



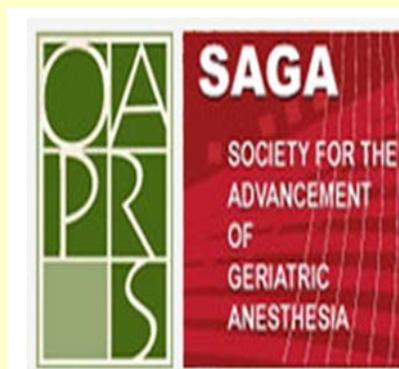
## INTENT AND OVERVIEW

The intent of this conference is to provide attendees with an update about commonly experienced clinical situations involving both elderly and orthopedic patients. Specialists from the Society of Geriatric Anesthesia (SAGA) will discuss CNS dysfunction, risk stratification and the effects on anesthetic depth and the effects on the perioperative outcome of the elderly patient. A second panel will provide an update about new minimally invasive spine procedures and will present evidence-based optimal intraoperative and perioperative management of patients undergoing large spine surgeries. A third panel will present the new anticoagulant, Rivaroxaban as well as a review of the current OAPRS recommendations regarding the performance of regional anesthesia in patients taking anticoagulant medications. The effects of anesthesia on cancer and metastatic disease will also be discussed. A workshop teaching ultrasound guided peripheral nerve blocks will be offered allowing for small group hands-on imaging of neural structures in live models.

## COURSE DIRECTORS

**Michael Anderson, MD**  
Assistant Professor of Anesthesiology  
Mount Sinai School of Medicine

**Meg Rosenblatt, MD**  
Professor of Anesthesiology and  
Orthopedic Surgery  
Mount Sinai School of Medicine



## OBJECTIVES

At the conclusion of the activity the learner will be able to:

Evaluate CNS dysfunction in elderly patients

Assess risk factors in elderly patients

Review the correlation of anesthetic depth and mortality in the elderly

Know about new minimally invasive spine surgery techniques

Explain optimal intraoperative management of complex spine procedures

Discuss literature regarding perioperative management after major spine surgery

Review OAPRS recommendations for anticoagulation and regional anesthesia

Update knowledge for the use of rivaroxaban and thromboprophylaxis for orthopedic patients

Explore the relationship of anesthesia and oncogenic responses in patients

## CONTINUING EDUCATION CREDIT

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the University of Pittsburgh School of Medicine and the OAPRS/SAGA. The University of Pittsburgh School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

The University of Pittsburgh School of Medicine designates this live activity for a maximum of 8.0 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded 0.8 continuing education units (CEU's) which are equal to 8.0 contact hours.

## COURSE SCHEDULE

- 7:00 **BREAKFAST/REGISTRATION/EXHIBITS**
- 8:00 **Postoperative CNS dysfunction in the elderly: Can we help?**  
*Zhongcong Xie, MD, PhD*
- 8:45 **Perioperative risk & decision making** *Michael G. Irwin, MD*
- 9:30 **Anesthetic depth and mortality in the elderly** *Charles Brown, MD*
- 10:15 **COFFEE BREAK WITH THE EXHIBITORS**
- 10:30 **Update in minimally invasive spine surgery** *Sheeraz Qureshi, MD*
- 11:15 **Intraoperative management of complex spine surgery**  
*Jess Brallier, MD*
- 12:00 **Postoperative management of patients following major spine surgery**  
*Kim Nguyen, MD*
- 12:30 **LUNCH**
- 1:30 **Oncogenics of surgery and the perioperative state**  
*Bruce Ben-David, MD*
- 2:15 **Thromboprophylaxis with Rivaroxaban in the orthopedic patient**  
*Jacques E. Chelly, MD, PhD, MBA*
- 3:00 **OAPRS anticoagulation guidelines** *Laura Clark, MD*
- 3:30 **Ultrasound Workshop**  
Chairperson: *Sugantha Ganapathy, MD*  
Faculty: *Michael Anderson, MD*  
*Ralf E. Gebhard, MD*  
*Danielle Ludwin, MD*  
*Sylvia Wilson, MD*
- 4:15 **COFFEE BREAK WITH THE EXHIBITORS**
- 4:30 **Workshop resumes**
- 5:30 **CONFERENCE ADJOURNMENT**

### COURSE FEE (Prior to September 30, 2013)

OAPRS or SAGA members	\$225
Non-member Physicians	\$350
Resident/Fellow/Military	\$50
CRNAs	\$200

We reserve the right to cancel this program if sufficient registrations are not received. In the case of cancellation, the OAPRS will fully refund registration fees.



### SPECIAL NEEDS

Participation by all individuals is encouraged. Advance notice of any special needs will help us provide better service. Please notify us of your needs **at least two weeks in advance of the program by calling 412-623-4135.**

## REGISTRATION INFORMATION

Register on-line via our secure website, receive immediate confirmation of attendance. <https://ccehs.upmc.com/liveFormalCourses.jsf> A late fee of \$100 will be added to all registrations received after September 30, 2013. Registration fees include: continuing education credit, registration and course materials, lunch, morning & afternoon breaks and Ultrasound workshop.

### CANCELLATION

All cancellations must be in writing via US mail, e-mail or fax. Tuition for cancellations postmarked or date stamped before October 1, 2013 will be refunded minus a \$50 processing fee. No refunds will be made after October 2, 2013. **Cancellation requests to:** Angela Felix, BS, Conference Manager, Aiken Medical Building, 532 S. Aiken Ave, Suite 407, Pittsburgh, PA 15232. 412-623-4135; FAX: 412-623-4188. [felixa@upmc.edu](mailto:felixa@upmc.edu)

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Faculty for this activity was required to disclose all relationships with a proprietary entity producing health care goods or services.