

## 2021 Global Neurosurgery Lyceum Series

**THURSDAY,  
MAY 20TH 2021**

**6:30AM - 5:00PM**

**Virtual Event**  
**Stroke &  
Neurovascular  
Symposium**



**Featuring presentations by multiple internationally renowned speakers**

**To Register:**

<https://rutgers.cloud-cme.com/2021NeurovascularSymposium>

**Jointly Provided by:**

Rutgers Biomedical and Health Sciences and RWJBarnabas Health

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HEALTH

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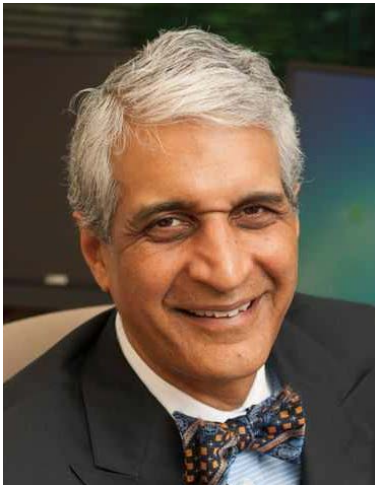




# Director's Message

**Stroke and Neurovascular Symposium**  
**2021 Global Neurosurgery Lyceum Series**

## Welcome to our Stroke and Neurovascular Symposium



**Anil Nanda, MD, MPH, FACS**

Greetings to everyone from New Jersey! It is with great pleasure that I welcome you to the Stroke and Neurovascular Symposium, part of our 2021 Global Neurosurgery Lyceum Series. The Department of Neurosurgery at the Robert Wood Johnson Medical School and New Jersey Medical School, as well RWJ Barnabas Health, will be sponsoring this event.

This is the first of four meetings that we are hosting this year, with our Global Neurosurgical Update & Educational Summit, Spine Symposium and Brain Tumor Symposium to follow. In a post-COVID era when the world has truly turned flat, we are delighted to host these virtual meetings and have a galaxy of international superstars speaking on various topics in cardiovascular and stroke.

We hope you will join us for this important virtual event on May 20th, and look forward to everyone's participation. If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Anil Nanda". The signature is stylized with a long, sweeping underline.

Anil Nanda, MD, MPH, FACS  
Professor and Chairman, Department of Neurosurgery  
Rutgers-New Jersey Medical School & Robert Wood Johnson Medical School  
Peter W. Carmel M.D. Endowed Chair of Neurological Surgery  
Senior Vice President of Neurosurgical Services, RWJBarnabas Health

# Welcome To The Stroke & Neurovascular Symposium

## 2021 Global Neurosurgery Lyceum Series

### Overview

This activity is designed to provide neurosurgeons, neurologists, physicians and allied healthcare professionals with a comprehensive overview of the current and emerging cutting-edge management strategies for cerebrovascular diseases and stroke, delivered by internationally renowned neurosurgeons, neurologists, and researchers.

Cerebrovascular disease is a leading cause of serious long-term disability, and the second leading cause of death worldwide. Although the field of stroke and neurovascular care has brought advances toward improving outcomes for patients who are neurocritically ill, in many instances especially, functional outcomes remain poor. Studies have suggested that previous declines in cerebrovascular disease mortality and hospitalization rates have stalled, and that mortality from cerebrovascular disease is increasing significantly among younger adults. These reasons include patient-related factors (e.g., development of new health problems, deterioration of overall health status, or complications from stroke), health system factors (e.g., poor discharge planning and care coordination), and environmental factors (e.g., limited access to care).

This symposium is dedicated to endovascular, neurosurgical, and neurological education, and will cover emerging trends in stroke, neurovascular surgery, neuro-intervention, and neurocritical care. The symposium will emphasize on disseminating the advances in the field of stroke, aneurysm and other neurovascular disorders management, thereby improving the care, better recognition, and timely referral and intervention to prevent secondary brain injury. The examination of health care delivery, management strategies, and identification of individual thresholds by means of advanced technology, all play important roles in how neurovascular care will be presented. Neurovascular care and research are a multidisciplinary and multi-professional effort, and neurosurgeons, and neurologists are tasked to lead this effort to further advance the field.

### Target Audience

This activity is designed for physicians, surgeons and allied healthcare professionals involved in the diagnosis, management, and treatment of patients with neurovascular diseases, disorders and emergencies.

### Learning Objectives

Upon completion of this activity, participants should be better able to:

- Assess the latest evidence-based treatment approaches for neurovascular diseases, disorders and emergencies
- Discuss the latest advances in neurovascular imaging, endovascular innovations, and stroke care
- Describe the emerging research in neurological and neurosurgical emergencies
- Evaluate the clinical efficacy and safety of therapeutic options for managing neurovascular diseases, disorders and emergencies
- Review the latest guidelines on for neurovascular diseases, disorders and emergencies

### Accreditation



In support of improving patient care, this activity has been planned and implemented by Rutgers Biomedical and Health Sciences and RWJ Barnabas Health. Rutgers Biomedical and Health Sciences 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.

