

University of Chicago Neuroscience Conference for Adults & Pediatrics



13 December 2025



Grand Hyatt Hotel,
Abu Dhabi UAE



CME Accreditation is in Process



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

Scientific Committee



Dr. Mohamad Bydon
Chair of Neurological Surgery,
UChicago Medicine;
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Wallman Society of Fellows of Neurological
Surgery



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



Dr. Tareq Kass-Hout
Associate Professor of Neurology
Co-Director, Neuroendovascular Surgery,
UChicago Medicine



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



Organizing Committee



Dila 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



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 neuro-developmental 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

Agenda

Saturday, December 13, 2025

TIME	TOPIC	SPEAKERS
07:30-08:00	Registration	
08:00-08:30	Soft Opening & Welcome Speech - Introduction About University of Chicago Medicine	Dr. Ziad Abdulhak, USA & Ms. Diala Atassi, USA
SESSION 1		Session Chair: 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 Intracranial Aneurysm Treatment: Shaping the Future of Neurointervention	Dr. Tareq Kass-Hout
09:10-09:30	Intracranial occlusive cerebrovascular 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	
SESSION 2		Session Chair: 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 Chair: Dr. Sean Polster
13:30 - 13:50	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 Chair: 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	

University of Chicago Blood Cancer and Gene Therapy Conference

28th September 2024, Rosewood Hotel, Abu Dhabi, UAE

Physical: 276
Virtual: 145

421
Total
Delegates

14
Speakers

16
Lectures

7
DOH CME

7
European
CME

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%

Keep up to date to the latest
trend on Oncology

91%

of the delegates rated
the speakers as excellent

92%

Meet industry
colleagues

96%

Establish new contacts
and collaborations

DELEGATES FEEDBACK

92%

of the delegates attended the
conference to learn about the
latest advancements in
Oncology

90%

of the delegates said the
subjects covered within the
agenda were excellent

88%

of the delegates said
that they will attend the
conference again in 2025

95%

of the delegates attended
to earn CME credits to renew
their professional licenses

2024 UCHIC CONFERENCE GLIMPSE



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Abu Dhabi, UAE

HOW TO REGISTER

www.mena.events/uchic-ncap
Tel.: +971 24 919 888

Personal Details

Full Name:

Job Title:

Place of Work:

City:

Mobile:

Tel (work):

Email:

Fax:

☐ 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.

Registration Fees

Please select the conference that is relevant to your speciality.

REGISTRATION CATEGORY	Physical	Virtual
<input type="checkbox"/> Doctors	\$ 100 (AED 368)	\$ 75 (AED 276)
<input type="checkbox"/> Non-Doctors	\$ 75 (AED 276)	\$ 50 (AED 185)

*Additional 5% VAT will be Applicable on all Fees

A confirmation email will be sent upon receipt of your registration form. Please note that full payment must be received prior to the event. Payment can be made via Online / Credit card / Cheque/Bank drafts in AED. All payment should be in favour of Mena Conference

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Organizing Office

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Middle East North Africa Conference Company LLC

www.menaconference.com

For registration and further information, please contact

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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

The organizing committee reserve the right to make any modifications to the programme in occurrence of any unforeseen circumstances.

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Managed by

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