

***5<sup>th</sup> Annual New Jersey  
Neurovascular & Neurosciences Symposium***

Thursday, November 3, 2022  
DoubleTree by Hilton - Cherry Hill

# **CE SYLLABUS**

*Presented by:*  
Vickie & Jack Farber Institute for Neuroscience  
at Jefferson Health

&

Office of Continuing Professional Development  
at Thomas Jefferson University

## **COURSE OVERVIEW**

The 5<sup>th</sup> Annual New Jersey Neurovascular and Neurosciences Symposium provides the latest updates on topics in neuroscience including stroke, neuroimaging, multiple sclerosis, migraine and more. Join expert faculty as they discuss innovations in preventing, treating and managing neurological conditions.

## **LEARNING OBJECTIVES**

At the conclusion of this course, participants should be able to:

- Identify recent advances and developments in endovascular radiographic diagnostic imaging
- Appraise new technical advancements in stroke functional recovery
- Evaluate latest consensus on the approach to Basilar artery stroke
- Discuss system quality improvement processes utilized in neurosurgery
- Assess latest guidelines in the approach to dizziness
- Explain the secondary health impact of COVID-19 on the neurologic system
- Identify new innovative endovascular surgical techniques and their application to the treatment of numerous cerebral vascular disorders
- Evaluate most recent clinical trials regarding intracerebral hemorrhage management
- Examine various neuroimaging methodologies available and applied in stroke care
- Apply new diagnostic tools in the treatment of stroke
- Apply new knowledge gained to improve the treatment of and outcomes for patients with neurologic disorders

## **ACCREDITATION INFORMATION**



JOINTLY ACCREDITED PROVIDER™  
INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, Thomas Jefferson University is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

### **Designation of Credit**

**PHYSICIANS:** This educational activity is designated for a maximum of **7.00 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The content for this activity qualifies for **2.00 PA Patient Safety and Risk credits**.

**NURSES:** This activity awards **7.00 nursing contact hours**.

The content for this activity qualifies for **4.50 nursing pharmacotherapeutic credits**.

**OTHER HEALTHCARE PROFESSIONALS:** This educational activity is designated for **7.00 AMA PRA Category 1 Credits™**. Participants should claim only the credit commensurate with the extent of their participation in the activity.

## **SUCCESSFUL COMPLETION & EVALUATION**

Participants who registered for CE credit are required to complete a CE evaluation online as part of the education activity.

Attendees must complete their evaluations within 30 days in order to receive credit. Thereafter, no credits will be awarded and no refunds will be issued.

**DUE:** Saturday, December 3, 2022.

**To complete the online CE evaluation, please follow these steps:**

1. Go to: <https://jefferson.cloud-cme.com/cme/EvalsAndCerts?P=200> and click “Sign In”
2. After you are logged in, click “Complete Evaluation” next to the name of the course
3. Upon completion, you will be able to download your CE certificate.

Jefferson strives to offer effective educational activities that meet the needs of healthcare professionals. To help determine if the activity has made a change to your competence or performance, a subsequent evaluation will be sent approximately 3 months and 6 months from the date of the activity. We know your time is valuable so the evaluation will be brief. Thank you in advance for your participation and feedback.

## **CE CERTIFICATES**

You will be able to find a transcript of all your Jefferson-sponsored CE activities online at <https://jefferson.cloud-cme.com>. Please login to your account and click “My CME.”

If you have any questions, please contact the Jefferson Office of CPD at 1-877-JEFF-CPD or [jeffersoncpd@jefferson.edu](mailto:jeffersoncpd@jefferson.edu).

## **CODE OF CONDUCT**

Unauthorized recording or photography at a Jefferson-sponsored event is strictly prohibited. Individuals found violating this policy will be asked to leave. No credits or refund will be issued.

