Survey of Current Issues in Surgical Anesthesia

December 2 – 6, 2019
The Ritz-Carlton
Naples, FL

Register Today! ccfcme.org/surganes19
Join us at Cleveland Clinic’s Survey of Current Issues in Surgical Anesthesia

This symposium is designed to present the most recent information on clinical practice issues facing anesthesiologists and nurse anesthetists. A diverse faculty will provide an update on preoperative risk stratification, opioid-free anesthesia and multimodal pain control, as well as anesthesia practice and ERAs, perioperative management update, and pediatric anesthesia.

Learning activities will be presented in several formats, including traditional lectures, workshops, and case discussions. Additional break-out sessions include workshops, practice updates, and problem-based learning discussions presented in didactic or hands-on workshop formats.

Learning Objectives

• Describe the current challenges and best practices associated with preoperative risk stratification of patients
• Identify potential issues with perioperative medicine innovations, evidence, and cultural bias
• Present the key issues affecting outcomes with anesthesia and enhanced recovery after surgery programs
• Summarize the pros and cons associated with providing opioid-free anesthesia and both acute and chronic pain control, including use of ketamine, methadone, and regional anesthesia
• Discuss current perioperative strategies for fluid management, postoperative delirium and cognitive decline, renal protection, intraoperative hypotension, and postoperative pulmonary embolism
• Critically appraise the principles and practices of anesthesia and enhanced recovery after surgery protocols
• Demonstrate competence to perform regional anesthesia, ultrasound-guided intravascular access, and transesophageal echocardiography

Who Should Attend?

This symposium is designed for anesthesiologists and nurse anesthetists.

Symposium Host

Christopher A. Troianos, MD, FASE
Professor
Cleveland Clinic Lerner College of Medicine of Case Western Reserve University
Chair
Anesthesiology Institute
Cleveland Clinic
Cleveland, OH

Featured Guest Speakers

Solomon Aronson, MD, MBA, FACC, FCCP, FAHA, FASE
Executive Vice Chair, Strategy & Finance
Professor of Anesthesiology
Duke University Medical Center
Durham, NC

Lee A. Fleisher, MD
Robert Dunning Dripps
Professor of Anesthesia
Chair, Department of Anesthesiology and Critical Care
University of Pennsylvania Health System
Philadelphia, PA

Faculty

Symposium Directors

Samuel A. Irefin, MD, FCCM
Associate Professor
Cleveland Clinic Lerner College of Medicine of Case Western Reserve University
Department of General Anesthesiology
Anesthesiology Institute
Cleveland Clinic
Cleveland, OH

Jacek B. Cywinski, MD
Associate Professor
Cleveland Clinic Lerner College of Medicine of Case Western Reserve University
Department of General Anesthesiology
Anesthesiology Institute
Cleveland Clinic
Cleveland, OH

Cleveland Clinic Faculty | Anesthesiology Institute

Solomon Aronson, MD, FACC
Alina Bodas, MD
Juan Botero, MD
Rafael Cabrales, MD
Sarah Welch, Pharm.D.
Kenneth Cummings, III, MD, MS

George DeVelasco, MD
Tatiana Jamroz, MD
Lauren Licina, MD
Howard Nearman, MD
Dritan Prifti, MD
James Rowbottom, MD

Samuel Samuel, MD
Loran Mounir Soliman, MD
Mark Stillman, MD
Rafik Tadros, MD
Sarah Welch, Pharm. D

Rafik Tadros, MD
Mark Stillman, MD
Loran Mounir Soliman, MD
Samuel Samuel, MD
Sarah Welch, Pharm. D
Monday, December 2, 2019

Pre-Operative Risk Stratification

7:00 am  Registration, Continental Breakfast, and Visit Exhibits
7:45 am  Welcome and Introductions
         Samuel A. Irefin, MD
8:00 am  Preoperative Risk Stratification Before Non-Cardiac Surgery
         Lee A. Fleisher, MD
8:30 am  FRAILITY: From Measurement to Management
         Kenneth Cummings III, MD
9:00 am  How Much Preoperative Cardiac Workup Costs and Are We Getting a Good Return on Investment?
         Christopher A. Troianos, MD
9:30 am  Rethinking Perioperative Acute Blood Management
         Solomon Aronson, MD
10:00 am Refreshment Break and Visit Exhibits
10:30 am Preoperative Optimization – What Does it Mean?
         Lee A. Fleisher, MD
11:00 am Measuring Outcomes in the Perioperative Period
         Lee A. Fleisher, MD
11:30 am Moving Toward a Sustainable Perioperative Population Strategy
         Solomon Aronson, MD
12:00 pm Panel Discussion
         Solomon Aronson, MD; Kenneth Cummings III, MD; Lee A. Fleisher, MD; and Christopher A. Troianos, MD
12:30 pm Adjourn

