



# 5<sup>th</sup> Annual Neurosurgery Residents Education Summit

The fifth annual Neurosurgery Residents Education Summit was held March 5-7, 2009 in Miami, Florida. This year, 72 chief or senior neurosurgery residents attended the two day Summit, taught by 36 faculty, including the five Co-Chairmen.



The five Co-Chairmen for the 2009 Neurosurgery Residents Education Summit. From left to right: Michael Wang, MD, Prof. Alan Crockard, Robert Heary, MD, Brian Hoh, MD, and Stephen Lewis, MD.

In prior years, the Summit was limited solely to spinal surgery education. For the first time in 2009, the Summit included didactic and laboratory sessions covering both spinal and endovascular neurosurgical techniques. As in past years topics related to practice management were also presented and well received.

The identical lab sessions were split into two separate days. The dual-lab format, used for the first time in 2009, allowed residents to receive a more individualized experience with the faculty, and gave them time to visit the different educational options at the 18-station DaVinci Center. Each of these sessions included approximately one hour of lecture time followed by four hours in the lab.

*"I learned a great deal from the faculty and I know I will be able to apply it to treating my patients."  
- Attendee comment, post-course evaluation*

The lab sessions acted as “bookends”, with half of the residents having lab instruction on day one, the other half on day three, and all residents participating together in the didactic sessions on day two.

The didactic sessions on day two were heavily focused on the diagnosis and surgical management of complex cases in spinal and endovascular neurosurgery.

In the morning of day two, interactive complex spine case discussions were interspersed with presentations in two primary areas of study:

### **Surgical Approaches to the Cervical Spine Treatment Options for Adult Spinal Deformity**

In the early afternoon, the focus shifted to:

### **Complex Endovascular Neurosurgery**

Presentations and a panel discussion of complex cases were used to demonstrate advanced surgical techniques for aneurysm, stroke, and other pathologies.

The late afternoon didactic session was devoted to topics related to starting a neurosurgical practice. This session included a case coding exercise and panel discussion, led by Gregory Przybylski, MD, one of the pre-eminent experts in the United States with respect to the correct coding of spinal procedures.



Wide view of the lecture hall on the second day of the Summit.



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Course Chairman, Prof. Alan Crockard discussed his technique for the transoral approach to the cervical spine from the podium.



Wide views of the 18-station DaVinci Center

### Lectures at the Lab:

- Minimally Invasive Discectomy & Decompression
- Minimally Invasive TLIF
- Minimally Invasive Transpedicular Fixation
- Minimally Invasive Vertebral Body Augmentation
- Endovascular Surgical Techniques: Tips & Pearls



Course Chairman, Robert Heary, MD, teaches in the lab.

### Lab Stations:

- Carotid Stenting (Simulator)
- Intracranial Stenting (Simulator)
- Coiling (Simulator)
- Coiling & Stenting (Flow Model)
- Cadaveric Model:
  - Open Aneurysm Surgery
  - Approach to the Thoracolumbar Junction
  - Sacral-Pelvic Fixation
  - Spinal Osteotomies
  - Minimally Invasive TLIF
  - Minimally Invasive Transpedicular Fixation

*"The speakers were expertly chosen. They rivaled any panel at the annual AANS or CNS meeting, and the bonus was the private practice surgeons who presented and discussed their experiences. We are rarely exposed to this group of surgeons. If I could, I would attend next year.. "*

