

Comprehensive Anesthesiology Review

Monday, March 24 – Saturday, March 29, 2014

InterContinental Hotel and Bank of America Conference Center | Cleveland, Ohio

Register Today! ccfcme.org/GoAnesReview



**Free TEE, Lung Isolation,
and Ultrasound Workshops**
(included with registration fee)

Course Directors

John E. Tetzlaff, MD
Peter K. Schoenwald, MD
D. John Doyle, MD, PhD
Jennifer Hargrave, DO
Allen Keebler, DO
Andrew Zura, MD

Featuring

- Interactive audience response system
- Comprehensive syllabus material – datastick
- Website access – 100 Tips for Passing the Boards
- Written board preparation sessions
- Oral examination demonstration session

Workshops Included in Registration

- TEE Introductory
- Ultrasound Regional Anesthesia
- Emergency Airway
- Ultrasound for Central Venous Access
- Lung Isolation

Topics Addressed

- Ambulatory anesthesia
- Cardiac anesthesia
- Thoracic anesthesia
- Neuroanesthesia
- Vascular anesthesia
- Obstetric anesthesia
- Pediatric anesthesia
- Regional anesthesia
- Urologic anesthesia
- Orthopedic anesthesia
- Anesthesiology critical care
- Anesthesia for ENT surgery
- Anesthesia for ophthalmology
- Pain medicine
- Ultrasound-assisted regional anesthesia
- Analgesia for acute postoperative pain
- Airway management
- Coexisting diseases
- Preanesthesia testing
- Geriatrics
- Blood/Coagulation
- Basic science
- Pharmacology
- Monitoring
- Equipment

COURSE DIRECTORS

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DAVID TRAU, MD, PhD
CARLOS TROMBETTA, MD
SIVAN WEXLER, MD
GUANGXIANG YU, MD

COURSE DESCRIPTION

This course is designed to be a comprehensive review of anesthesiology, including clinical anesthesia and subspecialties such as cardiothoracic, obstetric, and pediatric anesthesiology, critical care, acute and chronic pain medicine, and perioperative medicine. The most common comorbidities relevant to anesthesia and the basic science associated with anesthesia are addressed.

The course sessions are designed to help improve the participants' performance on written and oral anesthesiology examinations. Each registrant will be entitled to attend written board sessions each evening, at which written questions will be presented, discussed, and answered. These sessions will be moderated by faculty who regularly organize and hold these sessions for the Cleveland Clinic program. Participants will also have the option of attending a mock oral examination seminar, where proper techniques (and common errors) will be demonstrated using faculty as both examiner and candidate, with active debriefing sessions involving all participants. Workshops on TEE, emergency airway, lung isolation, and ultrasound for regional anesthesia and CVP access are included with your registration.

An additional benefit of this course will be the enduring materials provided with registration to all participants. We will provide comprehensive meeting materials appropriate to a review course in a data stick format. The final unique benefit will be access via password to a website that will contain unique materials to all registrants and "100 Tips for Passing your Boards" created from the experiences of our large faculty. All of this additional material will be included in the basic registration fee. **Our goal is to provide an excellent product and experience at an affordable price.**

WHO SHOULD ATTEND

The aim of this course is to attract anesthesiology residents preparing for certifying examinations, physicians in practice, and certified nurse anesthetists who desire all or part of a comprehensive review of the specialty. The course is also available to student nurse anesthetists who are preparing for their certification examination and designed for the anesthesiologist who plans to take the ABA Maintenance of Competence in Anesthesiology (MOCA) recertification examination.

OBJECTIVES

By attending you will be able to:

- Describe anesthesia-related challenges associated with care of pediatric, adult, geriatric, and obstetric patients
- Discuss current issues for anesthesia management of patients undergoing surgery for neurologic, obstetric, orthopedic, urologic, thoracic, cardiovascular thoracic, gastrointestinal, or ENT conditions
- Summarize the clinical issues associated with preanesthesia testing, blood coagulation, postanesthesia care, monitoring, regional anesthesia, and pain medications
- Identify and address the challenges associated with anesthesia for patients with coexisting diseases
- Compare and contrast recent innovations in techniques, devices, and drugs for anesthesia and describe their implications for clinical practice



COMPREHENSIVE ANESTHESIOLOGY REVIEW AGENDA

(Times and topics are subject to change)

