

IDENTIFIED PRACTICE GAPS/EDUCATIONAL NEEDS

There is significant limitation in education, training, and access to neurosurgery on a global scale, which results in unnecessary morbidity and mortality from neurosurgical conditions. This leads to a critical public health concern in many developing countries. The public health impact of this performance gap is well published.

While significant progress has been made, there are still barriers to more widespread access, incomplete assessment of the success of independent, locally performed surgeries following these programs, and a need to define future directions and methods to broaden the scope of these initiatives. We therefore plan to draw upon the existing data and bring together the groups involved in prior and current initiatives to identify keys to success and strategic plans to collaborate and work through barriers to increase sustainable access to neurosurgery through local training to improve outcomes and global public health.

TARGET AUDIENCE—NATIONAL/INTERNATIONAL

This course is designed for health care providers with an interest in improving neurosurgical care in developing nations. These providers include practicing physicians, residents and fellows, physician assistants, nurses and nurse practitioners, and medical students. The course will be of special interest to primary care physicians as well as those who specialize in neurosurgery, emergency medicine, neurology, trauma, and surgery.

EDUCATIONAL OBJECTIVES

By the conclusion of this activity, participants should be able to:

- define global neurosurgery resources by region;
- understand the needs, obstacles, and successful practices for developing programs by region;
- plan to become involved in neurosurgical program development in their region of interest; and
- have defined a research area of interest and potential collaborations to pursue this interest.



ACCREDITATION AND CREDIT DESIGNATION STATEMENTS

Weill Cornell Medical College is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Weill Cornell Medical College designates this live activity for a maximum of 13.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

DISCLOSURE OF RELATIONSHIPS/CONTENT VALIDITY

It is the policy of Weill Cornell Medical College to adhere to ACCME Criteria, Policies, and Standards for Commercial Support and content validation in order to ensure fair balance, independence, objectivity, and scientific rigor in all its sponsored activities. All speakers, Course Directors, Course Co-directors, planners, reviewers, and staff members participating in sponsored activities are expected to disclose relevant financial relationships pertaining to their contribution to the activity. Relationship information is analyzed to determine whether conflicts of interest exist. All conflicts of interest are resolved prior to participation in the planning or implementation of this activity. Presenters and authors are also expected to disclose any discussion of (1) off-label or investigational uses of FDA approved commercial products or devices or (2) products or devices not yet approved in the United States.

WCMC CME activities are intended to be evidence-based and free of commercial bias. If you have any concerns, please call the Office of Continuing Medical Education at 646-962-6931 to anonymously express them.

ACCOMMODATIONS

Discounted accommodations are available. Visit the course web site for more information and to reserve a room. Discounted accommodations are available only while supply lasts.

LOCATION/TRAVEL

Weill Cornell Medical College, Belfer Research Building
413 East 69th Street (3rd floor), New York, NY 10021

BY CAR: FDR driving SOUTH, exit at 71st Street. FDR driving NORTH, exit at 63rd Street, and proceed to 1300 York Avenue. Garage parking is available.

BY AIR: Arrivals at LaGuardia, John F. Kennedy, and Newark International Airports. Public transportation and taxi service are available from all three airports.

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FOR ADDITIONAL INFORMATION, EMAIL:
NEUROSURGERY-CME@MED.CORNELL.EDU

REGISTER NOW AT www.weillcornellbrainandspine.org

Global Neurosurgery 2019: A Practical Symposium

January 18-19, 2019 ■ Weill Cornell Medicine, New York

Weill Cornell Medicine
Neurological Surgery

CALL FOR PAPERS: Details at
weillcornellbrainandspine.org/global-health

Global Neurosurgery 2019: A Practical Symposium

SPONSORED BY: Weill Cornell Medical College

OVERVIEW/COURSE DESCRIPTION

This course will bring together neurosurgeons and health policy leaders from around the world who are involved in the training and education of neurosurgeons in developing countries. These assembled leaders will review the current status of neurosurgery in developing countries and the neurosurgical support coming from North America and Europe, identify key factors for success in overcoming barriers for the development of sustainable global neurosurgery models, identify key failures, and identify ways for neurosurgery health care providers to get involved in a meaningful way.

COURSE CO-DIRECTORS

Roger Härtl, M.D.
Caitlin Hoffman, M.D.

COURSE COORDINATOR

Tatiana Soto
email: neurosurgery-cme@med.cornell.edu

DATE AND TIME

Friday/Saturday January 18-19, 2019
Registration: January 18, 2019 • 8:00 AM

LOCATION

Weill Cornell Medical College, Belfer Research Building
413 East 69th Street (3rd floor), New York, NY 10021

FEES AND REGISTRATION:

Physicians: \$500 | Nurses, NPs, and PAs: \$300 | Residents and Fellows: \$200

Discounts available for those from developing countries; please email neurosurgery-cme@med.cornell.edu to apply Register online at weillcornellbrainandspine.org/global-health

To register by mail, send a check to Roseann Henry, Neurosurgery CME Registration, 525 East 68th Street, Box 99, New York, NY 10065 Please include the course name on your check, and include your title and affiliation, email address, and daytime phone number. Checks must be received before January 12, 2019. Refund requests must be made in writing, and an administrative fee will be retained on all cancellations. There are no refunds after January 12, 2019.

