

The Carolina Refresher Course is structured to provide lectures and small group discussions in the morning, with the afternoons free to relax and enjoy the amenities of this beautiful barrier island or explore the nearby historic city of Charleston. We hope you will be able to join us at this exceptional venue for what promises to be a relaxing and enjoyable week of continuing medical education at its finest.

WELCOME TO THE CAROLINA REFRESHER COURSE, a unique and enjoyable learning experience utilizing interactive lectures, speaker question and answer panels, lunch and learn small group problem-based learning discussions, and an ACLS re-certification course. We offer you a faculty of internationally known guest speakers, along with our outstanding UNC faculty in medicine and anesthesiology.



DAVID HARDMAN, MD, MBA
 Professor and Vice Chair for Professional Affairs
 University of North Carolina at Chapel Hill
 Carolina Refresher Course Director

NATE P. PAINTER, MD
 Assistant Professor of Anesthesiology
 University of North Carolina at Chapel Hill
 Carolina Refresher Course Co-Director

OTHER GUEST SPEAKERS

TODD W. SMYTH, ESQ.
 Smyth Whitley, LLC
 Charleston, SC

JOSEPH COSTY, MBA
 Field Claim Manager at Medical Protective
 Wilmington, NC

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL FACULTY

DEPARTMENT OF MEDICINE

JOHN P. YAVALLE, MD, MHS
 Assistant Professor of Medicine

DEPARTMENT OF ANESTHESIOLOGY

GREG BALFANZ, MD
 Assistant Professor of Anesthesiology

TY L. BULLARD, MD
 Assistant Professor of Anesthesiology
 and Obstetrics and Gynecology

MARJORIE A. STIEGLER, MD
 Associate Professor of Anesthesiology

EMILY G. TEETER, MD
 Assistant Professor of Anesthesiology

ELSJE HARKER, MD
 Assistant Professor of Anesthesiology,
 Obstetrics and Gynecology

CAROLINA REFRESHER COURSE FACULTY

COURSE DIRECTORS

DAVID HARDMAN, MD, MBA
 Professor and Vice Chair for Professional Affairs
 University of North Carolina at Chapel Hill
 Carolina Refresher Course Director

NATE P. PAINTER, MD
 Assistant Professor of Anesthesiology
 Course Co-Director

GUEST FACULTY

RICHARD N. SLADEN, MB, CHB, FCCM
 Professor of Anesthesiology and Surgery
 Columbia University

JOSEPH M. NEAL, MD
 Immediate Past Editor in Chief, Anesthesiology
 and Pain Medicine Virginia Mason Hospital
 and Seattle Medical Center

JERROLD H. LEVY, MD, FAHA, FCCM
 Professor of Anesthesiology
 Associate Professor of Surgery
 Co-Director, Cardiothoracic ICU
 Duke University Medical Center

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for big discounts on registration fees!

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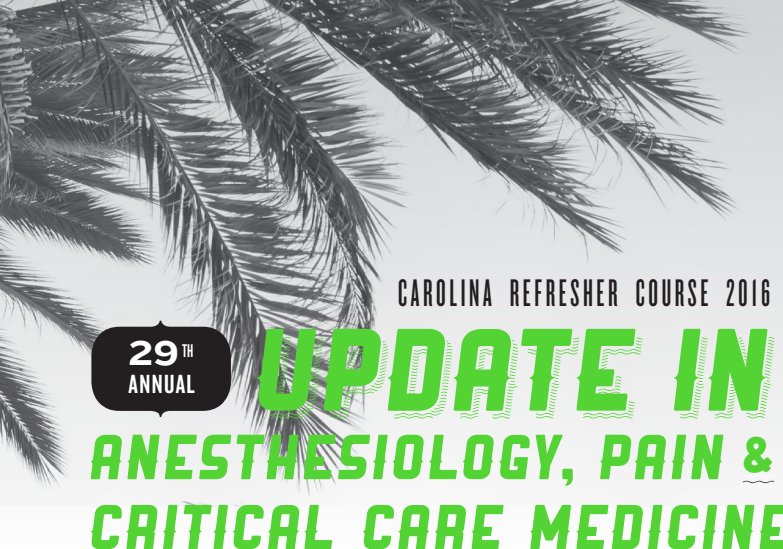