MONDAY, MARCH 24, 2014

7:00 am Registration/Continental Breakfast/Exhibits
7:30 am Welcome and Introduction
7:45 am – 5:45 pm (Lunch on own: 12:00 – 1:30 pm)

AIRWAY MANAGEMENT

- ASA Difficult Airway Algorithm
- Management of the Airway in Acute Trauma
- Anesthesia and Liver Disease
- Video Laryngoscopy Devices

ANESTHESIA FOR ENT SURGERY

- Anesthesia for Procedures in the Bronchoscopy Suite
- Use of Lasers for Airway Surgery
- Regional Anesthesia for the Airway
- Elective Jet Ventilation

ANESTHESIA AND COEXISTING DISEASE

- Pulmonary Disease
- Endocrine Disease
- Allergy, Anaphylaxis, and Anesthesia
- Neuromuscular Diseases

ANESTHESIOLOGY AND GASTROINTESTINAL DISEASE

- Rheumatoid Arthritis and Anesthesia
- Enteral and Parenteral Nutrition
- Gastric Emptying, GERD, and Reflux
- Morbid Obesity

OPTIONAL EVENING SESSIONS

6:00 – 7:30 pm
Written Board Preparation Session #1
OR
Oral Examination Strategy Seminar (A)

THURSDAY, MARCH 27, 2014

7:00 am Registration/Continental Breakfast/Exhibits
7:45 am – 5:45 pm (Lunch on own: 12:00 – 1:30 pm)

PREANESTHESIA TESTING

- AHA/ACC Guidelines for Cardiac Preop for Noncardiac Surgery
- Anesthetic Implications of Recent Coronary Artery Stenting
- Role of Beta Blockers and Statins in the Perioperative Period
- Anesthetic Implications of Herbal Medications

AMBULATORY ANESTHESIA

- Role of the Anesthesiologist in the GI Suite
- Anesthetic Implications of Obstructive Sleep Apnea
- Anesthesia for Procedures in the Electrophysiology Suite
- Conscious Sedation

GERIATRICS AND OPHTHALMOLOGY

- Anesthesia for Ophthalmic Surgery
- Anesthesia for Geriatric Patients
- Cardiopulmonary Resuscitation
- Neonatal Resuscitation

CRITICAL CARE ANESTHESIA

- Management of Respiratory Failure
- Circulatory Failure
- Sepsis
- Acute Renal Failure

OPTIONAL EVENING SESSIONS

6:00 – 7:30 pm
Written Board Preparation Session #4
OR
Ultrasound for Regional Anesthesia Workshop (F)
OR
Ultrasound for Central Venous Access (G)

TUESDAY, MARCH 25, 2014

7:00 am Registration/Continental Breakfast/Exhibits
7:45 am – 5:45 pm (Lunch on own: 12:00 – 1:30 pm)

NEUROANESTHESIA

- Neurophysiology
- Air Embolism and Positioning for Neurosurgery
- Interventional Neuroradiology
- Anesthesia for Spine Surgery

UROLOGIC ANESTHESIA

- Renal Physiology
- Renal Preservation
- Acid-Base Physiology
- Chronic Renal Failure

PEDIATRIC ANESTHESIOLOGY

- Pediatric Pharmacology
- Pediatric Fluids and Electrolytes
- Neonatal Surgical Emergencies
- Anesthesia for Children with Congenital Heart Disease

OBSTETRIC ANESTHESIOLOGY

- Perinatal Physiology and Pharmacology
- Third Trimester Bleeding and High-Risk Pregnancy
- Anesthesia for Nonobstetric Surgery in the Pregnant Patient
- Obstetric Regional Anesthesia

OPTIONAL EVENING SESSIONS

6:00 – 7:30 pm
Written Board Preparation Session #2
OR
Ultrasound for Regional Anesthesia Workshop (B)
OR
Emergency Airway Workshop (C)

FRIDAY, MARCH 28, 2014

7:00 am Registration/Continental Breakfast/Exhibits
7:45 am – 5:45 pm (Lunch on own: 12:00 – 1:30 pm)

POSTANESTHESIA CARE UNIT

- Anesthetic Issues in the PACU
- Temperature Regulation in the Perioperative Period
- Postoperative Nausea and Vomiting
- Arrhythmia

REGIONAL ANESTHESIA

- Upper Extremity Regional Anesthesia
- Lower Extremity Regional Anesthesia
- Central Neuraxial Blocks
- Complications of Regional Anesthesia