### JEFFERSON CO-DIRECTORS

<p><b>Hekmat Zarzour, MD</b> Division Chief of Neurosurgery, Jefferson New Jersey Assistant Professor of Neurological Surgery Vickie and Jack Farber Institute for Neuroscience Sidney Kimmel Medical College at Thomas Jefferson University</p>	<p><b>David Roshal, DO, DABPN</b> Medical Director of Stroke Services Jefferson Health New Jersey Clinical Assistant Professor Director of the Clinical Neurology Module Rowan University School of Osteopathic Medicine</p>
--	--

### NURSE EDUCATION PLANNERS

<p><b>Mary Ledwith, RN, MSN, BC-NE</b> Corporate Director of Neuroscience Jefferson Health New Jersey</p>	<p><b>Patricia Hogan, CCRN, APN-BC</b> APN Neurosurgery Specialist</p>
<p><b>Cheryl Griffith, MSN,SCRN</b> Stroke Program Director Jefferson Health - Washington Township</p>	<p><b>Dana Byrd, MSN, CCRN</b> Coordinator of Stroke Program, Neurosurgery Jefferson Health - Washington Township</p>

### JEFFERSON FACULTY

<p><b>Nicholas DePace, MD, FACC</b> Noninvasive Cardiologist Franklin Cardiovascular Associates, PA</p>	<p><b>Scott Faro, MD</b> Professor of Radiology Director, Division of Neuroradiology Head &amp; Neck Imaging Sidney Kimmel Medical College at Thomas Jefferson University</p>
<p><b>Michael Reid Gooch, MD, FAANS</b> Assistant Professor of Neurological Surgery Sidney Kimmel Medical College at Thomas Jefferson University</p>	<p><b>Thomas Leist, MD, PhD</b> Professor of Neurology Chief, Division of Clinical Neuroimmunology Director, Comprehensive Multiple Sclerosis Center Sidney Kimmel Medical College at Thomas Jefferson University</p>
<p><b>Pascal M. Jabbour, MD</b> The Angela and Richard T. Clark Distinguished Professor of Neurological Surgery Division Chief, Neurovascular Surgery &amp; Endovascular Neurosurgery</p>	<p><b>Michael Marmura, MD</b> Associate Professor of Neurology Co-Director, Jefferson Headache Center Sidney Kimmel Medical College at Thomas Jefferson University</p>
<p><b>Richard F. Schmidt, MD</b> Clinical Assistant Professor of Neurological Surgery Sidney Kimmel Medical College at Thomas Jefferson University</p>	<p><b>Mijail Serruya, MD, PhD</b> Assistant Professor of Neurology Co-Director, Center for Neurorestoration Sidney Kimmel Medical College at Thomas Jefferson University</p>
<p><b>Stavropoula Tjoumakaris, MD</b> Professor of Neurological Surgery Director, Endovascular Surgery &amp; Cerebrovascular Neurosurgery Fellowship Director of Neurosurgery Clerkship Program Sidney Kimmel Medical College at Thomas Jefferson University</p>	<p><b>Thomas Wetjen, DO</b> Medical Director, Emergency Medicine Jefferson Stratford Hospital</p>
<p><b>Robert C. Sergott, MD</b> Professor of Ophthalmology, Neurology, and Neurosurgery Sidney Kimmel Medical College at Thomas Jefferson University Chief, Neuro-Ophthalmology Service, Wills Eye Hospital</p>	

## **DISCLOSURES OF FINANCIAL RELATIONSHIPS**

Thomas Jefferson University endorses the ACCME Standards for Integrity and Independence in Accredited Continuing Education and the policies that supplement the Standards. All planners, faculty, authors, presenters, and content reviewers are required to disclose any financial relationships with ACCME defined ineligible entities within the past 24 months. Any conflict of interests have been mitigated prior to the educational activity.

### **Planning Committee**

The following planning committee member(s) have no financial relationships to disclose.

### **Faculty**

The following faculty have no financial relationships to disclose.

- Scott Faro, MD
- Nicholas DePace, MD, FACC
- Robert Sergott, MD
- Mijail Serruya, MD
- Thomas Wetjen, DO
- Richard Schmidt, MD
- David Roshal, DO, DABPN
- Hekmat Zarzour, MD

The following faculty have financial relationships to disclose.