29TH ANNUAL CAROLINA REFRESHER COURSE 2016

UPDATE IN ANESTHESIOLOGY, PAIN & CRITICAL CARE MEDICINE



KIAWAH ISLAND, SOUTH CAROLINA / JUNE 22-25, 2016



29TH
ANNUAL

CAROLINA REFRESHER COURSE 2016

UPDATE IN ANESTHESIOLOGY, PAIN & CRITICAL CARE MEDICINE

DAILY AGENDA / JUNE 22-25, 2016

TIME	WEDNESDAY, JUNE 22	OPTIONAL Problem-Based Learning Discussions
6:15 - 6:55	Continental Breakfast, Exhibit Area Open	
6:55 - 7:00	Welcome and Daily Announcements David Hardman, MD, MBA Nate P. Painter, MD	12:00 - 1:00 Whose Body Is It Anyway?! Informed Consent/Assent in the Pediatric Patient Sara L. Pittenger, MD
7:00 - 7:30	Medical Malpractice: My Experience Defending Health Care Providers Todd W. Smyth, Esq.	12:00 - 1:00 Anesthesia for the Pediatric Patient M. Concetta Lupa, MD
7:30 - 8:00	So You Are Getting Deposed? Now What? Fran J. D'Ercole, MD	12:00 - 1:00 Managing Outpatient Peripheral Nerve Catheters Ty L. Bullard, MD
8:00 - 8:30	What Your Insurance Carrier Wants You to Know Joseph Costy, MBA	12:00 - 1:00 Medical Malpractice Roundtable Joseph Costy, MBA Fran J. D'Ercole, MD Todd W. Smyth, Esq.
8:30 - 9:00	Panel Q&A with Faculty David Hardman, MD, MBA Nate P. Painter, MD	
9:00 - 9:30	Break and Exhibits	
9:30 - 10:00	What's New in the Pediatric Literature and How Will It Affect Your Practice? M. Concetta Lupa, MD	
10:00 - 10:30	Pediatric Anesthesia and Safety Sara L. Pittenger, MD	
10:30 - 11:00	Dealing with Intraoperative Awareness Ty L. Bullard, MD	
11:00 - 11:30	Parental Presence at Induction: Pro-Con Debate M. Concetta Lupa, MD Sara L. Pittenger, MD	
11:30 - 12:00	Panel Q&A with Faculty David Hardman, MD, MBA Nate P. Painter, MD	

TIME	THURSDAY, JUNE 23
6:15 - 6:55	Continental Breakfast, Exhibit Area Open
6:55 - 7:00	Daily Announcements David Hardman, MD, MBA Nate P. Painter, MD
7:00 - 7:30	Critical Care Update 2016 Richard N. Sladen, MB, CHB, FCCM
7:30 - 8:00	Perioperative ACE-Is: The Controversy Continues Lavinia M. Kolarczyk, MD
8:00 - 8:30	Upper Extremity Regional Anesthesia Joseph M. Neal, MD
8:30 - 9:00	Panel Q&A with Faculty David Hardman, MD, MBA Nate P. Painter, MD
9:00 - 9:30	Break and Exhibits
9:30 - 10:00	Will We Ever Meaningfully Reduce the Complications of Regional Anesthesia? Joseph M. Neal, MD

10:00 - 10:30	Why Modern Decision Support Fails to Prevent Errors Marjorie A. Stiegler, MD
10:30 - 11:00	The ERAS Experience at UNC Lavinia M. Kolarczyk, MD
11:00 - 11:30	Emergency Surgical Airway—Are You Prepared to Make the Cut? Sharon T. Kapeluk, MD
11:30 - 12:00	Panel Q&A with Faculty David Hardman, MD, MBA Nate P. Painter, MD
	OPTIONAL Problem-Based Learning Discussions
12:00 - 1:00	Providing Expert Patient Quality Care When You are Not an Expert: Application of Crisis Resource Management Skills Robert S. Isaak, DO
12:00 - 1:00	Designing Anesthesia Services Coverage for Outside Locations: Pearls and Pitfalls Greg Balfanz, MD
12:00 - 1:00	The Continuing Evolution of NPO Guidelines: What's for Breakfast Nate P. Painter, MD
12:00 - 1:00	Perioperative Approach to the Newly Diagnosed Hypertensive Patient Lavinia M. Kolarczyk, MD

