

19th Annual Anesthesia Symposium and CSA Annual Spring Meeting



May 5-6, 2012

*Broadmoor Resort
Colorado Springs, CO*

The conference is provided through the joint sponsorship of Penrose-St. Francis Health Services, Pikes Peak Anesthesia Associates and Colorado Society of Anesthesiologists.



Online registration is now available at www.csa-online.org

Faculty

Chester Buckenmaier III, MD

Program Director, Defense and Veterans Center for Integrative Pain Management
Associate Professor Anesthesiology
USUHS
Washington, DC

Jane C. K. Fitch, MD

1st Vice President, ASA
John L. Plewes Professor & Chair
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Glenn Gravlee, MD

Professor and Director of Education in Anesthesia
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James R. Hebl, MD

Vice Chair, Clinical Practice
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Lynne G. Maxwell, MD, FAAP

Department of Anesthesiology and Critical Care Medicine
The Children's Hospital of Philadelphia
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This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Colorado Medical Society through the joint sponsorship of Penrose-St. Francis Health Services, Pikes Peak Anesthesia Associates and Colorado Society of Anesthesiologists. Penrose-St. Francis Health Services is accredited by the Colorado Medical Society to provide continuing medical education for physicians.

Penrose-St. Francis Health Services designates this live activity *for a maximum of 11 AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Penrose-St. Francis
Health Services**



Agenda

SATURDAY, MAY 5, 2012

- 7:00 am - 7:50 am Continental Breakfast
- 7:50 am - 8:00 am Welcome/Announcements
J. Michael Hall MD
- 8:00 am - 8:45 am **Clinical Pathways For Total Joint Arthroplasty: Essential Components For Success**
Dr. James Hebl
- 8:45 am - 9:00 am Questions/Discussion
- 9:00 am - 9:45 am **Challenges in Ambulatory Pediatric Anesthesia**
Dr. Lynne Maxwell
- 9:45 am - 10:00 am Questions/Discussion
- 10:00 am - 10:25 am Break
- 10:25 am - 11:10 am **Coagulation Issues**
Dr. Jane Fitch
- 11:10 am - 11:25 am Questions/Discussion
- 11:25 am - 12:10 pm **Battlefield Pain Management: What Has Changed**
Dr. Chester Buckenmaier III
- 12:10 pm - 12:25 pm Questions/Discussion
- 12:25 pm - 1:50 pm Lunch
- 12:50 pm - 1:20 pm **ASA Update –How is the ASA Serving You**
Dr. Jane Fitch
- 1:20 pm - 1:40 pm **CSA Update – How is the CSA Serving You**
Dr. Kristin Woodward
- 1:50 pm - 2:35 pm **Update on Cardiac Anesthesia**
Dr. Glenn Gravlee
- 2:35 pm - 2:50 pm Questions/Discussion
- 2:50 pm - 3:35 pm **Patient Safety or Maintenance of Certification and Licensure TBD**
Dr. Jane Fitch
- 3:35 pm - 3:50 pm Questions/Discussion
- 3:50 pm - 4:10 pm Break

- 4:10 pm - 4:55 pm **Neurologic Complications Associated with Regional Anesthesia: Balancing Risk with Reward**
Dr. James Hebl
- 4:55 pm - 5:10 pm Questions/Discussion
- 5:10 pm Adjournment

BREAKOUT TEE HANDS-ON SIMULATOR SESSIONS TAMAS SERES, MD SATURDAY

- 8:00 am - 9:00 am Basic (2 attendees per session)
- 9:15 am - 10:15 am Basic (2 attendees per session)
- 10:30 am - 11:30 am Advanced (3 attendees per session)
- 2:00 pm - 3:00 pm Basic (2 attendees per session)
- 3:30 pm - 4:30 pm Advanced (3 attendees per session)

SUNDAY, MAY 6, 2012

- 7:00 am - 8:00 am Continental Breakfast
- 8:00 am - 8:45 am **Infections Complications Associated with Regional Anesthesia: A Review of the ASRA Practice Advisory**
Dr. James Hebl
- 8:45 am - 9:00 am Questions/Discussion
- 9:00 am - 9:45 am **Army Pain Task Force Effort and Campaign Plan**
Dr. Chester Buckenmaier III
- 9:45 am - 10:00 am Questions/Discussion
- 10:00 am - 10:20 am Break
- 10:20 am - 11:05 am **Myth vs. Reality in Pediatric Anesthesia**
Dr. Lynne Maxwell
- 11:05 am - 11:20 am Questions/Discussion
- 11:20 am - 12:05 pm **Bronchoscopy and Mediastinoscopy: Unanticipated Perils**
Dr. Glenn Gravlee
- 12:05 pm - 12:20 pm Questions/Discussion
- 12:20 pm Adjournment

