

PERIOPERATIVE MANAGEMENT



A COURSE DESIGNED
FOR PRACTITIONERS TO
LIMIT RISK AND IMPROVE
PATIENT OUTCOME BY PROPER
PREOPERATIVE EVALUATION, INTRAOPERATIVE
MANAGEMENT AND POSTOPERATIVE CARE

*From the Leader in Perioperative Medicine
NOW IN ITS 26th YEAR*

*Including up-to-date coverage of clinical controversies and
guidelines, 15 Clinical Vignettes, and preparation for
economic and legal challenges facing your practice*

Sunday – Wednesday

March 14-17, 2010

MARCO ISLAND MARRIOTT

Marco Island, Florida

Jointly provided by
The Institute for Johns Hopkins Nursing





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M E D I C I N E

The Johns Hopkins University School of Medicine
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CONTINUING MEDICAL EDUCATION

PERIOPERATIVE MANAGEMENT

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DATED MATERIAL

DESCRIPTION

Thirty million patients undergo surgical procedures in the US each year, and the age and medical complexity of this patient population is increasing. All these patients require preoperative assessment, intraoperative management, and postoperative care. Every year the body of peer-reviewed literature on this topic increases and new guidelines on perioperative management are formulated. In addition, economic and regulatory forces are creating new challenges for health care professionals. As the established leader in perioperative medicine, this course aims to provide the practitioner with the most up-to-date knowledge necessary for delivery of effective clinical care.

WHO SHOULD ATTEND

This activity is intended for anesthesiologists, surgeons, internal medicine specialists, family practitioners, nurse anesthetists, nurse practitioners and physician assistants

OBJECTIVES

After attending this activity, the participant will demonstrate the ability to:

1. Describe current guidelines for preoperative cardiac and pulmonary risk assessment and how to prevent and/or minimize cardiac and pulmonary complications using cost-effective preoperative testing and specific intraoperative and postoperative interventions.
2. Describe the perioperative risks associated with diabetes, obesity, hepatic disease, and advanced age and management strategies to minimize complications in these patients.
3. Describe bleeding and thrombotic risks in surgical patients and how to reduce complications through evidence-based use of blood conservation strategies, transfusion, and management of anti-thrombotic drug therapies.
4. Recognize how to prevent and treat infectious complications in surgical patients.
5. Recognize the impact of health care delivery systems and culture on the quality and safety of perioperative care and describe ways to improve patient outcome through changes in system structure and culture.

ACCREDITATION STATEMENT

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of The Johns Hopkins University School of Medicine and The Institute for Johns Hopkins Nursing. The

Johns Hopkins University School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENT

The Johns Hopkins University School of Medicine designates this educational activity for a maximum of 22.50 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

NURSING CREDIT PENDING

The Institute for Johns Hopkins Nursing is approved as a provider of nurse practitioner continuing education by the American Academy of Nurse Practitioners: AANP Provider Number 061216.

OTHER CREDIT

This activity has been reviewed and is acceptable for up to 22 prescribed credits by the American Academy of Family Physicians.

This course has been approved by the American Association of Nurse Anesthetists for 22 credits; Code Number 32110; Expiration Date: March 17, 2010.

American Academy of Physician Assistants accepts AMA Category 1 CME credit for the PRA from organizations accredited by ACCME.

POLICY ON SPEAKER AND PROVIDER DISCLOSURE

It is the policy of The Johns Hopkins University School of Medicine and the Institute for Johns Hopkins Nursing that the speaker and provider disclose real or apparent conflicts of interest relating to the topics of this educational activity, and also disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentation(s). The Johns Hopkins University School of Medicine OCME has established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the activity handout materials.

HISTORICALLY, THE HOTEL SELLS OUT QUICKLY. PLEASE MAKE YOUR RESERVATIONS EARLY.

**Marco Island Marriott
(800) 438-4373**

**Reservation Cut-Off Date:
Saturday, February 13, 2010**

GENERAL INFORMATION

REGISTRATION

Saturday, March 13 • 5:00 - 7:00 p.m. • Capri Foyer

Once registered, please join us for a reception at the Sunset Terrace South on Saturday from 5:00 - 7:00 p.m.