TIME	FRIDAY, JUNE 24
6:15 - 6:55	Continental Breakfast, Exhibit Area Open
6:55 - 7:00	Daily Announcements David Hardman, MD, MBA Nate P. Painter, MD
7:00-7:30	Preoperative Cardiac Evaluation and What's Recommended for 2016 Robert N. Sladen, MB, CHB, FCCM
7:30-8:30	The Transcatheter Aortic Valve Replacement (TAVR) Procedure: Past, Present and Future John P. Vavalle, MD, MHS
8:30-9:00	Panel Q&A with Faculty David Hardman, MD, MBA Nate P. Painter, MD
9:00-9:30	Break and Exhibits
9:30-10:00	From Anti-coagulants to Pro-coagulants: Understanding the Coagulation Cocktails Jerrold H. Levy, MD, FAHA, FCCM
10:00-10:30	Pulmonary Hypertension: Pearls and Pitfalls Emily G. Teeter, MD

10:30-11:00	New Concepts in the Treatment of Bleeding Jerrold H. Levy, MD, FAHA, FCCM
11:00-11:30	ASRA Practice Advisories: What's New? Joseph M. Neal, MD
11:30 - 12:00	Expert Panel and Daily Review with Faculty David Hardman, MD, MBA
	OPTIONAL Problem-Based Learning Discussions
12:00 - 1:00	Creating Pathways for Improvement at Your Institution: A QI Workshop Robert S. Isaak, DO Lavinia M. Kolarczyk, MD
12:00 - 1:00	Regional Anesthesia Roundtable Joseph M Neal, MD
12:00 - 1:00	How to Prevent Failure of the Labor Epidural to Convert to a Surgical Anesthetic and What to do When It Happens Kathleen A. Smith, MD
12:00 - 1:00	Non-Cardiac Surgery for the Patient with an LVAD Emily G. Teeter, MD
	ACLS RECERTIFICATION Nate P. Painter, MD Greg Balfanz, MD Renee Rosiek, NP

TIME	SATURDAY, JUNE 25
6:15 - 6:55	Continental Breakfast, Exhibit Area Open
6:55 - 7:00	Daily Announcements David Hardman, MD, MBA Nate P. Painter, MD
7:00 - 7:30	Management of Acute Cardiovascular Dysfunction and Heart Failure Jerrold H. Levy, MD, FAHA, FCCM
7:30 - 8:00	Structural Heart Disease: An Emerging Specialty John P. Vavalle, MD
8:00 - 8:30	Alpha Agonists in Anesthesia: True Comfort for the Critically Ill? Robert N. Sladen, MB, CHB, FCCM
8:30 - 9:00	Panel Q&A with Faculty David Hardman, MD, MBA Nate P. Painter, MD
9:00 - 9:30	Break and Exhibits
9:30 - 10:00	Epidural Steroid Injections for Neck and Back Pain: Current Concepts and Controversies Brooke A. Chidgey, MD

10:00 - 10:30	Platelet rich plasma (PRP) injections for musculoskeletal pain: What is the Evidence? Dominika L. James, MD
10:30 - 11:00	Post-partum Headache: The epidural isn't always to blame Kathleen A. Smith, MD
11:00 - 11:30	Nitrous Oxide and Labor Analgesia: Pro-Con Debate Elsje Harker, MD Kathleen A. Smith, MD
11:30 - 12:00	Panel Q&A with Faculty David Hardman, MD, MBA Nate P. Painter, MD
	OPTIONAL Problem-Based Learning Discussions
12:00 - 1:00	Difficult Situations: Reframing Tools for More Effective Leadership Marjorie A. Stiegler, MD
12:00 - 1:00	Anesthetic Considerations for Patients with Psychiatric Disorders Kimberley R. Nichols, MD
12:00 - 1:00	Help! My next patient is on Butrans, Nucynta, and Gralise for Chronic Pain: Perioperative Care of a Chronic Pain Patient Brooke A. Chidgey, MD
12:00 - 1:00	My Patient's Platelet Count is 50,000! What are her options for Labor Analgesia Elsje Harker, MD



REGISTER ONLINE AT AIMS.UNC.EDU

Scan the code to get started.