#### **Michael Reid Gooch, MD, FAANS**

Consultant: Stryker

#### **Pascal M. Jabbour, MD**

Consultant: Medtronic

#### **Thomas Leist, MD, PhD**

Consultant: Genentech, Biogen, Biogen Honoraria, Sanofi S.A, Novartis Corporation Pharmaceuticals, Horizon Pharmaceuticals, Janssen.

#### **Michael Marmura, MD**

Speakers Bureau: Lilly

Grant or Research Support: AbbVie, Teva Pharmaceuticals Industries

Advisor: Theranica

#### **Stavropoula Tjoumakaris, MD**

Consultant: MicroVenton

### **Off-Label/Investigational Use**

All faculty/presenters/authors at Thomas Jefferson University sponsored events are required to disclose whether or not their content contains information of commercial products/devices that are unlabeled for use or investigational uses of products not yet approved. Product(s) is/are not included in the labeling approved by the U.S. FDA for the treatment of disease(s).

### **Content Disclaimer**

The views expressed in this activity are those of the faculty. It should not be inferred or assumed that they are expressing the views of any manufacturer of pharmaceuticals or devices or Thomas Jefferson University.

It should be noted that the recommendations made herein with regard to the use of therapeutic agents, varying disease states, and assessments of risk, are based upon a combination of clinical trials, current guidelines, and the clinical practice experience of the participating presenters. The drug selection and dosage information presented in this activity are believed to be accurate. However, participants are urged to consult all available data on products and procedures before using them in clinical practice.

*As of 11/01/2022 - Updates will be noted during the conference*

***This educational activity is supported by  
independent medical education grants from:***

**Chiesi USA, Inc.  
Medtronic**

---

## **THANK YOU TO OUR EXHIBITORS!**

### **SILVER EXHIBITORS**

Medtronic

### **BRONZE EXHIBITORS**

AbbVie

Allaire Rehab and Nursing

Brain Cool, Inc.

Catalyst Pharmaceuticals

CERENOVUS

Comprehensive Surgical Technologies, LLC

Genentech

Medtronic

MicroVention

Stryker Neurovascular

### **EXHIBITORS**

Magee Rehabilitation Hospital - Jefferson Health

Microtransponder

Penumbra, Inc.

Q'apel Medical, Inc.

## **Upcoming Jefferson CE Programs**

- **Advances in Integrative Nutrition | Virtual Meeting | Thursday-Saturday, November 10-12, 2022**
- **34<sup>th</sup> Annual Pan Philadelphia Neurosurgery Conference | Union League | Philadelphia, PA - Friday, December 2, 2022**
- **Wills Eye & Thomas Jefferson University Hospitals Orbital Tumor Symposium | Virtual Meeting | Friday, December 9, 2022**
- **50<sup>th</sup> Annual Course in Electrodiagnostic Medicine | Virtual Meeting | Thursday-Friday, February 2-3, 2023**
- **12<sup>th</sup> Annual Jefferson Neurocritical Care Symposium | Friday-Saturday, February 3-4, 2023**
- **5<sup>th</sup> Annual Jefferson Women and Gastroenterology Health Symposium | Hybrid Meeting | Philadelphia, PA - Friday, February 24, 2023**
- **11<sup>th</sup> Annual Lung Cancer Symposium | The Bellevue Hotel | Philadelphia, PA- Thursday-Friday, March 2-3, 2023**
- **22<sup>nd</sup> Annual Cerebrovascular Update | The Bellevue Hotel | Philadelphia, PA Thursday-Friday, March 16-17, 2023**



In support of improving patient care, Thomas Jefferson University is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

For more information, please visit <https://jefferson.cloud-cme.com> or contact the Office of CPD at [JeffersonCPD@jefferson.edu](mailto:JeffersonCPD@jefferson.edu) or 877-JEFF-CPD (877-533-3273).