HOUSTON Methodist LEADING MEDICINE

17th Annual Advances in Neurology
Hybrid Symposium
Friday, September 13th – Saturday, September 14th, 2024

AGENDA

Friday, September 13, 2024		
Time	**Topic**	**Speaker(s)**
7:00 AM	Registration and Breakfast	
8:00 AM	Welcome and Introductions	Rajan R. Gadhia, MD Eugene C. Lai, MD, PhD
8:05 AM	Use of Advanced Imaging and Techniques in Spinal Surgery	Meng Huang, MD
8:55 AM	Question and Answer Discussion	
9:00 AM	Latest and Greatest in the world of Cell-Based Therapies for Neuromuscular Diseases	Bing Liao, MD
9:50 AM	Question and Answer Discussion	
9:55 AM	**Break and Exhibits**	
10:15 AM	Innovations and Advances in Neurocritical Care	Kevin Immanuel, MD
11:05 AM	Question and Answer Discussion	
11:10 AM	Advanced Diagnostics and Therapeutics for Alzheimer's disease	Joseph C. Masdeu, MD, PhD
12:00 PM	Question and Answer Discussion	
12:05 PM	**Lunch and Exhibits**	
1:05 PM	Announcements and Introductions	Rajan R. Gadhia, MD Eugene C. Lai, MD, PhD
1:10 PM	Advances in Management of Restless Legs Syndrome	William Ondo, MD
2:00 PM	Question and Answer Discussion	
2:05 PM	Advances in the Diagnosis and Management of Parkinson's Disease	Andrew Billnitzer, MD
2:55 PM	Question and Answer Discussion	
3:00 PM	**Break and Exhibits**	
3:20 PM	Advanced Brain Tumor Imaging	Vince Kumar, MD
4:10 PM	Question and Answer Discussion	
4:15 PM	Advances in Neurological Stroke Recovery and Neuromodulation	Timea Hodics, MD
5:05 PM	Question and Answer Discussion	
5:10 PM	**Adjournment**	

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Saturday, September 14, 2024		
Time	**Topic**	**Speaker(s)**
7:00 AM	Registration and Breakfast	
8:00 AM	Welcome and Introductions	Rajan R. Gadhia, MD Eugene C. Lai, MD, PhD
8:05 AM	Advances in Diagnostics and Therapeutics of Myasthenia Gravis	Ericka Greene, MD
8:55 AM	Question and Answer Discussion	
9:00 AM	Use of Advanced Imaging and AI in Diagnosis and Treatment of Multiple Sclerosis	Abdul R. Alchaki, MD
9:50 AM	Question and Answer Discussion	
9:55 AM	**Break and Exhibits**	
10:15 AM	Use of Advanced Imaging and AI in Diagnosis and Management of Epilepsy	Amit Verma, MD
11:05 AM	Question and Answer Discussion	
11:10 AM	Advances in Diagnosis and Management of Pediatric Dysautonomia	Ian Butler, MD
12:00 PM	Question and Answer Discussion	
12:05 PM	**Lunch and Exhibits**	
1:05 PM	Announcements and Introductions	Rajan R. Gadhia, MD Eugene C. Lai, MD, PhD
1:10 PM	Advances in the management of Intracerebral hemorrhage	Kurt Yaeger, MD
2:00 PM	Question and Answer Discussion	
2:05 PM	Use of Advanced Imaging and AI in Diagnosis and Management of Acute Stroke	John Volpi, MD
2:55 PM	Question and Answer Discussion	
3:00 PM	**Break and Exhibits**	
3:20 PM	Advances in Diagnosis and Management of Headaches	Stacy Smith, MD
4:10 PM	Question and Answer Discussion	
4:15 PM	Five Meds That Can Blind You	Andrew Lee, MD
5:05 PM	Question and Answer Discussion	
5:10 PM	**Adjournment**	

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COURSE DIRECTORS

Rajan R. Gadhia, MD
Vascular Neurologist
Associate Professor of Clinical Neurology, Houston Methodist Academic Institute
Associate Clinical Member, Houston Methodist Research Institute
PD Vascular Neurology Fellowship Program; APD Neurology Residency
Medical Director, HM Acute TeleNeurology, HM Concussion Center
Eddy Scurlock Stroke Center
Stanley H. Appel Department of Neurology
Weill Cornell Medical College

Eugene C. Lai, MD, PhD
Robert W. Hervey Chair for Parkinson's Research and Treatment,
Stanley H. Appel Department of Neurology
Professor of Neurology and Neuroscience, Institute for Academic Medicine
Full Clinical Member, Research Institute
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GUEST FACULTY