Tuesday, December 3, 2019

“Opioid-Free Anesthesia” and Multimodal Pain Control

7:30 am  Continental Breakfast and Visit Exhibits
8:00 am  Opioid Epidemic and Psychology of Addition
         Mark Stillman, MD
8:30 am  Pain Pathways and Multimodal Analgesia
         Samuel Samuel, MD
9:00 am  What’s Old is New Again: Ketamine Therapy for Acute Pain
         Sarah Welch, Pharm.D
9:30 am  Panel Discussion
         Samuel Samuel, MD; Mark Stillman, MD; and Sarah Welch, Pharm.D
10:00 am Refreshment Break and Visit Exhibits
10:30 am Role of Regional Anesthesia in Acute Pain Management
         Loran Mounir Soliman, MD
11:00 am Perioperative Management of Patient with Opioid Addiction
         Samuel Samuel, MD
11:30 am Role of Methadone Therapy in Acute and Chronic Pain Management
         Sarah Welch, Pharm.D
12:00 pm Panel Discussion
         Loran Mounir Soliman, MD; Samuel Samuel, MD; and Sarah Welch, Pharm.D
12:30 pm Adjourn

Afternoon Session
3:00 – 5:00 pm
E. Regional Anesthesia Workshop
         Loran Mounir Soliman, MD and Rafik Tadros, MD
### Anesthesia Practice and ERAS

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:30 am</td>
<td>Continental Breakfast and Visit Exhibits</td>
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<tr>
<td>8:00 am</td>
<td>ERAS – Principles and Practice</td>
<td>George DeVelasco, MD</td>
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<tr>
<td>8:30 am</td>
<td>Goal Directed Fluid Therapy in ERAS</td>
<td>Rafael Cabrales, MD</td>
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<td>9:00 am</td>
<td>Outpatient Total Joint Arthroplasty</td>
<td>George DeVelasco, MD</td>
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<td>9:30 am</td>
<td>TIVA/EEG Monitoring to Enhance ERAS</td>
<td>Juan Botero, MD</td>
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<td>10:00 am</td>
<td>Refreshment Break and Visit Exhibits</td>
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<tr>
<td>10:30 am</td>
<td>ERAS in CT Surgery</td>
<td>Rafael Cabrales, MD</td>
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<tr>
<td>11:00 am</td>
<td>ERAS in Esophageal Surgery</td>
<td>Tatiana Jamroz, MD</td>
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<td>11:30 am</td>
<td>Chest Wall Regional Anesthesia</td>
<td>Rafik Tadros, MD</td>
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<tr>
<td>12:00 pm</td>
<td>Panel Discussion</td>
<td>Juan Botero, MD; Rafael Cabrales, MD; George DeVelasco, MD; Tatiana Jamroz, MD; and Rafik Tadros, MD</td>
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### Afternoon Session

#### 4:00 – 6:00 pm

**F. TTE/TEE Workshop**
- Juan Botero, MD, Rafael Cabrales, MD;
- Jacek B. Cywinski, MD;
- Tatiana Jamroz, MD; and
- Christopher A. Troianos, MD

### Thursday, December 5, 2019

### Perioperative Management Update

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<thead>
<tr>
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<td>7:30 am</td>
<td>Continental Breakfast and Visit Exhibits</td>
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<tr>
<td>8:00 am</td>
<td>Perioperative Fluid Management – Update</td>
<td>Howard Nearman, MD</td>
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<td>8:30 am</td>
<td>Perioperative Management of Anticoagulation</td>
<td>Samuel A. Irefin, MD</td>
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<tr>
<td>9:00 am</td>
<td>Postoperative Delirium and Cognitive Decline</td>
<td>James Rowbottom, MD</td>
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<tr>
<td>9:30 am</td>
<td>Panel Discussion</td>
<td>Samuel A. Irefin, MD, Howard Nearman, MD, and James Rowbottom, MD</td>
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<tr>
<td>10:00 am</td>
<td>Refreshment Break and Visit Exhibits</td>
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<tr>
<td>10:30 am</td>
<td>Renal Protection and Postoperative Renal Injury</td>
<td>Howard Nearman, MD</td>
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<td>11:00 am</td>
<td>Intraoperative Hypotension and MINS</td>
<td>Jacek B. Cywinski, MD</td>
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<td>11:30 am</td>
<td>Tranexamic Acid – New Application of Old Drug?</td>
<td>James Rowbottom, MD</td>
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<tr>
<td>12:00 pm</td>
<td>Panel Discussion</td>
<td>Jacek B. Cywinski, MD; Howard Nearman, MD; and James Rowbottom, MD</td>
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<tr>
<td>12:30 pm</td>
<td>Adjourn</td>
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### Afternoon Sessions

#### 4:00 – 5:00 pm

**G. Problem-Based Learning Discussion:** Are We Dealing with Little People with Many Problems in Pediatric Neuroanesthesia?
- Alina Bodas, MD

#### 4:00 – 5:00 pm

**H. Problem-Based Learning Discussion:** Postoperative Pulmonary Embolism. How Frequent Do They Occur?
- Howard Nearman, MD

