

University of Chicago Neuroscience Conference for Adults & Pediatrics

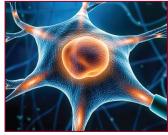
13 December 2025











Welcome Message

Dear Colleagues,

On behalf of the Scientific and Organizing Committee, we are delighted to invite you to attend the **University of Chicago Neuroscience Conference for Adults and Pediatrics**. This remarkable event will take place on **13th December, 2025** adopting a hybrid format, at the exquisite **Grand Hyatt Hotel in Abu Dhabi, UAE**. The conference aims to provide a comprehensive one-day program focused on the latest advancements in Neuroscience research, specifically tailored for Pediatrics and Adults.

Distinguished by the presence of eminent faculty members from the University of Chicago Medicine and esteemed regional experts from the Gulf Region, this conference promises to deliver cutting-edge insights into the field of Neurology and Neurosurgery. Attendees can expect to be immersed in a rich tapestry of state-of-the-art advancements and discoveries.

This gathering will serve as an ideal platform for clinicians to engage in enlightening discussions and obtain in-depth knowledge about the latest breakthroughs in the treatment of Neurology and Neurosurgery patients. It presents a unique opportunity to stay abreast of the current challenges, as well as the remarkable scientific and clinical developments in the field.

With an impressive lineup of distinguished speakers, the conference underscores the significance of fostering collaboration on both regional and international levels. The exchange of professional expertise among participants from around the globe is bound to lead to transformative outcomes and advancements in the field of Neuroscience.

The chosen venue for this event holds immense symbolic importance, situated at the crossroads where Asia, Africa, and Europe converge. This geographical advantage facilitates the seamless exchange of knowledge and ideas from diverse corners of the world, enriching the conference experience.

At the heart of our mission lies a deep commitment to the well-being of patients and the continuous professional growth of healthcare providers. We firmly believe that this extraordinary learning opportunity will provide you with passionate perspectives that will expand your knowledge and inspire you to elevate the quality of care you provide to your patients.

We eagerly anticipate your presence on the 8th of June 2024 in the captivating city of Abu Dhabi. This is an event of unparalleled significance that should not be missed.

Dr. Mohamad Bydon

Chair of Neurological Surgery,

UChicago Medicine;

Stahl Professor of Neuroscience in the

Wallman Society of Fellows of Neurological Surgery

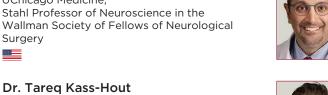
University of Chicago Neuroscience Conference for Adults & Pediatrics

Scientific Committee



Dr. Mohamad Bydon Chair of Neurological Surgery, UChicago Medicine; Stahl Professor of Neuroscience in the Wallman Society of Fellows of Neurological Surgery







Associate Professor of Neurology Co-Director, Neuroendovascular Surgery, UChicago Medicine



Dr. Shyam Prabhakaran Chair of Neurology. UChicago Medicine; James Nelson and Anna Louise Raymond Professor of Neurology



Dr. Sean P. Polster Assistant Professor of Neurological Surgery; Associate Director, Neurovascular Surgery Program, UChicago Medicine; Director, Skull Base and Neurovascular Laboratory



Organizing Committee



Diala Atassi, MBA Executive Director, International Programs UChicago Medicine





Dr. Ziad Abdulhak Director, Business development International Programs UChicago Medicine





James Bae Director, Business Development **International Programs** UChicago Medicine 100



Conference Objectives

- Gain a comprehensive understanding of the latest advancements in Neuroscience research and how they impact the field of Neurology and Neurosurgery in both adult and pediatric patients.
- Explore the diagnosis and treatment strategies for various neurological conditions and disorders in adults and pediatrics.
- Learn about emerging technologies and innovative approaches in Neurology and Neurosurgery.
- Understand the unique challenges and considerations in managing neurological conditions in pediatric patients.
- Discuss the latest research findings and evidence-based practices related to neurological care in both adult and pediatric populations.
- Enhance clinical decision-making skills through case-based discussions and interactive sessions that highlight best practices, treatment algorithms, and multidisciplinary approaches to complex neurological cases.
- Foster collaboration and networking opportunities among healthcare professionals, researchers, and experts in the field of Neuroscience, promoting the exchange of ideas and experiences to advance the understanding and management of neurological disorders.
- Gain insights into patient-centered care and the importance of incorporating patient perspectives, shared decision-making, and patient advocacy in the delivery of neurological services for both adults and pediatric populations.
- Explore the latest advancements in translational research, bridging the gap between basic neuroscience research and clinical applications, with a particular focus on potential therapeutic interventions and personalized medicine approaches.
- Acquire strategies for staying updated with the rapidly evolving field of Neuroscience, including continuous professional development, lifelong learning, and engagement in research and clinical trials.

