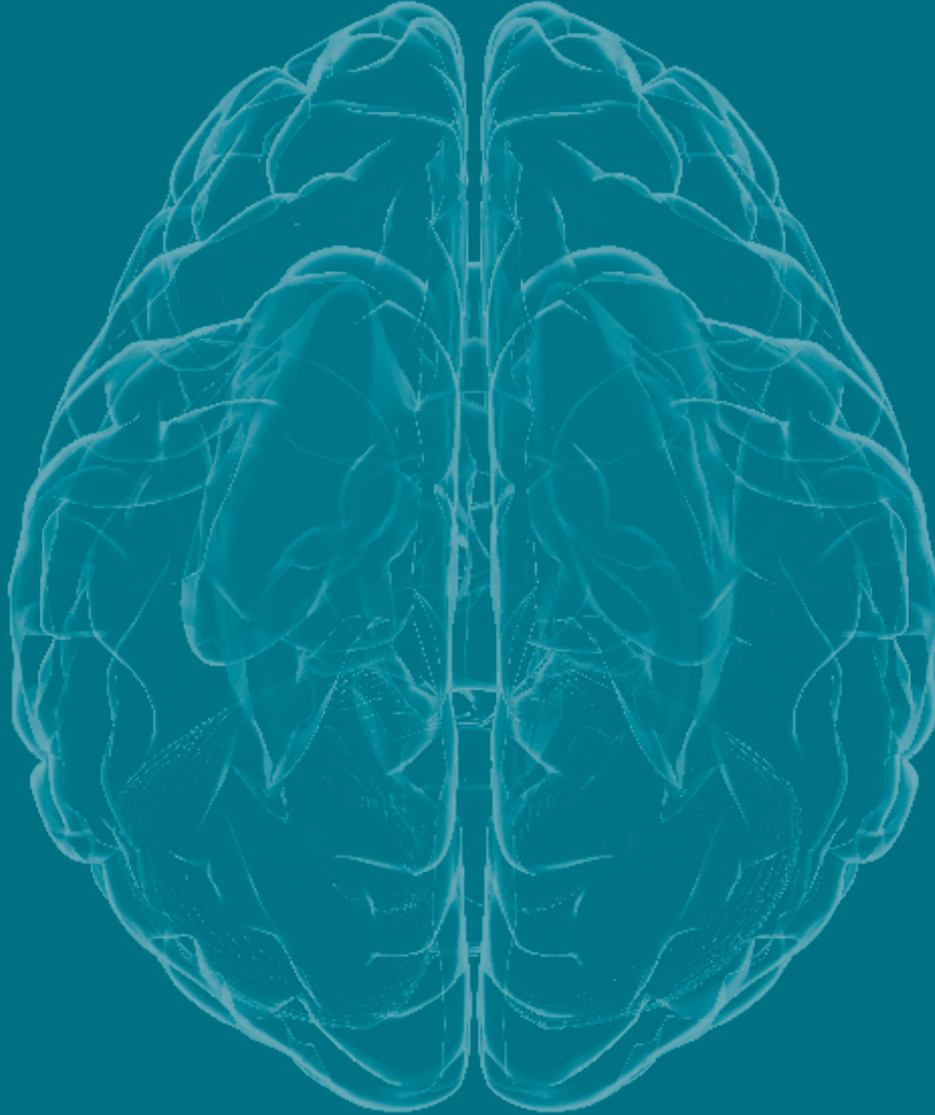
Acumed, LLC
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All others

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