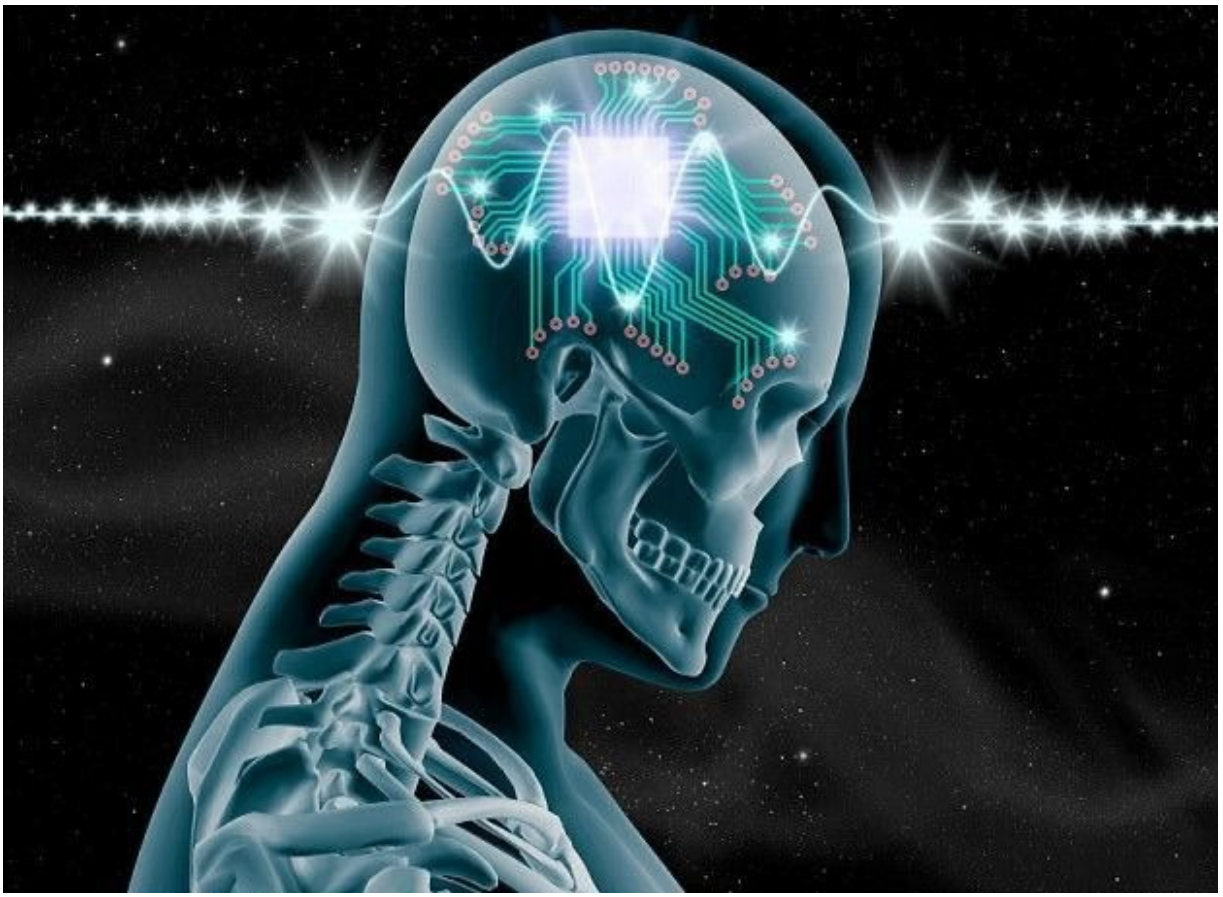
Global Neuro

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:
GLOBAL NEURO FOUNDATION & THE SOCIETY OF NEUROPLASTIC SURGERY
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 im- plants, implantable neurotechnology, and techniques for diagnosis, monitoring and treatment of tumors and cerebrovascular diseases.

Event format

This course is delivered through a combination of lectures, especially focused on current evidence, consensus recommendations and innovations, pertinent case-based discussions, and hands-on dissection.
The course also strives to provide an opportunity for participants to exchange ideas and to have an open and constructive debate with the leading experts in the field, through a direct and informal face-to-face experience 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 neuro-cranial 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.

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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 Childrens 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
Gordon Li	Stanford University	Palo Alto, United States
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

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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

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Day one, Saturday, December 9, 2023

TIME	AGENDA ITEM	FACULTY
07:00–08:00	Registration/ 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	Nati 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 & 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:

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TIME	AGENDA ITEM	FACULTY
		Fernado Gonzalez, Andres Rubiano
12:55–13:55	LUNCH	ALL
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 Jack–son
14:35–14:55	The potential of immune checkpoints in cerebral ischemia	Christopher Jack–son
14:55–15:05	**Q&A Session for Module 3**	**Moderators: Chad Gordon, Christoper Jackson**
Module 4	Brain Tumors, Neuroplastic and Advanced Thera–pies	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**

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

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Day Two, Sunday, December 10, 2023

TIME	AGENDA ITEM	FACULTY
07:00–08:00	Registration/ Continental breakfast	All
Module 6	Case Discussions	Moderators: Andres Rubiano, Cormac Maher
08:20–08:40	**Case Discussions in Traumatic Brain Injury (TBI)** (5 m each + 5m discussion each) ·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 m each + 5m discussion each) ·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	Implant design and planning supported by Engineers	Chad Gordon
09:50–10:10	COFFEE AND NETWORKING BREAK	ALL
10:10–10:20	Instructions and dressing	All
10:20–11:00	Cerebrovascular & Brain Tumors	
10:20–11:00	Station: Endovascular Techniques in Cerebrovascular Diseases (40 min)	Fernando Gonzalez, Christopher Jackson, Justin Caplan
11:00–13:20	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, Nati Ben-Shalom, Kerry-Ann Mitchell, Gabriel Santiago, Colleen Perez, Tamir Shay

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TIME	AGENDA ITEM	FACULTY
12:20–12:40	**Session III:** Skull Implants for Delivering Medicine (20 min)–DEMO	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

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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
Davos, Switzerland 7270

Event organizer

Ximena Rodriguez
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Email: Ximena.rodriguez@globalneuro.org

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Event information

Event fee

Attending physicians: $500 USD
Resident/Fellow/Researcher/Allied health practitioner: $175 USD
Saturday December 9 only: $200 USD

Included in the course fee are course material and certificate, breakfast, coffee breaks and lunch.

Registration

For Onsite registration please visit: Global Neuro

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

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.

ACCME
ACCREDITED WITH COMMENDATION

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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.

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No insurance

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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.

Dress code

Casual

The Johns Hopkins School of Medicine takes responsibility for the content, quality, and scientific integrity of this CME activity.