ORTHOPEDIC ANESTHESIA AND ACUTE PAIN

- Orthopedic Anesthesia
- Regional Anesthesia and Anticoagulants
- Pediatric Regional Anesthesia
- Acute Management of Major Trauma

PAIN MEDICINE

- Anatomy and Physiology of Acute versus Chronic Pain, and Therapeutic Implications
- Medical Management of Neuropathic Pain
- Interventions for Spine Pain
- Complications of Interventional Pain Management

OPTIONAL EVENING SESSIONS

6:00 – 7:30 pm
Written Board Preparation Session #5

WEDNESDAY, MARCH 26, 2014

7:00 am Registration/Continental Breakfast/Exhibits
7:45 am – 5:45 pm (Lunch on own: 12:00 – 1:30 pm)

CARDIOVASCULAR ANESTHESIOLOGY I

- Cardiovascular Anatomy, Physiology, and Monitoring
- Cardiovascular Pharmacology
- Ischemic Heart Disease
- The Patient with Valvular Heart Disease

CARDIOVASCULAR ANESTHESIOLOGY II

- The Heart Failure Patient
- The Basis of Mechanical Cardiac Support
- Anesthesia for Peripheral Vascular Surgery
- Abdominal and Thoracic Aortic Surgery

THORACIC ANESTHESIOLOGY

- Respiratory Anatomy and Physiology
- Preoperative and Intraoperative Management of the Thoracic Patient
- Postoperative Pain and Respiratory Failure Management of the Thoracic Patient
- The Pacemaker Patient

BLOOD/COAGULATION

- Intraoperative Assessment of Coagulation
- Hemoglobinopathies and Disorders of Coagulation
- Transfusion Reactions
- Consequences of Massive Transfusion

OPTIONAL EVENING SESSIONS

6:00 – 7:30 pm
Written Board Preparation Session #3
OR
Transesophageal Echo Workshop (D)
OR
Lung Isolation Workshop (E) (6:00 – 8:30 pm)

SATURDAY, MARCH 29, 2014

7:00 am Registration/Continental Breakfast/Exhibits
7:45 am – 5:45 pm (Lunch on own: 12:00 – 1:30 pm)

BASIC SCIENCE

- Pharmacology of Intravenous Agents
- Gases, Liquids, and Vapors
- Introduction to Biostatistics
- Malignant Hyperthermia

PHARMACOLOGY

- Basic Pharmacology for Anesthesiology
- Opioids
- Local Anesthetics
- Inhaled Anesthetic Agents

MONITORING

- Evoked Potential Monitoring
- Anesthetic Considerations for Procedures in the MRI Unit
- Neuromuscular Blockade and Reversal
- Hemodynamic Monitoring

EQUIPMENT

- Ventilators
- Electrical Safety
- Anesthesia Machines
- Cell Salvage and Auto Transfusion

MEETING ADJOURNED

Speakers will utilize the audience response system (ARS) during their presentations. They will be available during the refreshment breaks and lunch for questions.

Recording or reproducing of this course in any format is strictly prohibited.

GENERAL INFORMATION

Location

InterContinental Hotel and Bank of America Conference Center
9801 Carnegie Avenue
Cleveland, OH 44106
Phone: 216.707.4100 or 877.707.8999



Hotel Accommodations

A block of rooms has been reserved at the InterContinental Conference Hotel and InterContinental Suites Hotel until **5:00 pm, February 23, 2014**. To make your reservation, contact the hotel reservations department at 216.707.4100 or 877.707.8999. Please identify yourself as being with the **Cleveland Clinic Comprehensive Anesthesiology Review Course**.

Special rates are listed below:

- InterContinental Conference Hotel, \$190 single/double plus tax (online code **UXK**)
- InterContinental Suites Hotel, \$150 single/double plus tax (online code **UZO**)

The InterContinental Conference Hotel is located at 9801 Carnegie Avenue on the campus of Cleveland Clinic. The Suites Hotel is located at 8800 Euclid Avenue and is within walking distance to the InterContinental Hotel and Bank of America Conference Center.

Ground Transportation

Taxi service is available from Cleveland Hopkins International Airport to the InterContinental Hotel and Bank of America Conference Center.

