

# Educational and Learning Objectives

**2016 GSA Winter Forum  
February 5 - 7, 2016  
Le Méridien Atlanta Perimeter**

**CME Activity Co-Directors**  
Stephen Anderson, MD & Brian Thompson, MD  
Northside Anesthesiology Consultants

**James H. Abernathy, MD, MPH**  
Medical University of South Carolina  
Charleston, SC

*Human Factors in the Operating Room: What can make you happier and our patients safer?*

At the conclusion of the presentation, the learner should be able to:

1. Describe the impact of human error on medicine and anesthesiology
2. Recognize environmental influences on care delivery systems
3. Name several human factors based research projects in progress

*Medication Safety in the Operating Room: A systematic approach to improving delivery*

At the conclusion of the presentation, the learner should be able to:

1. Describe the real and potential medication errors in the operating room
2. Recognize the impact of human error on care delivery
3. Prepare prevention strategies against medication errors

**Gregory Hickman, MD**  
Andrews Institute Association  
Medical Director  
Gulf Breeze, FL

*Lessons Learned from 20,000 UGRA Blocks*

At the conclusion of the presentation, the learner should be able to:

1. Identify potential complications from UGRA
2. Evaluate potential complications
3. Recognize not all complications are anesthesia related
4. Manage potential complications

**Matthew D. McEvoy, MD**  
Vanderbilt University Medical Center  
Department of Anesthesiology  
Nashville, TN

*PSH and ERAS: Is this really the future?*

At the conclusion of the presentation, the learner should be able to:

1. Discuss the components of an Early Recovery After Surgery (ERAS) program
2. Describe various forms of the Perioperative Surgical Home and which ones actually work
3. Describe quality and economic outcomes related to standardization of care
4. Evaluate areas for standardization and improvement in care pathways in the perioperative arena

*Into the shop: Nuts, bolts, and data of a functioning perioperative service*

At the conclusion of the presentation, the learner should be able to:

1. Discuss the development and current state of Enhanced Recovery Programs (ERPs) at Vanderbilt
2. Describe future directions for ERPs and key steps for implementation
3. Evaluate an area of your practice where you could start an ERP

**J. Sue Ranasinghe, MD, FFARCSI**

University of Miami

Professor of Anesthesiology

Miami, FL

*Anesthesia Related Maternal Mortality and Morbidity*

At the conclusion of the presentation, the learner should be able to:

1. Describe the leading causes of maternal mortality
2. Discuss the incidence and causes of Anesthesia related maternal mortality and morbidity
3. Recognize risk factors for increased maternal mortality and morbidity
4. Summarize measures to avoid serious anesthesia related complications in obstetrics

*Hypertension in Pregnancy: What is new?*

At the conclusion of the presentation, the learner should be able to:

1. Recognize the incidence and risk factors for hypertensive disease of pregnancy (HDP)
2. Describe the contributory causes of maternal mortality due to HDP
3. Understand the new classification, diagnostic features and timing of delivery of HDP
4. Discuss the important aspects of anesthetic management of a parturient with preeclampsia with severe features

**J. Brandon Winchester, MD**

Andrews Institute for Orthopedics & Sports Medicine

Regional Anesthesia Fellowship Director

Gulf Breeze, FL

*Adductor Canal Blocks for Major Knee Surgery*

At the conclusion of the presentation, the learner should be able to:

1. Recognize the anatomic landmarks of the adductor canal using ultrasound
2. Know the surgical indications for adductor canal blocks
3. Describe the risks and benefits of adductor canal blocks vs. femoral blocks
4. Review the steps for US-guided adductor canal block & catheter placement

**J. Brandon Winchester, MD**

Andrews Institute for Orthopedics & Sports Medicine  
Gulf Breeze, FL

**Gregory Hickman, MD**

Andrews Institute Association  
Medical Director  
Gulf Breeze, FL

*US-Guided Regional Anesthesia Workshop*

At the conclusion of the presentation, the learner should be able to:

1. Identify the key ultrasound landmarks for upper and lower extremity and truncal blocks
2. Employ PART maneuvers (pressure, alignment, rotation, tilt) into scan technique
3. Differentiate which nerve blocks can be used for which types of surgery
4. Practice scanning techniques to optimize needle & target visualization