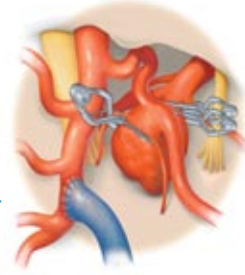


# 2<sup>nd</sup> International Symposium on Flow Measurement in Cerebrovascular Surgery



Friday, September 14, 2007

Codirectors: Fady T. Charbel, MD  
Sepideh Amin-Hanjani, MD

We would like to invite you to participate in the **2<sup>nd</sup> International Symposium on Flow Measurement in Cerebrovascular Surgery** to be held immediately preceding the upcoming Congress of Neurological Surgeons meeting in San Diego, on Friday, September 14, 2007. The symposium will be hosted by the **International Society for Quantitative NeuroVascular Medicine**, and will focus on the use of quantitative hemodynamic data in the surgical management of cerebrovascular diseases. We are pleased to have a broad and internationally renowned group of speakers presenting their experiences with flow measurement in peri-operative and intra-operative management.

## Program Schedule

7:00 a.m.	<b>Breakfast</b>
8:00 a.m.	<b>Introduction</b> Fady T. Charbel, MD
	<b>Session I: Moya Moya</b>
8:15 a.m.	<i>Quantitative Cerebral Blood Flow and Perfusion Measurements Related to Moyamoya Disease</i> Gary K. Steinberg, MD, PhD
8:45 a.m.	<i>Cerebral Hemodynamics and Oxygen Metabolism Before and After STA-MCA Anastomosis and Indirect Synangiosis in Moyamoya Disease</i> Satoshi Kuroda, MD, PhD
9:15 a.m.	Discussion

9:30 a.m.	<b>Session II: Atherosclerotic Disease and Stroke</b> <i>Quantitative Cerebral Blood Flow Measurement in Revascularization for Atherosclerotic Disease</i> Fady T. Charbel, MD
10:00 a.m.	<i>Effect of Extracranial Carotid Revascularization on Cerebral Blood Flow assessed by Quantitative MRA</i> Zohar Ghogawala, MD
10:30 a.m.	<b>Break</b>
11:00 a.m.	<i>Positron Emission Tomography for Hemodynamic Evaluation and Progress from the Carotid Occlusion Surgery Study</i> Gregory Zipfel, MD
11:30 a.m.	<i>Quantitative CBF in Critical Decision Making</i> Howard Yonas, MD
12:00 p.m.	<i>Case Presentation</i> Felipe C. Albuquerque, MD
12:30 p.m.	<b>Lunch</b>
	<b>Session III: Aneurysms</b>
2:00 p.m.	<i>Flow Replacement Bypass for Aneurysms</i> Sepideh Amin-Hanjani, MD
2:30 p.m.	<i>Role of Intraoperative Flow Measurement in Aneurysm Surgery</i> Jacques Morcos, MD
3:00 p.m.	Discussion
3:15 p.m.	<b>Break</b>
	<b>Session IV: ELANA</b>
3:30 p.m.	<i>ELANA vs. Conventional High Flow Bypass: Quantum Leap or Technical Note?</i> David J. Langer, MD
4:00 p.m.	<i>The Future of Nonocclusive Bypass with ELANA Technique</i> Cornelius A. F. Tulleken, MD, PhD
4:30 p.m.	<i>Case Presentation</i> Leena Kivipelto, MD, PhD
5:00 p.m.	<b>End of program</b>
6:30 p.m.	Dinner Cruise <i>End the day with a cruise on the 'High Spirits', a classic 112-ft yacht on the San Diego harbour. The 'High Spirits' was originally constructed as a sistership to "Sequoia", President Franklin D. Roosevelt's presidential yacht. While enjoying fine libations and a gourmet dinner prepared by the onboard chef, watch the sunset turn to night over the San Diego skyline.</i>

## Program Faculty

**Sepideh Amin-Hanjani, MD**  
Assistant Professor, Neurosurgery  
Program Director,  
Neurosurgery Residency  
University of Illinois at Chicago

**Felipe C. Albuquerque, MD**  
Assistant Director,  
Endovascular Neurosurgery  
Barrow Neurological Institute

**Fady T. Charbel, MD**  
Professor and Head, Neurosurgery  
Director, Cerebrovascular Surgery  
University of Illinois at Chicago

**Zohar Ghogawala, MD**  
Assistant Professor, Neurosurgery  
Wallace Clinical Trials Center,  
Greenwich Hospital  
Yale University School of Medicine