Information

For further information about this course, contact the Cleveland Clinic Center for Continuing Education at:

Local: 216.448.0770
Toll Free: 800.238.6750

Web Address: www.ccfme.org/GoAnesReview

For questions about registering online, call 216.448.0777 or email cmeregistration@ccf.org.

Parking

Parking is available in the 100th Street Visitor's Parking Garage for a charge of \$10 per day. Valet parking is available at the hotel for an additional charge.

Registration and Cancellation

Preregistrations are accepted by fax or online until **5:00 pm ET, March 20, 2014**. To register after this date you must do so on-site. In case of cancellation, a full refund will be made if canceled by March 17, 2014. After March 17, 2014, a \$150 cancellation fee will be deducted from your refund. Written notification of your cancellation is required to process your refund.

NO REFUNDS WILL BE ISSUED AFTER MARCH 23, 2014.

Accreditation

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

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 56.75 *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.

The Ohio Board of Nursing will accept at face value the number of contact hours awarded for an educational activity that has been approved for CE by a nationally accredited system of CE approval. Therefore, the 56.75 *AMA PRA Category 1 Credits™* will be accepted for nursing credits.

This program has been prior approved by the American Association of Nurse Anesthetists for 56 CE credits; Code Number 1028695; Expiration Date 3/29/14.

Faculty Disclosure

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Americans with Disabilities Act

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify the Cleveland Clinic Center for Continuing Education at 216.448.0770 at least two weeks prior to the activity.



Registration Form

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Course #: 01110039

Two Ways to Register



ONLINE

ccfcme.org/GoAnesReview

Cleveland Clinic employee fees and registration are available online only.



BY MAIL

The Cleveland Clinic Educational Foundation
PO Box 931653, Cleveland, OH 44193-1082

Make check payable to:

The Cleveland Clinic Educational Foundation

Total check amount enclosed: \$ _____

Fees

Fee includes: meeting material, continental breakfasts, refreshment breaks, workshops, website access to "100 Tips for Passing the Boards", electrical outlet for laptops at each seat (no internet access)

	Full Course Paper and Data Stick Syllabus ☐ 6 Days Paper syllabus is available only with advance registration and payment until 5:00 pm ET March 10, 2014	Full Course Data Stick Syllabus ☐ 6 Days Closes March 20, 2014 5:00 pm ET	Per Day (2-Day Minimum) (includes per day Data Stick) ☐ MONDAY ☐ TUESDAY ☐ WEDNESDAY ☐ THURSDAY ☐ FRIDAY ☐ SATURDAY Closes March 20, 2014 5:00 pm ET
☐ Physician	\$895	\$795	\$195 (per day)
☐ Resident*/Fellow*	\$795	\$695	\$175 (per day)
☐ CRNA	\$895	\$795	\$195 (per day)
☐ CCF Alumni	\$815.50	\$715.50	\$175.50 (per day)
☐ SNA (full time)*	\$795	\$695	\$175 (per day)

*Letter from program director is required to receive the discounted fee. If letter is not received two weeks prior to the activity, the full physician fee will be charged.

Optional Evening Session Sign-up (6:00 pm – 7:30 pm) Please indicate your choice:

Monday, March 24:	☐ Written Board Preparation #1 OR ☐ Oral Examination Strategy Seminar (A)	Thursday, March 27:	☐ Written Board Preparation #4 ☐ Ultrasound for Regional Anesthesia Workshop (F) OR ☐ Ultrasound for Central Venous Access Workshop (G)
Tuesday, March 25:	☐ Written Board Preparation #2 OR ☐ Ultrasound for Regional Anesthesia Workshop (B) OR ☐ Emergency Airway Workshop (C)	Friday, March 28:	☐ Written Board Preparation #5
Wednesday, March 26:	☐ Written Board Preparation #3 OR ☐ Transesophageal Echo Workshop (D) OR ☐ Lung Isolation Workshop (E) (6:00 pm – 8:30 pm)		

For registration questions, please email cmeregistration@ccf.org or call 216.448.0777

Cleveland Clinic recognizes the importance of protecting the privacy and security of information provided to us. Therefore, we are no longer requesting credit card data in writing, including on registration forms or faxes. If you would like to register using a credit card, please log in to www.ccfcme.org/GoAnesReview or call 216.448.0777 where it will be handled directly by a certified processor.



Cleveland Clinic

The Cleveland Clinic Foundation
9500 Euclid Avenue, AC313
Cleveland, OH 44195

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