



4th World Congress for Endoscopic Surgery of the Brain, Skull Base and Spine

April 28-30, 2010

David L. Lawrence Convention Center Pittsburgh, Pennsylvania US

FRIDAY, APRIL 30, 2010 ~ NURSES' SESSION PROGRAM

Objective:

To increase the quality of nursing care given to all patients with skull base diseases or disorders at every level of entry.

Accreditation:

Upon completion of this session, attendees will be eligible to receive a maximum of 8 CEUs.

Program:

6:30 – 7:30 AM

Registration

7:00 – 7:45 AM

Breakfast Seminars

“Intracerebral Neuroendoscopy: Technical Notes”

Ludwig Auer, MD

“Minimizing Sinonasal Complications of Endoscopic Cranial Base Surgery”

James Evans, MD and Marc Rosen, MD

“Clinical Outcomes: Minimally Invasive vs. Open Surgery – How Do They Compare?”

Kevin Foley, MD and Praveen Mummaneni, MD

“Minimally Invasive Lateral Spine Surgery: Indications, Complications, and Results”

Adam Kanter, MD and William Taylor, MD

“Approaches to the Petroclival Region: The Art of Tailoring”

Jacques Morcos, MD

8:00 – 9:00 AM

Keynote Address

“Minimally Invasive Spine Surgery: What is the Evidence?”

Richard Fessler, MD, PhD (*introduced by Adam Kanter, MD*)

FRIDAY, APRIL 30, 2010 ~ NURSES' SESSION PROGRAM (CONTINUED)

9:00 – 10:00 AM

Plenary Session: The Future of Endoscopy

“Back to the Future: The ROBOSCOPE-Project and Beyond”

Ludwig Auer, MD

“Translating Basic Science into Minimally Invasive Skull Base Surgery”

Ivan El-Sayed, MD

10:00 – 10:30 AM

Break with Exhibitors

10:30 – 11:45 AM

Nursing Seminars

“Clinical Nurse Coordinator: Initiation of Patient Education from the Point of Patient Contact thru Surgery”

Stephanie L. Henry, RN, BSN

Clinical Nurse Coordinator

Minimally Invasive endoNeurosurgery Center

UPMC Presbyterian

Pittsburgh, Pennsylvania

“ICU Post-Operative Care of the Skull Base Patient”

Maggie Fisher, RN, BSN

Clinical Coordinator Crainofacial and Skull Base Disorders

Center for Craniofacial and Skull Base Disorders

Porter Adventist Hospital

Denver, Colorado

12:00 – 12:45 PM

Lunch Seminars

“Endoscopic Anatomy of the Skull Base”

Martin Bettag, MD, PhD

“Endoscopic vs. Open Cranial Base Surgery: Which One, When, and Why?”

Peter Costantino, MD and Chandranath Sen, MD

“Nuances of Microendoscopic Decompressive Spine Surgery”

Kurt Eichholz, MD and Robert Isaacs, MD

“Vascular and Bleeding Control in Endoscopic Skull Base Surgery”

Richard Harvey, MD

FRIDAY, APRIL 30, 2010 ~ NURSES' SESSION PROGRAM (CONTINUED)

1:00 – 2:00 PM Nursing Seminars

“Surgical Aspects for the Skull Base Patient, How We Have Evolved, Where Are We Going”

Julie Wright, RN
Surgical Coordinator Skull Base Surgery
Thomas Jefferson University Hospital
Philadelphia, Pennsylvania

“Present and Future Nursing Care for EEA Patients”

Jinhee Park Kim, MA, BSN, RN
Neurosurgical ICU Step Down Unit
UPMC Presbyterian
Pittsburgh, Pennsylvania

2:00 – 3:00 PM Free Paper Sessions

COMPLICATIONS

Anand Germanwala, MD and Darlene Lubbe, MD, *Moderators*

2:00PM-2:10PM “Cranial Base Cerebrospinal Fluid Leak Repair by Minimally Invasive Technique”