Ian J. Butler, MD
Pediatric Neurology
Professor, McGovern Medical School
UTHealth

Vince Kumar, MD
Professor, Department of Neuroradiology
Division of Diagnostic Imaging
MD Anderson Cancer Center

HOUSTON METHODIST FACULTY

Abdul Alchaki, MD
Director, Multiple Sclerosis and Neuroimmunology Clinic
Stanley H. Appel Department of Neurology
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Andrew Billnitzer, MD
Assistant Professor of Clinical Neurology, Academic Institute
Assistant Clinical Member, Research Institute
Houston Methodist
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Ericka P. Greene, MD, MACM
The Sumner Family Distinguished Chair in Neuromuscular Diseases
Vice Chair of Education, Neurology Training Programs
Professor of Clinical Neurology
Stanley H. Appel Department of Neurology
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Timea M. Hodics, MD
Clinical Scholars Awardee
Department of Neurosurgery
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Meng Huang, MD
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Assistant Clinical Member, Research Institute
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Kevin Immanuel, MD
Critical Care Medicine
Houston Methodist

Andrew G. Lee, MD
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Professor of Ophthalmology, Neurology, and Neurosurgery, Academic Institute
Full Clinical Member, Research Institute
Chair, Department of Ophthalmology-Blanton Eye Institute
Houston Methodist

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Assistant Clinical Member, Research Institute
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Joseph C. Masdeu, MD, PhD
Graham Family Distinguished Chair for Neurological Sciences, Stanley H. Appel Department of Neurology
Professor of Neurology, Academic Institute
Full Member, Research Institute
Director, Nantz National Alzheimer Center
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Houston Methodist
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John J. Volpi, MD
Associate Professor of Clinical Neurology, Academic Institute
Assistant Member, Research Institute
The Elkins Family Distinguished Centennial Chair in Neurology, Houston Methodist
Weill Cornell Medical College

Kurt Yaeger, MD
Assistant Professor of Neurosurgery, Academic Institute
Assistant Clinical Member, Research Institute
Houston Methodist
Weill Cornell Medical College

PROGRAM OVERVIEW

There have been significant advances in the diagnosis and treatment of many neurological diseases. Attempts to cover these scientific advances have been made through peer-reviewed journals, national and international society meetings, and consensus statements. This program will emphasize evidence-based strategy for the current treatment of neurological disorders and cutting-edge research in novel therapeutics.

TARGET AUDIENCE

This conference is designed for physicians, nurses, nurse practitioners, physician assistants, physical therapists, occupational therapists, speech-language therapists and residents/fellows in the neurological sciences will benefit from this course.

EDUCATIONAL OBJECTIVES

At the end of this activity, the participant should be able to:

- Apply new medical and surgical therapies for the treatment of neurological diseases
- Discuss new and future therapies for stroke, epilepsy, demyelinating diseases, headaches, Parkinson's disease, and neuromuscular diseases
- Describe the diagnosis and treatment of dementias, vestibular dysfunction, stroke, and complex headache presentations

NURSING LEARNING OUTCOMES

After participating in this activity, Registered Nurses are expected to self-report a heightened understanding of advancements in neurology, encompassing aspects such as new diagnostic testing, new technology, and treatment options, as indicated in the post-activity evaluation tool.

EDUCATIONAL METHODS

Didactic Lectures

ACCREDITATION AND CREDIT DESIGNATION STATEMENTS

Physicians

Houston Methodist is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Houston Methodist designates this live activity for a maximum of 14.75 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing

Houston Methodist is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.

Houston Methodist will award up to 14.75 nursing professional development contact hours for this activity. Participants must attend one or both entire days of the activity and complete the evaluation.

Occupational Therapists
This activity has been approved by the Texas Board of Occupational Therapy Examiners for 14.75 CEUs for OTs and OTAs.

Physical Therapists
This activity has been approved by the Texas Board of Physical Therapy Examiners for 14.75 CCUs for PTs and PTAs

Social Workers
Houston Methodist Hospital designates this activity for 14.75 hours Social Work CEUs. This offering complies with section 781.501 of the rules of The Texas State Board of Social Work Examiners.

Speech-Language Pathologists
This activity has been approved by the Texas Speech-Language-Hearing Association for 15.0 CEUs.

ASET – The Neurodiagnostic Society
This activity is approved for 15.0 ASET Continuing Education credits.

HOW TO RECEIVE YOUR CERTIFICATE

Physicians/OT/PT/SLP
An email will be sent from learn@houstonmethodist.org with the necessary link to evaluate the activity. You will be prompted to print/download your certificate in PDF format once you have submitted your evaluation.