*-Attendee comment, post-course evaluation*



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## COURSE CHAIRMEN

**ALAN CROCKARD, DSc, FRCS, FRCP**  
The National Hospital for Neurology and Neurosurgery

**ROBERT F. HEARY, MD**  
University of Medicine & Dentistry of New Jersey

**BRIAN L. HOH, MD**  
University of Florida

**STEPHEN B. LEWIS, MD**  
University of Florida

**MICHAEL Y. WANG, MD**  
University of Miami

## COURSE FACULTY

**Felipe Albuquerque, MD**  
Barrow Neurological Institute

**Mohammad A. Aziz-Sultan, MD**  
University of Miami School of Medicine

**Bernard Bendok, MD**  
Northwestern University

**Andrew F. Cannestra, MD, PhD**  
Baptist Health Medical Center

**Domagoj Coric, MD**  
Carolina Neurosurgery & Spine Associates

**Carlos A. David, MD**  
Lahey Clinic

**Marilyn L.G. Gates, MD**  
Henry Ford Hospital

**Michael W. Groff, MD**  
Beth Israel Deaconess Medical Center

**James S. Harrop, MD**  
Thomas Jefferson University

**Larry T. Khoo, MD**  
University of California Los Angeles Medical Center

**Sean Lavine, MD**  
Columbia University Medical Center

**Nathan Lebwohl, MD**  
University of Miami School of Medicine

**Max C. Lee, MD**  
Milwaukee Neurological Institute

**Ehud Mendel, MD, FACS**  
Ohio State University

**William Mitchell, MD**  
New Jersey Neuroscience Institute

**Chad Morgan, MD**  
Springfield Neurological and Spine Institute

## **Save The Date:**

***Skills in Neurosurgery  
Barrows Neurological Institute  
Phoenix, Arizona  
October 2-3, 2009***

**Praveen Mummaneni, MD**  
University of California, San Francisco

**Aman Patel, MD**  
Mount Sinai School of Medicine

**Randall Porter, MD**  
Barrow Neurological Institute

**Charles J. Prestigiacomo, MD**  
Neurological Institute of New Jersey

**Gregory Przybylski, MD**  
New Jersey Neuroscience Institute

**Andrew J. Ringer, MD**  
Mayfield Clinic

**Khalid Sethi, MD**  
Southern NY Neurosurgical Group

**Christopher Shaffrey, MD**  
University of Virginia

**Adnan Siddiqui, MD**  
University at Buffalo Neurosurgery

**Michael L. Smith, MD**  
Montefiore Medical Center

**Steven Vanni, DO**  
University of Miami School of Medicine

**Erol Veznedaroglu, MD**  
Stroke & Cerebrovascular Center of NJ

**Brian Williams, CMPE**  
Springfield Neurological and Spine Institute

**Seth Williams, MD**  
University of Miami School of Medicine

**Eric J. Woodard, MD**  
New England Baptist Hospital

## Upcoming Medical Education Events

Medical Society Annual Meeting  
DePuy Spine, Codman, Codman Neurovascular  
Third-party w/ or w/o CME accreditation

Date	Meeting	Location
5/2-7	American Association of Neurological Surgeons (AANS)	San Diego, CA
5/4-8	International Society for the Study of the Lumbar Spine (ISSLS)	Miami, FL
5/9	Nursing - Spine Fundamentals: Surgical Solutions for Spine Pathologies	Portland, ME
5/14	Complex Cervical Spine Dinner (by invitation only)	Phoenix, AZ
5/14-15	Advanced MIS Tutorial	Baltimore, MD
5/14-18	Pre-Fellows Bioskills Workshop	Denver, CO
5/15-17	AANS Residents Deformity Course	Baltimore, MD
5/16	The Fourth Annual Controversies in Contemporary Spine Surgery	Washington, D.C.
5/16-17	7th SNIS Practicum	Vancouver, Canada
5/16-21	American Society for Neuroradiology (ASNR)	Vancouver, Canada
5/16-21	American Association of Critical-Care Nurses (AACN)	New Orleans, LA
5/21	Complex Cervical Spine Dinner (by invitation only)	Omaha, NE
5/21-22	Spinal Deformity Tutorial	San Diego, CA
5/23-27	World Federation of Neuroscience Nurses (WFNN)	Toronto, Canada
5/28-31	The Spine Study Group: Pearls and Best Practices to Enhance Your Practice	Palm Beach, FL
6/4	Complex Cervical Spine Dinner (by invitation only)	Cleveland, OH
6/4-6	Canadian Interventional Radiology Association (AIRA)	Vancouver, Canada
6/6	Canadian Neurological Sciences Federation	Halifax, Canada
6/11-14	Society for Vascular Surgery (SVS)	Denver, CO
6/18	Complex Cervical Spine Dinner (by invitation only)	Jacksonville, FL
6/18-19	Introduction to MIS/VBA	Chicago, IL
6/24-27	Spine Technology Education Group (STEG)	Los Cabos, Mexico
6/24-27	Spina Bifida Association Annual Meeting	Belfast, Northern Ireland
6/29-7/3	World Federation of Interventional and Therapeutic Neuroradiology (WFITN)	Montreal, Canada
7/8-11	NURCON: Cerebrovascular Complications Conference	Teton Village, WY
7/15-18	International Meeting on Adv. Spine Techniques (IMAST)	Vienna, Austria
7/26-30	NASS / Japanese Spine Research Society - Spine Across The Sea	Mauai, HI
7/27-31	Society of NeuroInterventional Surgery (SNIS)	Cancun, Mexico
8/12-16	CNS Senior Residents 3-D Course	St. Louis, MO
8/19-21	DePuy Spine Summit	Raynham, MA
8/28-29	Advanced Concepts in Spine Surgery for Fellows	Chicago, IL
/30-9/4	14th Annual World Congress of Neurological Surgery	Boston, MA

For more information about the FUTURE LEADERS program at DePuy Spine, contact Stephanie West at: [swest03@its.jnj.com](mailto:swest03@its.jnj.com).

If you are interested in attending or receiving more information about DePuy Spine Medical Education events, please contact us at: [medicaleducation@dpyus.jnj.com](mailto:medicaleducation@dpyus.jnj.com).

If you are interested in attending or receiving more information about Codman Neurovascular Medical Education events, please contact Susan Stolfi at: [sstolfi@its.jnj.com](mailto:sstolfi@its.jnj.com).

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