**Leena Kivipelto, MD, PhD**  
Assistant Professor, Neurosurgery  
Helsinki University  
Helsinki, Finland

**Satoshi Kuroda, MD, PhD**  
Department of Neurosurgery,  
Hokkaido University Hospital  
Sapporo, Japan

**David J. Langer, MD**  
Assistant Professor, Neurosurgery  
Director, Cerebrovascular Program  
St. Luke's-Roosevelt Hospital Center  
Albert Einstein College of Medicine

**Jacques Morcos, MD**  
Associate Professor, Neurosurgery  
and Otolaryngology  
Codirector, Microsurgery  
Training Center  
University of Miami/Jackson  
Memorial Medical Center

**Gary K. Steinberg, MD, PhD**  
Bernard and Ronni Lacroute-  
William Randolph Hearst Professor  
of Neurosurgery and the Neurosciences  
Chairman, Neurosurgery  
Stanford University School  
of Medicine

**Cornelius A. F. Tulleken, MD, PhD**  
Emeritus Professor, Neurosurgery  
University Medical Center  
Utrecht, The Netherlands

**Howard Yonas, MD**  
Chairman, Neurosurgery  
University of New Mexico

**Gregory Zipfel, MD**  
Assistant Professor, Neurosurgery  
and Neurology  
Washington University in St. Louis

International Society for Quantitative NeuroVascular Medicine

## 2<sup>nd</sup> International Symposium on Flow Measurement in Cerebrovascular Surgery

Friday, September 14, 2007

San Diego Marriott Hotel and Marina

San Diego, California

8:00 a.m. to 5:00 p.m.

**Registration Form** (Please return by August 31)

*There is no registration fee; however, attendance is limited.*

Please print this form, complete the information below, and either fax, or e-mail, to:

Department of Neurosurgery  
University of Illinois at Chicago

Attn: Theresa Angell

Fax: 312-996-9018

E-mail: tangell@uic.edu

Phone: 312-996-8741

Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Country: \_\_\_\_\_

Business Phone: \_\_\_\_\_

Business Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Medical Specialty/Subspecialty: \_\_\_\_\_

Hospital Affiliations: \_\_\_\_\_

Please contact Theresa Angell at 312-996-8741 if you have questions or require additional information.

## Sponsorship

### Platinum



### Gold

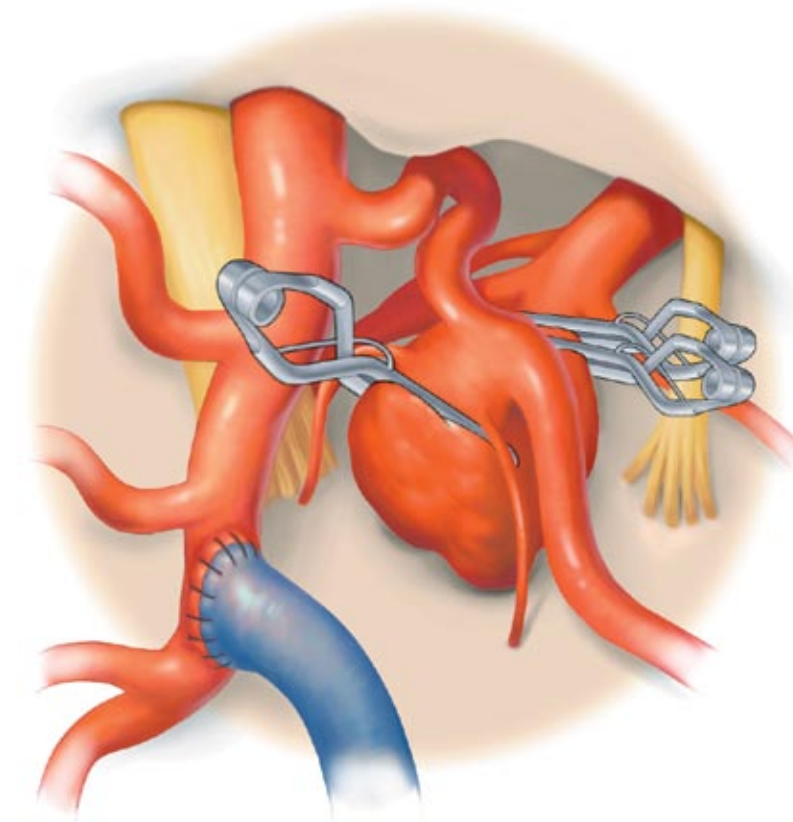


### Silver



International Society for Quantitative NeuroVascular Medicine

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