#### 5:00 – 6:00 pm

**I. Problem-Based Learning Discussion:** Adult with Congenital Heart Disease Patient is Coming to Your OR. Do You Need Pediatric Trained Anesthesiologist to Care for this Patient?
- Lauren Licina, MD

#### 5:00 – 6:00 pm

**J. Problem-Based Learning Discussion:** Early Resuscitation of Septic Shock. What Does the Evidence Suggest?
- James Rowbottom, MD

### Friday, December 6, 2019

### Pediatric Anesthesia

<table>
<thead>
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<tr>
<td>7:30 am</td>
<td>Continental Breakfast and Visit Exhibits</td>
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<tr>
<td>8:00 am</td>
<td>Anesthetic Neurotoxicity in Pediatric Patients. What is the Evidence?</td>
<td>Lauren Licina, MD</td>
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<td>8:30 am</td>
<td>Perioperative Fluid Management in Pediatric Population</td>
<td>Alina Bodas, MD</td>
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<td>9:00 am</td>
<td>Pediatric Patients with Congenital Heart Defect for Non-Cardiac Procedure. Should we Worry?</td>
<td>Lauren Licina, MD</td>
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<tr>
<td>9:30 am</td>
<td>Panel Discussion</td>
<td>Alina Bodas, MD and Lauren Licina, MD</td>
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<tr>
<td>10:00 am</td>
<td>Refreshment Break and Visit Exhibits</td>
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<tr>
<td>10:30 am</td>
<td>Regional Anesthesia in Pediatric</td>
<td>Dritan Prifti, MD</td>
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<tr>
<td>11:00 am</td>
<td>Caudal Block in Pediatric Population. Are They Safe?</td>
<td>Alina Bodas, MD</td>
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<td>11:30 am</td>
<td>Emergence Delirium in Pediatric Patients. Can we Prevent Them?</td>
<td>Dritan Prifti, MD</td>
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<tr>
<td>12:00 pm</td>
<td>Panel Discussion</td>
<td>Alina Bodas, MD and Dritan Prifti, MD</td>
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<td>12:30 pm</td>
<td>Adjourn</td>
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General Information

Location
The Ritz-Carlton, Naples
2600 Tiburon Drive
Naples, FL 34109
Phone: 239.593.2000

The Ritz-Carlton Golf Resort is just 10 minutes away from Naples Airport and 25 minutes from Southwest Florida International Airport, Fort Myers.

Hotel Accommodations
A limited block of rooms has been reserved at The Ritz-Carlton, Naples only until October 30, 2019. To make your reservations, contact the hotel at 877.557.3092 and identify yourself as an attendee for the Survey of Current Issues in Surgical Anesthesia for a special rate of $223, plus taxes.

Parking
Complimentary self-parking is available.

Information
For further information about this activity, faculty disclosure, and Americans with Disability Act, visit the Cleveland Clinic Center for Continuing Education.

Local: 216.444.9990
Website: ccfcme.org/surganes19

Accreditation
The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 29.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

American Board of Anesthesiology MOCA
This activity contributes to the CME component of the American Board of Anesthesiology’s redesigned Maintenance of Certification in Anesthesiology™ (MOCA®) program, known as MOCA 2.0®. Please consult the ABA website, www.theABA.org, for a list of all MOCA 2.0 requirements.

Successful completion of this activity enables the participant to earn up to 29.25 MOCA 2.0 points, points earned will be equivalent to the amount of CME credit claimed for the activity. Please Note: It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting MOCA 2.0™ points.

Application for CE credits has been submitted to the American Association of Nurse Anesthetists.

Other Health Care Professionals
A certificate of participation will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

Register online at www.ccfcme.org/surganes19

Fees
Fee includes: continental breakfasts, refreshment breaks, and faculty PowerPoint presentations in PDF format, available online.

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<tr>
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<th>On or Before October 4, 2019</th>
<th>After October 4, 2019</th>
<th>Onsite Fee</th>
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<tr>
<td>Physicians and Non-Physicians</td>
<td>$895</td>
<td>$995</td>
<td>$1,045</td>
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Visit www.ccfcme.org/surganes19 for complete registration information.

Registration and Cancellation
Preregistrations are accepted until 2:00 pm ET, November 19, 2019. Register onsite after this date.

In case of cancellation, email notification is required to process your refund. A full refund will be issued if canceled by October 30, 2019. After October 30, 2019, a $200 cancellation fee will be deducted from your refund. No refunds will be issued after November 25, 2019.

For questions about registration or cancellation, email us at cmeregistration@ccf.org or call 216.448.8710.

Cleveland Clinic Center for Continuing Education reserves the right to cancel or postpone an activity at our sole discretion. In the unlikely event that this occurs, any registration fee(s) paid will be refunded. Be advised that Cleveland Clinic is not responsible for related costs including airline tickets, hotel costs, or any similar fee penalties incurred as a result of any trip cancellations or changes.
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Attend and earn American Board of Anesthesiology® MOCA 2.0™ points!