Conference Highlights

- Epilepsy
- Stroke
- Movement disorders
- Neurodevelopmental disorders
- Neurodegenerative diseases
- Neuroimaging techniques
- Minimally invasive surgical procedure
- Complex neurological cases
- Neuromodulation therapies
- Developmental aspects
- Therapeutic interventions and
- Personalized medicine approaches
- Ethical considerations
- Multidisciplinary approaches
- Improving patient outcomes and quality of life

Target Audience

The University of Chicago Neuroscience Conference for Adults and Pediatrics aims to cater to a diverse audience of healthcare professionals involved in the care of adult and pediatric patients with neurological disorders. This includes physicians, surgeons, researchers, trainees, nurses, rehabilitation specialists, and individuals involved in healthcare administration and policy-making.

- Neurologists: Specialists in the diagnosis and treatment of neurological disorders in both adult and pediatric populations
- Neurosurgeons: Surgeons specializing in surgical interventions for neurological conditions in both adult and pediatric patients.
- Pediatricians: including general pediatricians, pediatric neurologists, and pediatricians with subspecialty interests such as developmental pediatrics and pediatric neurodevelopmental disorders.
- Pediatric Neurologists: Specialists focusing on the diagnosis and treatment of neurological disorders in pediatric patients.
- Neuroscientists
- Residents and Fellows
- Physiotherapists
- Rehabilitation Specialists
- Pharmacists
- Nurses
- Healthcare Administrators and Policy Makers
- Radiologists
- · Genetic counselors
- Psychologists
- Social workers
- Researchers and Academics

Key Features

- Comprehensive Program
- Renowned Faculty
- Regional and International Experts
- Interactive sessions
- Cutting-Edge Research
- Multidisciplinary Approach
- Case-Based Learning
- Latest Technological Advances
- Networking Opportunities
- Patient-Centered Care
- · Continuing Education Credits

University of Chicago Neuroscience Conference for Adults & Pediatrics

Agenda

Saturday, December 13, 2025

TIME	TOPIC	SPEAKERS
07:30-08:00	Registration	
08:00-08:30	Soft Opening & Welcome Speech - Introduction	Dr. Ziad Abdulhak, USA &
	About University of Chicago Medicine	Ms. Diala Atassi, USA
SESSION 1	Session Chai	r: Dr. Shyam Prabhakaran
08:30-08:50	The role of open aneurysm clipping in the endovascular era	Dr. Sean Polster
08:50-09:10	Innovations in Intrasaccular Aneurysm Treatment: Shaping the Future of Neurointervention	Dr. Tareq Kass-Hout
09:10-09:30	Intracranial occlusive cereprovascular disease management	Dr. Shyam Prabhakaran
09:30-09:50	Cavernoma and state of the art treatment paradigms	Dr. Issam Awad
09:50-10:10	Combo approach- Embo/Resection for fistulas	Dr. Bakhtiar Yamini Dr. Sean Polster
10:10-10:25	Q & A/ Panel discussion	
10:25-10:45	Official Inauguration	
10:45-11:00	Coffee Break Exhibition Visit & Networking	
0=001011		-
SESSION 2	Session Chai	r: Dr. Tareq Kass-Hout
11:00 - 11:20	Advanced surgical access to maximize tumor resection: endonasal and transorbital approaches	Dr. Sean Polster
11:20 - 11:40	Bridging Neurointervention and Oncology: Endovascular Solutions in Neuro-Oncology	Dr. Tareq Kass-Hout
11:40 - 12:00	Middle Meningeal Artery Embolization: A Paradigm Shift in Subdural Hematoma Management	Dr. Michael Hurley
12:00 - 12:20	Relieving the Pressure: The Promise and Practice of Venous Sinus Stenting in IIH	
12:20 - 12:35	Q & A/ Panel discussion	
12:35 - 13:30	Lunch Exhibition Visit & Networking	
SESSION 3	Session Chai	r: Dr. Sean Polster
13:30 - 13:50		Dr. David Satzer
13.30 - 13.30	VNS and Beyond - novel application in stroke and inflammation	Dr. David Satzer
13:50 - 14:10	Future of Computer Interface	Dr. Peter Warnke
14:10 - 14:30	TBD	
14:30 - 14:50	The future is now, ICH treatment goals to improve outcomes	Dr. Sean Polster
14:50 - 15:05	Q & A/ Panel discussion	
15:05 - 15:20	Coffee Break Exhibition Visit & Networking	
SESSION 4	Session Chai	r: Dr. Mohamad Bydon
15:20 - 15:40	The future of robotic spine surgery	Dr. Mohamad Bydon
15:40 - 16:00	Connectomics and laser ablation for seizure control	Dr. Peter Warnke
16:00 - 16:20	lateral spine surgery approaches	Dr. Edwin Ramos
16:20 - 16:20	Seeing Beneath the Surface: Vessel Wall Imaging in Neuroendovascular and Neurosurgical Practice	Dr. John Collins
16:40 - 17:00	Q & A/ Panel discussion	
17:00 - 17:30	Case presentations & discussions (3 cases)	
17:30	End of Conference	