Balwant Gendeh

2:10 PM-2:20PM “Time Course of Sinonasal Symptoms in Patients Undergoing Endoscopic Endonasal Surgery Utilizing a Vascularized Pedicle Nasoseptal Flap”

Marvin Bergsneider; Marilene Wang

2:20PM-2:30PM “Elevated BMI Increases Risk of Post-Operative CSF Leak Following Transsphenoidal Surgery”

Karthik Madhavan; Brian Dlouhy; Scott Graham; Erin O'Brien; Jeremy Greenlee

2:30 PM-2:40PM “Endoscopic Repair of CSF Rhinorrhea in Patients with Intracranial Pathology”

Hisham Khalil; Ahmed Eweiss; Deva Jeyaretna

2:40PM-2:50PM “Incidence and Management of Carotid Artery Injury During Endoscopic Endonasal Surgery”

Carl Snyderman; Paul Gardner; Juan Fernandez-Miranda

2:50PM-3:00PM Discussion/Q&A

SPINE

Kevin Foley, MD, *Moderator*

2:00 PM-2:10PM “Da Vinci Robot-Assisted Transoral Odontoidectomy for Basilar Invagination”

John Y.K. Lee; Jason Newman; Greg Weinstein; Deb Bhowmick; Brad Lega; Bert O'Malley Jr; M. Sean Grady; William Welch

2:10PM-2:20PM “Thoracoscopic Approach for the Treatment of Thoracic Disc Herniation”

Sorin Aldea; Etienne Mireau; Adil Aqqad; Saad Bennis; Anne Boulin; Pascal Campaore; Michel Dupuy; Stephan Gaillard

2:20PM-2:30PM “Transpedicular Endosonography to Detect Cortical Breaches in Spinal Instrumentation”

Bruce Frankel; Steven Morgan; Leslie Robinson

FRIDAY, APRIL 30, 2010 ~ NURSES' SESSION PROGRAM (CONTINUED)

2:00 – 3:00 PM Free Paper Sessions (continued)

SPINE (CONTINUED)

Kevin Foley, MD, *Moderator*

2:30PM-2:40PM “Complications and Radiographic Correction in Adult Scoliosis Following Combined Transposas Extreme Lateral Interbody Fusion and Posterior Pedicle Screw Instrumentation”

Christopher Bonfield; Matthew Tormenti; Matthew Maserati; David Okonkwo; Adam Kanter

2:40PM-2:50PM “Minimally Invasive Versus Open Approaches to Transforaminal Lumbar Interbody Fusion: A Single Center Experience”

Ramesh Grandhi; Komli-Kofi Atsina; David Panczykowski; Richard Spiro; Paul Gardner; Adam Kanter

2:50PM-3:00PM “Minimally Invasive Tethered Cord Release in Adults – A Comparison of Open and Mini-Open Approaches”

Jau-Ching Wu; Matthew Potts; Nalin Gupta; Praveen Mummaneni

3:00PM-3:30PM Break with Exhibitors and Poster Presentations

3:30PM-4:30PM Panel Discussions

“Minimally Invasive Spinal Fusion”

Praveen Mummaneni, MD, *Moderator*

Panelists: Kevin Foley, MD; Adam Kanter, MD; William Smith, MD; William Taylor, MD

“Technology”

Ivan El-Sayed, MD, *Moderator*

Panelists: Vijay Anand, MD; John Y.K. Lee, MD; Gero Strauss, MD, PhD

“Sinonasal Malignancies”

Peter Costantino, MD, *Moderator*

Panelists: Ziv Gil, MD, PhD; Guy Petruzzelli, MD, PhD

4:30PM Adjournment

SATURDAY, MAY 1, 2010 @ UPMC PRESBYTERIAN

Location: UPMC Presbyterian Hospital
B Wing, 4th Floor, Room 447
Neurosurgical Center for Education

6:45 AM **Buses Depart Westin for UPMC Presbyterian Hospital**

7:00AM-7:30AM **Continental Breakfast**

7:30AM-12:00PM **Live Surgery Demonstration**

12:00PM **Adjournment**
Buses Depart UPMC Presbyterian Hospital for Westin