PRELIMINARY COURSE AGENDA

(Additional details and updates on weillcornellbrainandspine.org/global-health)

Friday, January 18, 2019

8:00 am Registration and Breakfast
8:30 am Welcome and Introductions: Roger Härtl, M.D. and Dr. Caitlin Hoffman, M.D.

8:45 am Keynote Address: “The Role of Surgery in Global Health” Walter Johnson, M.D.

Session I: Global Neurosurgery Today: Overview of Clinical Programs and Regional Needs

9:30 am to 11:15 am

Haiti: Barth A. Green, M.D.
Tanzania: Hamisi T. Shabani, M.D.
Kenya: Mahmood Qureshi, M.D.
Uganda: Michael Haglund, M.D., Ph.D.
Nepal: Merwyn Bagan, M.D.
Ukraine: James Rutka, M.D.
Cambodia: Kee Park, M.D.

11:15am Break

11:30am Luncheon Lecture: “Biggest Challenges in Global Health and How to Address Them” Dr. Daniel Fitzgerald

Session II: Specific Challenges and Needs

12:00 pm to 1 pm

Neurosurgical Education in East Africa Mahmood Qureshi, M.D.
Spine Surgery in East Africa Nicephorus Rutabasibwa, M.D.
Neurosurgical Challenges in Haiti John Ragheb, M.D.
What Can We Do to Support GNS Isabelle Germano, M.D.

Session III: Solutions and Successful Projects

1:00 pm to 4:15 pm

Developing Endoscopy in Tanzania Jose Piquer, M.D.
The Weill Cornell 6-step Program in Tanzania Roger Härtl, M.D.
Complex Skull Base Surgery in Resource-Limited Settings Antonio Bernardo, M.D.
Nursing Education Karen March, RN
Model for Faculty Development Kee Park, M.D.
Developing Freestanding Hospitals Barth Green, M.D.
Building a Subspecialty Hospital in East Africa Mohamed Janabi, M.D.
AO Strategy: Global Trauma Care Claude Martin, M.D.
Successful Ophthalmology Program Model in Tanzania Donald D’Amico, M.D.
Neurosurgical Access on a Global Scale Kiran T. Thakur, M.D.
Neurosurgical Bootcamps Jared Ament, M.D.
Development of Research Capacity P. David Adelson, M.D.
Cambridge Neurotrauma Initiative Rikin Trivedi, M.D.

4:15pm Break

4:30pm Keynote Address: “My Personal Journey: Building Health Care in Tanzania” His Excellency Jakaya Kikwete, Former President, United Republic of Tanzania

Session IV: Organized Neurosurgery – What is happening and how can you get involved?

5:15 pm to 6 pm

The Role of FIENS Robert Dempsey, M.D.
The Role of WFNS Franco Servadei, M.D.
The Bogota Declaration Andres M. Rubiano, M.D.

Saturday, January 19, 2019

8:00 am Breakfast
8:15 am Oral Presentations and Award for Best Paper

Session V: Key Failures, Lessons Learned

9:00 am to 10:15 am

Barth A. Green, M.D.; Michael Haglund, M.D., Ph.D.; Roger Härtl, M.D.; Robert J. Dempsey, M.D.; Kee Park, M.D.

10:15am Break

Session VI: How to Get Started in Global Neurosurgery – How we did it

10:30 am to 12:30 pm

How to Start Michael Haglund, M.D., Ph.D.
How to Get Funding Robert J. Dempsey, M.D.
How to Build a Freestanding Hospital Barth A.Green. M.D.
How to Develop Research Protocols Rikin Trivedi, M.D.
Learning Curves and Obstacles Roger Härtl, M.D.

12:30pm to 1 pm Group Discussion: Where to go from here? Moderated by Roger Härtl, M.D. and Caitlin Hoffman, M.D.

COURSE CO-DIRECTORS

Roger Härtl, M.D.
Professor of Neurological Surgery and Director of Spinal Surgery and Neurotrauma
Director of the Weill Cornell Medicine Center for Comprehensive Spine Care
Leader of Weill Cornell’s Global Health Neurosurgery Initiative in Tanzania
Weill Cornell Medicine and NewYork-Presbyterian

Caitlin Hoffman, M.D.
Assistant Professor of Neurological Surgery in Pediatrics
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FACULTY

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Professor of Neurological Surgery, Neurology, Orthopeodics, Rehabilitation
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Michael Haglund, M.D., Ph.D., MACM, FAANS, FCS (ECSA)
Distinguished Duke Professor of Neurosurgery, Global Health, Neurobiology, and Orthopedic Surgery,
Vice Chair Education, Duke Department of Neurosurgery,
Duke University Medical Center

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Executive Director
Jakaya Kikwete Cardiac Institute

Walter Johnson, M.D.
Lead, Emergency and Essential Surgical Care Program
World Health Organization

Jakaya Kikwete
Former President, United Republic of Tanzania

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Neurosurgeon
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