Nurses
To be awarded up to 14.75.0 contact hours for this continuing education activity, the participant must:

- Be sure to check in and complete the sign in process each day.
- Attend each session in its entirety (Contact hours are awarded only for full day attendance)
- Complete the evaluation tool. An email will be sent from learn@houstonmethodist.org with the necessary link to evaluate the activity. You will be emailed a link to print/download your certificate in PDF format within one week of completing your evaluation.

Social Workers
To be awarded up to 14.75 contact hours for this continuing education activity, the participant must:

- Be sure to check in and complete the sign in process each day.
- Attend each session in its entirety (Contact hours are awarded only for full day attendance)
- Complete the evaluation tool. An email will be sent from learn@houstonmethodist.org with the necessary link to evaluate the activity. You will be emailed a link to print/download your certificate in PDF format within one week of completing your evaluation.

ASET
To be awarded up to 15.0 contact hours for this continuing education activity, the participant must complete their evaluation and enter in their ASET ID # on the evaluation tool. This information will be sent directly to ASET and recorded as CEU credit.

DISCLAIMER AND DISCLOSURES

Houston Methodist makes every effort to develop continuing education activities that are scientifically based, accurate, current, and objectively presented. In accordance with the Accreditation Council for Continuing Medical Education (ACCME) Standards for Integrity and Independence in Accredited Continuing Education and American Nurse Credentialing Center (ANCC), Houston Methodist has implemented a mechanism requiring everyone in a position to control content of an educational activity (e.g., directors, planning committee members, contributors, peer

reviewers, etc.) to disclose all financial relationships with ineligible companies (companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients) and mitigate any relevant financial relationships prior to the activity. Individuals must disclose to participants the existence of financial relationships at the time of the activity and 24 months prior.

Houston Methodist does not view the existence of interests or relationships with ineligible companies as implying bias or decreasing the value of a presentation. It is up to the participants to determine whether the interests or relationships influence the presenter with regard to exposition or conclusions.

In addition, if contributors will be discussing products (drugs/devices) they have been instructed to use generic names and to include various products within and across classes. If at any time during this activity you feel that there has been commercial or promotional bias, please notify the CE coordinator for the activity and note your comments by using the commercial bias comments box in the evaluation form. Please answer the question about balance in the CE activity evaluation candidly.

Some drugs/devices identified during this activity may have United States Food and Drug Administration (FDA) clearance for specific purposes only or for use in restricted research settings. The FDA has stated that it is the responsibility of the individual physician to determine the FDA status of each drug or device that he/she wishes to use in clinical practice and to use the products in compliance with applicable law.

Faculty members are also asked to disclose any unlabeled use or investigational use (not yet approved for any purpose) or pharmaceutical and medical device products and provide adequate scientific and clinical justification for such use. Physicians are urged to fully review all the available data on products or procedures before using them to treat patients.

All the relevant financial relationships listed for these individuals have been mitigated.

Name	Role	Relevant Financial Relationship(s)
Abdul Alchaki, MD	Speaker	Expert consultant - Amgen
Meng Huang, MD	Speaker	Consultant - Joimax GMBH Instructor - Joimax GMBH
Bing Liao, MD, MSc	Speaker	Advisory board - Argenx
William Ondo, MD	Speaker	Consultant - TEVA, US World Meds, Amneal, ACADIA, Jazz, Emalex Speaker - TEVA, US World Meds, Amneal, ACADIA
Stacy Smith, MD	Speaker	Consultant - Global Medical Response/ American Medical Response Speaker - Pfizer Research contract - Novartis
John Volpi, MD	Speaker	Speakers' bureau - Janssen, Amgen Lecturer - Novasignal Research - WL Gore
Andrew Lee, MD	Speaker	Speaker - Amgen, Alexion Advisory board - Stoke, AstraZeneca, Brisol Meyers Squibb
Joseph Masdeu, MD	Speaker	Speaker - Eli Lilly Advisory board - Eli Lilly

All other individuals in control of the content of this activity have no relevant financial relationships with ineligible companies to disclose.

EXHIBITORS

We gratefully acknowledge the following companies for participating as exhibitors at this activity:

Acadia

Alexion

Amgen

Argenx

AstraZeneca

Biogen

Catalyst

Eisai

Genentech

KabaFusion

Kroger Specialty Infusion

MT Pharma

Novartis

Otsuka

Pfizer

Sandoz

SK Life Science

Takeda

UCB