Sunday, March 14 • 7:00 - 7:45 a.m. • Capri Foyer

FEES

REGISTRATION CUT-OFF DATE:

March 9, 2010

Methods of Payment: Payment by check or credit card must accompany the registration form prior to the activity. On-site payments by credit card only. Foreign payments must be by credit card or with a U.S. Dollar World Money Order. The registration fee includes instructional materials, continental breakfasts, refreshment breaks, and welcome reception.

Physicians \$660

Residents*/Fellows*/Physician Assistants/

Nurse Anesthetists/ Nurse Practitioners/

Other Health Professionals\$585

*with verification of status

You will receive a confirmation by e-mail if you have provided your e-mail address. Otherwise confirmation will be sent by mail. If you have not received it by March 9, 2010, call (410) 502-9634 to confirm that you are registered. Certificates of attendance will be mailed by May 5, 2010.

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

SYLLABUS

There are three options available for obtaining the syllabus:

CD

All registrants will receive a CD with the lecture slides and paper for note taking. This is included in the cost of your registration.

Hard Copy with Binder

A hard copy of the syllabus can be ordered ahead of time and is available for an additional charge. (See Registration Page)

Online Version available for download

A link to the syllabus will be provided via email shortly before the activity, if you prefer to print the syllabus on your own.

(There is a business center at the conference facility, however, computers/printers are limited and the Marriott levies a charge for this service.)

LATE FEE AND REFUND POLICY

A \$50 late fee applies to registrations received after 5:00 p.m. EST on March 9, 2010. A handling fee of \$50 will be deducted for cancellation. Refund requests must be received by fax or mail by March 9, 2010. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins conference in lieu of cancellation is not possible.

SOCIAL EVENT

A complimentary welcome reception for registrants and family will be held on Saturday, March 13, from 5:00-7:00 p.m. on the Sunset Terrace South. Light snacks will be served. Pre-registration will also be available during that time. Please indicate your attendance on the registration form.

HOTEL AND TRAVEL INFORMATION

Marco Island Marriott (800) 438-4373

400 South Collier Boulevard (239) 394-2511

Marco Island, Florida 34145 Fax: (239) 642-2672

The newly renovated award winning Marco Island Marriott is scenically located directly on the Gulf of Mexico.

Marco is easily accessible by car, and nearby Naples offers incredible shopping and dining opportunities. With March temperatures averaging 80 degrees, the Marco Island Marriott is truly the perfect winter getaway meeting location!

HOTEL RESERVATION CUT-OFF DATE: FEBRUARY 13, 2010

Our special group room rate is \$362, single or double, plus state and local taxes. **If you intend to stay at the Marriott, please book early. The hotel is usually SOLD OUT by JANUARY 15 – before the hotel cut-off date.** Check in time is 4:00 p.m. and check out time is 11:00 a.m. All reservation requests require a credit card guarantee of one night's deposit. Deposits will be refunded for rooms cancelled more than seven days prior to arrival.

Call United Airlines at (800) 521-4041 for discounted rates and refer to Meeting ID Number 549TJ.

Avis Rent-A-Car

For car rental discounts, call Avis at (800) 331-1600 and mention AWD number A101999.

OUTCOMES SURVEY

An Outcomes Survey will be sent to all physician attendees within three months post activity to assist us in determining what impact this activity had on the attendee's practice.