**Physicians:** Rutgers Biomedical and Health Sciences designates this live activity for a maximum of 9 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Nurses:** This activity is awarded 9 contact hours. (60 minute CH). Nurses should only claim those contact hours actually spent participating in the activity.



**Physician Assistants:** Rutgers Biomedical and Health Sciences has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 9 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

### Method of Participation

In order to meet the learning objectives and receive continuing education credits, participants are expected to formally register for the activity, watch the webcast and complete an online evaluation form at the conclusion of the activity. A letter certifying attendance and credit verification will be emailed to participants upon completion of the online evaluation survey.



#### Virtual Exhibit Hall 06.30am - 06.50am

##### Session 1: Vascular Medley Moderators: Hai Sun, Priyank Khandelwal, Sid Roychowdhury

TOPIC	Speaker	Time
The natural history and medical management of Carotid stenosis	Seemant Chaturvedi	07.00AM-07.15AM
Controversies in management of high grade asymptomatic carotid stenosis and carotid artery surgery	John A. Wilson	07.15AM-07.30AM
The flow remodeling concept in the endovascular aneurysm treatment: Why should we need a new understanding for aneurysm occlusion in 2021?	Saruhan Cekirge	07.30AM-07.45AM
EC/IC bypass- indications, techniques, and complications- Chinese experience	Bin Xu	07.45AM-08.00AM
Next generation open vascular neurosurgery - Exoscopes and Giant Aneurysms	David J. Langer	08.00AM-08.15AM
Dural AV fistulas- an Update	Adam S. Arthur	08.15AM-08.30AM
New Frontiers in Endovascular Therapy of Stroke	Alexander A. Khalessi	08.30AM-08.45AM

##### Plenary Session Moderators: Anil Nanda, Hai Sun, Gaurav Gupta

TOPIC	Speaker	Time
Stroke and Neurovascular disease: Quo Vadis	Anil Nanda	08.45AM-09.05AM
Management of Brain Stem Cavernous Malformations	Robert F. Spetzler	09.05AM-09.25AM
Indirect Cerebral revascularization for Moya-Moya disease	Basant K. Misra	09.25AM-09.40AM
Natural history and patient selection for the surgical management of unruptured aneurysms	Brian Hoh	09.40AM-09.55AM
Revascularization of intracranial stenosis/occlusive disease: What has changed after COSS trial	Sepideh Amin-Hanjani	09.55AM-10.10AM

#### Break 10.10AM-10.40AM

##### Debates Moderators: Gaurav Gupta, Amit Singla

TOPIC	Speaker	Time
Intracerebral hemorrhage: what are the best management options?	Gustavo Pradilla Vs Issam A. Awad	10.40AM-11.10AM
The Endovascular Aneurysm Conquest: what is left to clip?	Michael T. Lawton Vs Elad I. Levy	11.10AM-11.45AM

##### Session 2: Aneurysm Moderators: Ashish Sonig, Amit Singla

TOPIC	Speaker	Time
Management of Residual or recurrent aneurysms	Christopher S. Ogilvy	11.45AM-12.00PM
Flow Diversion for Cerebral Aneurysms	Ajay K. Wakhloo	12.00PM-12.15PM

##### Session 3: Steno-occlusive Disease Moderators: David Kung, Sid Roychowdhury

TOPIC	Speaker	Time
Bypass surgery for Moya Moya and Steno-Occlusive disease: What I have learned from intraoperative blood flow measurements	Jacques J. Morcos	12.15PM-12.30PM
Endovascular Management of intracranial stenosis/occlusive disease	Michael J. Alexander	12.30PM-12.45PM
Indirect Bypass for Moya Moya Disease	Nestor R. Gonzalez	12.45PM-01.00PM

#### Break 01.00PM-01.30PM

##### Session 4: Stroke Moderators: Priyank Khandelwal, David Kung

TOPIC	Speaker	Time
Stroke Beyond Guidelines	Adnan H. Siddiqui	01.30PM-01.45PM
Decompressive Craniectomy in Stroke	E. Sander Connolly	01.45PM-02.00PM
CT perfusion in Stroke	Kenneth V. Snyder	02.00PM-02.15PM
Cerebrovascular Manifestations of COVID-19 and its management	Chirag D. Gandhi	02.15PM-02.30PM
Combining neuroprotection with EVT: where are we at?	Mayank Goyal	02.30PM-02.45PM

#### Break 02.45PM-03.00PM

##### Session 5: Vascular Malformations and Advances Moderators: Gaurav Gupta, Ashish Sonig

TOPIC	Speaker	Time
Advances in the management of Brain arteriovenous malformations	Bernard R. Bendok	03.00PM-03.15PM
Controversies in the management of AVM- 5 years after the ARUBA trial	Judy Huang	03.15PM-03.30PM
Optimizing Outcomes Using Radiosurgery for AVMs	L. Dade Lunsford	03.30PM-03.45PM
Endovascular management of AVM	René Chapot	03.45PM-04.00PM
High resolution vessel wall imaging	David Hasan	04.00PM-04.15PM
Is chronic subdural hemorrhage an endovascular disease	Jared Knopman	04.15PM-04.30PM
Venous Stenting for Idiopathic intracranial hypertension/Pulsatile Tinnitus	Athos Patsalides	04.30PM-04.45PM