CONFERENCE HIGHLIGHTS

- · Advances in targeted therapies for Blood Cancer.
- Immunotherapy approaches in Blood Cancer treatment.
- Gene editing and gene therapy techniques in the context of Blood Cancer.
- Molecular diagnostics and biomarkers for Blood Cancer.
- Precision medicine in the management of Blood Cancer.
- Updates in hematopoietic stem cell transplantation for Blood Cancer.
- Emerging trends in CAR-T cell therapy for hematologic malignancies.
- Pediatric Blood Cancer and Gene Therapy: Challenges and breakthroughs.
- Ethical considerations and regulatory frameworks in gene therapy research.
- Integrating genomic data and precision oncology in Blood Cancer treatment.

WHY DELEGATES ATTEND THIS CONFERENCE

89%	91%	92%	96%
Keep up to date to the latest trend on Oncology	of the delegates rated the speakers as excellent	Meet industry colleagues	Establish new contacts and collaborations

DELEGATES FEEDBACK

92%	90%	88%	95%	
of the delegates attended the conference to learn about the latest advancements in Oncology	of the delegates said the subjects covered within the agenda were excellent	of the delegates said that they will attend the conference again in 2025	of the delegates attended to earn CME credits to renew their professional licenses	











2024 UCHIC CONFERENCE GLIMPSE







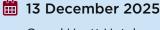








University of Chicago Neuroscience Conference for Adults & Pediatrics



Grand Hyatt Hotel Abu Dhabi, UAE

HOW TO REGISTER

www.mena.events/uchic-ncap

C Tel.: +971 24 919 888

Personal [Details				
Full Name:					
Job Title:					
Place of Wo	ork:				
City:					
Mobile:			Tel (work):		
Email:					
Yes. I wou	☐ Yes, I would like to receive information on future events by e-mail. ☐ I do not want my address to appear on the delegates list.				
					The state of the s
D					
Registrati	on Fees				
Please select the	e conference	that is relevant to y	our speciality.	*Additional 5% VA	T will be Applicable on all Fees
REGISTRATION	CATEGORY	Physical	Virtual		ail will be sent upon receipt of your registration form. full payment must be received prior to the event.
Doctors		\$ 100 (AED 368)	\$ 75 (AED 276)	Payment can be made via Online / Credit card / Cheque/Bank drafts AED. All payment should be in favour of Mena Conference	
☐ Non-Doctors	S	\$ 75 (AED 276)	\$ 50 (AED 185)		
Payments				Organizin	g Office
Please choose	one of the f	ollowing mode of pa	ayment	ت ذ.م.م.	شركة الشرق الأوسط وشمال افريقيا للمؤتمرا
By Online (www.menaconference.com)			CONFERENCE		
By cheque payable to Middle East North Africa Conference Company		MENA CONFERENCE			
By Credit card By Bank Transfer		Middle East North Africa Conference Company LLC			
BANK TRANSFER		www.menaconference.com			
Account Name	MIDDLE EA	ST NORTH AFRICA	CONFERENCE	For registration and further information, please contact	
Bank Name	BANK OF B	ARODA, HAMDAN ST	REET, ABU DHABI	r or regio	
Bank Account No.	900202000	006131		Ms. Fritzi &	Tel: +971 2 4919888 Mob.: +971 54 583 0205
Swift Code	BARBAEAD	ADH		Ms. Maica	Email: fritzi@menaconference.com
Ihan No	ΔF2901100	190020200006131			

Cancellation / Substitution Policy

If you are unable to attend, a substitute delegate will be very welcome in your place. If this is not suitable, a 20% administration fee will apply. Registrations cancelled less than two weeks before the event are non refundable.

Event Venue



Grand Hyatt Hotel Abu Dhabi, UAE



University of Chicago Neuroscience Conference for Adults & Pediatrics

13 December 2025





Managed by

سرحة السرق الأوسط وسمنال القريقينا للمتوتمرات د.م.م.

Middle Fast North Africa Conference Company LLC

For registration & further information, please contact Ms. Fritzi

Tel: +971 2 4919888, Mobile: +971 54 583 0205

Email: fritzi@menaconference.com