**NEW SYLLABUS OPTIONS
AVAILABLE**

SPEAKERS

ACTIVITY DIRECTORS

Nauder Faraday, MD

Associate Professor of Anesthesiology/
Critical Care Medicine and Surgery
Director, Perioperative Hemostasis and Thrombosis
Research Laboratory
Director, Perioperative Genomic Research

Sean Berenholtz, MD, MHS, FCCM

Associate Professor of Anesthesiology/
Critical Care Medicine and Surgery
Director, ICU Performance Improvement Committee
Co-Director, Johns Hopkins Quality and Safety
Research Group

JOHNS HOPKINS FACULTY

Lauren Berkow, MD

Assistant Professor of Anesthesiology/
Critical Care Medicine and Otolaryngology and
Head and Neck Surgery
Director, Airway Services

David Bravos, MD

Assistant Professor of Anesthesiology/
Critical Care Medicine
Director, Regional Anesthesia

Todd Dorman, MD, FCCM

Professor of Anesthesiology/Critical Care Medicine,
Surgery, and Nursing
Associate Dean and Director of
Continuing Medical Education
Vice Chair, Dept. of Anesthesiology/
Critical Care Medicine

Leonard Feldman, MD

Assistant Professor of Medicine
Division of General Internal Medicine
Associate Residency Director
Director of Education,
Johns Hopkins Hospitalist Service

Derek Fine, MD

Associate Professor of Medicine
Division of Nephrology

Pamela Lipsett, MD, FACS, FCCM

Professor of Surgery and Anesthesiology/
Critical Care Medicine
Director, General Surgery and Surgical Critical Care
Training Programs
Co-Director, Surgical Intensive Care

Elizabeth Martinez, MD, MHS

Associate Professor of Anesthesiology/
Critical Care Medicine and Surgery
Medical Director, Adult PACUs

J. Bryan Sexton, PhD

Associate Professor of Anesthesiology/
Critical Care Medicine
Johns Hopkins Quality and Safety Research Group

Frederick Sieber, MD

Associate Professor of Anesthesiology/
Critical Care Medicine
Clinical Director, Johns Hopkins Bayview Campus

Tracey Stierer, MD

Assistant Professor of Anesthesiology/
Critical Care Medicine
Director, Division of Ambulatory Surgery

Jerry Stonemetz, MD

Staff Anesthesiologist
Chief Billing and Compliance Officer
Department of Anesthesiology/Critical Care Medicine

Ilan Wittstein, MD

Assistant Professor of Medicine
Division of Cardiology

GUEST FACULTY

Peter Rock, MD, MBA, FCCM, FCCP

Professor of Medicine, Surgery, and Anesthesiology
Martin Helrich Professor
Chair, Dept. of Anesthesiology, University of Maryland
School of Medicine
Chief of Anesthesiology, University of Maryland
Medical Center
Baltimore, Maryland

Brett Simon, MD, PhD

Professor and Chair
Department of Anesthesia, Critical Care, and
Pain Medicine
Beth Israel Deaconess Medical Center
Boston, Massachusetts

TO REGISTER or FOR FURTHER INFORMATION

Register Online www.HopkinsCME.edu
Register by Phone (410) 502-9634
Register by Fax (410) 955-0807
Confirmation/Certificates (410) 502-9634
General Information (410) 955-2959
E-mail the Office of CME cmenet@jhmi.edu

AMERICANS WITH DISABILITIES ACT

The Johns Hopkins University School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof. Please notify us if you have any special needs.

ACKNOWLEDGEMENT

Applications for commercial support from health care related industries are pending. A complete list of contributors will be provided in the syllabus.

PROGRAM

Sunday, March 14, 2010

- 7:00 - 7:45 Registration/Continental Breakfast
7:45 - 8:00 Conference Goals
8:00 - 8:30 **The Perioperative Stress Response**
Todd Dorman, MD, FCCM
8:30 - 9:00 **Preoperative Cardiac Risk Assessment and Testing**
Ilan Wittstein, MD
9:00 - 9:30 **Mechanisms, Monitoring, and Management of Patients with Coronary Artery Disease**
Nauder Faraday, MD
9:30 - 9:45 **Preoperative Evaluation: Optimized, Not Cleared**
Leonard Feldman, MD
9:45 - 10:00 **Evidence-Based Preoperative Testing**
Sean Berenholtz, MD, MHS, FCCM
10:00 - 10:15 **Questions and Answers**
10:15 - 10:30 Case Discussion with Faculty/
Refreshment Break
10:30 - 11:00 **Surgical Site Infections**
Pamela Lipsett, MD, FACS, FCCM
11:00 - 12:00 **Controversial Clinical Vignettes**