#### Conclusion 04.45PM-05.00PM



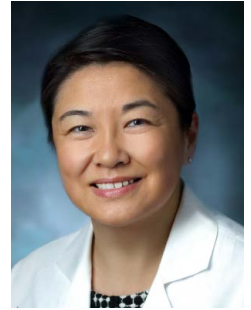
**Robert F. Spetzler, MD**



**Basant K. Misra, MS, MCh**



**L. Dade Lunsford, MD, FACS**



**Judy Huang, MD**



**Elad I. Levy, MD, MBA, FACS,  
FAHA**



**Brian Hoh, MD, MBA, FACS,  
FAHA, FAANS**



**Michael T. Lawton, MD**



**John A. Wilson, MD, FAANS,  
FACS**



**Sepideh Amin-Hanjani, MD,  
FAANS, FACS, FAHA**



**E. Sander Connolly, MD, FACS**



**Mayank Goyal, MD, PhD,  
FRCP, FAHA, FCAR, FCAHS**



**Adam S. Arthur, MD, MPH,  
FAANS, FAHA, FACS**



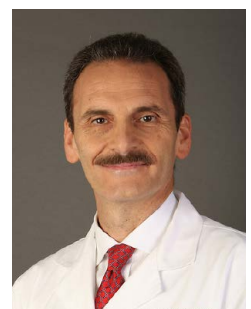
**David J. Langer, MD**



**Christopher S. Ogilvy, MD**



**Chirag D. Gandhi, MD,  
FACS, FAANS**



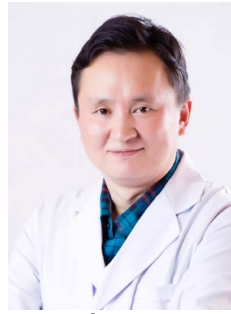
**Jacques J. Morcos, MD,  
FRCS(Eng), FRCS(Ed), FAANS**



**Bernard R. Bendok, MD**



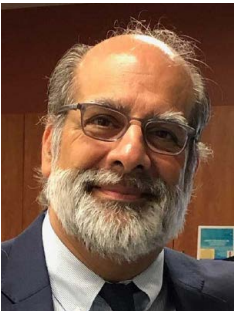
**Alexander A. Khalessi, MD,  
MBA, FAANS**



**Bin Xu, MD**



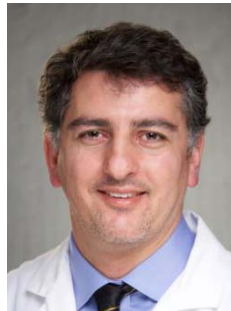
**Adnan H. Siddiqui, MD,  
PhD, FACS, FAHA**



**Ajay K. Wakhloo, MD, PhD  
FAHA**



**Athos Patsalides, MD, MPH**



**David Hasan, MD**



**Gustavo Pradilla, MD,  
FAANS**



**Issam A. Awad, MD**



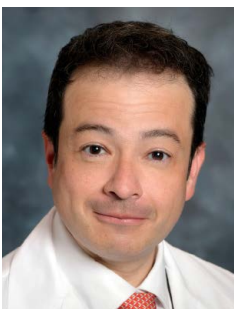
**Jared Knopman, MD**



**Michael J. Alexander, MD,  
FACS, FAANS, FSNIS**



**Kenneth V. Snyder, MD, PhD**



**Nestor R. Gonzalez, MD,  
MSCR, FAANS, FAHA**



**René Chapot, MD**



**Saruhan Cekirge, MD**



**Seemant Chaturvedi, MD**



## General Information

**Registration Fee:** Complimentary

**Pre-registration is required.**

Registration for the symposium can only be accepted through our secure online website until May 17, 2021.

**To Register:** <https://rutgers.cloud-cme.com/2021NeurovascularSymposium>

**Course Material**

In an effort to provide the most complete materials to attendees and conserve resources, PDF versions of the lecture slides will be made available on-line to registered attendees. Additional information will be provided in future confirmation communications.

**Confirmation**

Once registered, you will receive an email confirmation. As the activity date approaches, you will receive additional information to assist you with your plans to participate in this activity.

**Virtual Meeting**

Additional information and instructions for virtual meeting access will be emailed to registrants the week of May 17, 2021.

**For Additional Information**

For additional information, questions, concerns, or if you require special arrangements to attend this activity, please contact CCOE by email at [ccoe@rbhs.rutgers.edu](mailto:ccoe@rbhs.rutgers.edu).

Rutgers reserves the right to modify program content, faculty and program activities. It also reserves the right to cancel the activity if necessary.

Activity Code: 21MR07

## Global Neurosurgery Lyceum Series Stroke and Neurovascular Symposium

CME/CE Certified Activity

**Thursday, May 20, 2021**  
**6:30am - 5:00pm**

**Virtual Event**

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**Scan QR To Register Now**