Objectives

CLINICAL PATHWAYS FOR TOTAL JOINT ARTHROPLASTY: ESSENTIAL COMPONENTS FOR SUCCESS

Dr. James Hebl

- 1) Recall the physiology and clinical implications of acute postoperative pain
- 2) Describe the essential components of an effective clinical pathway
- 3) Discuss the clinical and economic benefits of clinical pathways for patients undergoing total joint arthroplasty

CHALLENGES IN AMBULATORY PEDIATRIC ANESTHESIA

Dr. Lynne Maxwell

- 1) Discuss concerns and considerations for perioperative anesthetic management of children with obstructive sleep apnea/sleep disordered breathing for T&A: which patients should be admitted?
- 2) Discuss implications of rising incidence of obesity for anesthetic management of ambulatory surgical procedures: should there be guidelines?
- 3) Discuss pain management for ambulatory pediatric surgery: what is the role of regional techniques, use of acetaminophen: PO, PR or IV?

COAGULATION ISSUES

Dr. Jane Fitch

Objectives: TBA

BATTLEFIELD PAIN MANAGEMENT: WHAT HAS CHANGED

Dr. Chester Buckenmaier III

- 1) Participants will understand the history of battlefield pain care prior to the current conflicts
- 2) Participants will be able to describe the impact regional anesthesia has had on wounded from the current conflicts
- 3) Participants will define the role of the acute pain service on a modern battlefield

UPDATE ON CARDIAC ANESTHESIA

Dr. Glenn Gravlee

- 1) Describe the indications for, complications of and anesthetic management of percutaneous Mitraclip valve repair for mitral regurgitation
- 2) Illustrate and explain the different types of transcatheter aortic valves, their complications, and anesthetic implications
- 3) Explain the rationale for LASER guided extraction of pacemaker and cardioverter-defibrillator leads and the attendant anesthetic management and implications
- 4) Discuss the challenges imposed by continuous flow left ventricular assist devices

NEUROLOGIC COMPLICATIONS ASSOCIATED WITH REGIONAL ANESTHESIA: BALANCING RISK WITH REWARD

Dr. James Hebl

- 1) Discuss the incidence of neurologic complications associated with regional anesthesia
- 2) Illustrate the risk factors associated with perioperative nerve injury
- 3) Describe the diagnostic evaluation and management of postoperative neurologic deficits

Objectives

INFECTIONS COMPLICATIONS ASSOCIATED WITH REGIONAL ANESTHESIA: A REVIEW OF THE ASRA PRACTICE ADVISORY

Dr. James Hebl

- 1) Describe the importance of aseptic technique in preventing infectious complications associated with regional anesthesia
- 2) Differentiate the difference between antiseptic solutions with regard to efficacy and the prevention of needle and catheter colonization
- 3) Discuss risk factors associated with infectious complications of peripheral nerve catheters

ARMY PAIN TASK FORCE EFFORT AND CAMPAIGN PLAN

Dr. Chester Buckenmaier III

- 1) Discuss why the pain task force was needed
- 2) Discuss what the task force found out about pain management in the military
- 3) Discuss the goals of the PTF campaign plan and the potential impact on civilian pain medicine

MYTH VS. REALITY IN PEDIATRIC ANESTHESIA

Dr. Lynne Maxwell

- 1) State the rationale for historical recommendation of uncuffed tubes for infants and young children: Have these recommendations changed?
- 2) Discuss whether a child with a URI should have their anesthesia/surgery postponed and what perioperative measures to take to prevent adverse outcomes in children who undergo surgery after a recent or current URI
- 3) Identify the state of current concern about anesthesia for neonates, infants and toddlers: Keeping them safe or harming their development

BRONCHOSCOPY AND MEDIASTINOSCOPY: UNANTICIPATED PERILS

Dr. Glenn Gravlee

- 1) Review the instrumentation for bronchoscopy and its implications for airway and anesthetic drug management
- 2) Describe indications for and complications of mediastinoscopy
- 3) Present strategies to minimize the anesthetic hazards of anterior mediastinal masses