- Management of the Patient with both Coronary and Cerebrovascular Disease**
Nauder Faraday, MD
The Pre-Op Patient with a New Left Bundle Branch Block
Peter Rock, MD, MBA, FCCM, FCCP
The Preoperative Patient with a Pacemaker or AICD
Ilan Wittstein, MD
Perioperative Management of the Hypertensive Patient
Todd Dorman, MD, FCCM

- 12:00 - 12:30 **Perioperative Risks and Management of Pulmonary Hypertension**
Brett Simon, MD, PhD
12:30 - 12:45 **Question and Answers**

Monday, March 15, 2010

- 7:00 - 7:30 Continental Breakfast and Case Discussion with Faculty
7:30 - 7:45 **Questions and Answers**

- 7:45 - 8:15 **Preoperative Pulmonary Risk Assessment and Testing**
Peter Rock, MD, MBA, FCCM, FCCP

- 8:15 - 8:45 **Perioperative Management of Patients with Cardiomyopathy**
Todd Dorman, MD, FCCM

- 8:45 - 9:15 **Mechanisms and Management of Patients with Pulmonary Disease**
Peter Rock, MD, MBA, FCCM, FCCP

- 9:15 - 9:45 **Perioperative Management of Patients on Chronic Antithrombotic Therapy**
Nauder Faraday, MD

- 9:45 - 10:00 **Questions and Answers**

- 10:00 - 10:15 Case Discussion with Faculty/
Refreshment Break

- 10:15 - 10:45 **Preventing, Identifying and Managing Common Nosocomial Infections**
Pamela Lipsett, MD, FACS, FCCM

- 10:45 - 11:15 **Management of Perioperative Bleeding**
Nauder Faraday, MD

- 11:15 - 11:45 **The Preoperative Patient with Obstructive Sleep Apnea**
Peter Rock, MD, MBA, FCCM, FCCP

- 11:45 - 12:30 **Controversial Clinical Vignettes: Perioperative Management of the Obese Patient**
Lauren Berkow, MD

- Regional vs. General Anesthesia: Does It Change Outcome?**
Elizabeth Martinez, MD, MHS

- Managing the Difficult Airway**
Lauren Berkow, MD

- 12:30 - 12:45 **Questions and Answers**

Tuesday, March 16, 2010

- 7:00 - 7:30 Continental Breakfast and Case Discussion with Faculty

- 7:30 - 7:45 **Questions and Answers**

- 7:45 - 8:15 **Perioperative Fluid Management**
Pamela Lipsett, MD, FACS, FCCM

- 8:15 - 8:45 **Perioperative Renal Dysfunction**
Derek Fine, MD

8:45 - 9:15 **Perioperative Management of Diabetes and Hyperglycemia**
Leonard Feldman, MD

9:15 - 9:45 **Post-Operative Delirium, Cognitive Decline, and Depression**
Frederick Sieber, MD

9:45 - 10:00 **Questions and Answers**

10:00 - 10:15 Case Discussion with Faculty/
Refreshment Break

10:15 - 10:45 **Perioperative Risks and Management of the Elderly Patient**
Frederick Sieber, MD

10:45 - 11:15 **Essentials of Acute Pain Management**
David Bravos, MD

11:15 - 12:15 **Controversial Clinical Vignettes: Allergy and Anaphylaxis**
Todd Dorman, MD

Perioperative Management of Steroids and Adrenal Insufficiency
Derek Fine, MD

Pain Management in the Opioid-Tolerant Patient: A Case-Based Discussion
David Bravos, MD

12:15 - 12:45 **Perioperative Management of the Patient with Hepatic Disease**
Brett Simon, MD, PhD

12:45 - 1:00 **Questions and Answers**

Wednesday, March 17, 2010

7:00 - 7:30 Continental Breakfast and Case Discussion with Faculty

7:30 - 7:45 **Questions and Answers**

7:45 - 8:15 **Perioperative DVT and Pulmonary Embolism**
Nauder Faraday, MD

8:15 - 8:45 **Management of Patients for Procedures in Ambulatory and Non-OR Locations**
Tracey Stierer, MD

8:45 - 9:15 **Improving Perioperative Quality and Safety through System and Culture Change**
Sean Berenholtz, MD, MHS, FCCM

9:15 - 9:45 **Health Care Provider Stress: Recognition and Management to Improve Patient Outcomes**
J. Bryan Sexton, PhD

9:45 - 10:00 **Questions and Answers**

10:00 - 10:15 Case Discussion with Faculty/
Refreshment Break

10:15 - 10:45 **Establishing an Effective Preoperative Evaluation Center: Practical Considerations for You and Your Institution**
Jerry Stonemetz, MD

10:45 - 11:15 **Pay-for-Performance in Perioperative Medicine**
Elizabeth Martinez, MD, MHS

11:15 - 12:30 **Controversial Clinical Vignettes: Postoperative Nausea and Vomiting**
Tracey Stierer, MD

Monitoring Intraoperative Awareness and CNS Function
Frederick Sieber, MD

Improving the Quality of Sepsis Care
Sean Berenholtz, MD, MHS, FCCM

Regulatory Compliance and Pay-for-Performance: Financial Implications for Your Practice and Institution
Jerry Stonemetz, MD

Medico-Legal Liability in Perioperative Medicine: Common Pitfalls and How to Avoid Them
Jerry Stonemetz, MD

12:30 - 12:45 **Questions and Answers**

12:45 **Summary**

Adjourn – Please complete and return the Evaluation and Credit Report Forms.

The Johns Hopkins University School of Medicine and the Institute for Johns Hopkins Nursing take responsibility for the content, quality and scientific integrity of this CME activity. This schedule is subject to change.

MARK YOUR CALENDAR

Future date for Perioperative Management at the Marriott Marco Island March 13-16, 2011

REGISTRATION FORM

Course Number 80020789

Perioperative Management – In Its 26th Year

March 14-17, 2010

To Register: Online: www.HopkinsCME.edu By fax: (866) 510-7088

By phone (credit card only): (410) 502-9634

Or mail this form to The Johns Hopkins University, Office of Continuing Medical Education, P.O. Box 64128, Baltimore, Maryland 21264-4128. Include check payable to HOPKINS/80020789 or include credit card information below.

PAYMENT MUST ACCOMPANY FORM TO CONFIRM YOUR REGISTRATION.

Please type or print clearly:

last name first name middle initial

primary degree (for name badge) primary specialty

preferred mailing address

city state ZIP + 4 code country

daytime telephone fax number

e-mail

You will receive confirmation notice by e-mail if you provide your e-mail address.

Check here if you wish to receive e-mail and/or fax notices about upcoming CME activities.

I will attend the complimentary pre-conference reception on Saturday evening.

What do you hope to learn by attending this activity?

Please notify us if you have any special needs.

Registration Fees:

Physicians.....\$660

Residents*/Fellows*/Physician Assistants/Nurse Anesthetists/Nurse Practitioners/
Other Health Professionals.....\$585
*with verification of status

Hard Copy of Syllabus (a CD/electronic copy of the syllabus is included in the registration fee)..... \$ 35

For registrations received after 5:00 p.m. EST on March 9, 2010, include a \$50 late fee. On-site registrations are payable only by credit card.

Total amount enclosed \$ _____

Payment Type:

JHU Faculty/Staff Only: Complete registration form and return with appropriate form below to OCME, Turner 20.

Internal Order Number: The ION Data Request Form, can be found online at
<http://www.hopkinscme.edu/pdfs/IonRequest.pdf>.

Tuition Remission: To apply for TR, go to <http://benefits.jhu.edu/EduBenefits/tuitionRemission.cfm>.
This is a non-credit professional development activity.

Check (See instructions on top of form.)

Credit Card: VISA MASTERCARD DISCOVER AMEX

Card # _____ - _____ - _____ - _____ Exp. Date _____

Name on Card

Signature & Date