CONFERENCE LOCATION All sessions will be conducted at the East Beach Conference Center, Kiawah Island Resort. Kiawah Island is 21 miles south of Charleston and a 45-minute drive from Charleston International Airport (CHS). Additional resort information is available at www.kiawahisland.com.

Kiawah Island Resort is on a lush barrier island with unspoiled beaches, great visibility due to lack of high rises, waterways perfect for kayaking, and one of the top US golf courses. And be sure to sample the Southern charm, sights and world-class restaurants of Charleston, one of the best preserved colonial cities in America.

STAYING IN KIAWAH A block of 1- and 2-bedroom condos has been reserved for attendees of the Carolina Refresher Course at the Kiawah Island Resort. To make a reservation, please call Kiawah

CONFERENCE PRICING

Registration Fee:	Before 12/31	Before 03/14	After 03/14	On Site
Physician	\$635	\$675	\$750	\$799
CRNA, Resident, Fellow, Allied Health	\$550	\$585	\$650	\$699

Lunch and Learn
Problem-Based Learning Discussion sessions will incur an additional registration fee of \$35 but will include whole fruit, granola bars, a soft drink or bottled water, and coffee and tea. They are limited to 12 participants each, so please register early as they tend to fill quickly. Case discussions and references will be emailed to registered attendees two weeks prior to the course.

The registration fee includes a flash drive containing teaching materials, breakfast each morning, and refreshments during the meeting breaks. Residents must provide a letter from the residency program director at the time of registration to qualify for the reduced rate.

EDUCATIONAL OBJECTIVES

- Describe the importance of malpractice insurance and how the judiciary system functions when you are named as a defendant
- Analyze new endovascular techniques for advanced cardiac procedures
- Describe the latest information regarding the management of anesthetics in pediatric cases, including ensuring safety and well-being during induction, what medications should be given the day of surgery and how to manage those effects, and the use of new coagulants and anti-coagulants in the perioperative period and how that can affect anesthetic management of those patients
- Assess the function and viability of an Enhanced Recovery After Surgery (ERAS) program for certain surgical procedures
- Evaluate current treatment modalities for chronic pain and their effectiveness, and discuss evidence for utilization of novel techniques

STATEMENT OF NEED Anesthesiology, Pain, and Critical Care Medicine are medical disciplines uniquely characterized by an exponentially expanding base of peer reviewed literature, evolving technology, and new techniques combined with ever increasing clinical realms of practice in which this novel information is relevant. The Carolina Refresher Course seeks to present a portion of this material in a format that emphasizes utility, practicality, and retention so that the content learned may be easily and effectively applied in the improvement of patient safety, comfort, and satisfaction.

TARGET AUDIENCE The course is designed for physicians, including but not limited to anesthesiologists, critical care specialists, pain specialists, surgeons, and internists, as well as nurse anesthetists, anesthesiology resident and fellow physicians, anesthesiologist assistants, and allied services practitioners.

CREDIT DESIGNATION STATEMENT

PHYSICIANS: The Mountain AHEC designates this educational activity for a maximum of 22.0 AMA PRA Category I Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.
CRNAs: This program has been approved by the American Association of Nurse Anesthetists for a maximum of 22.0 CE credits; Code Number 1030007; Expiration Date 6/27/2015. CRNAs should only claim credit commensurate with the extent of their participation in the activity.

ACCREDITATION This activity has been planned and implemented in accordance with the accreditation requirements and policies of the North Carolina Medical Society (NCMS) through the joint providership

of the Mountain Area Health Education Center and UNC School of Medicine Department of Anesthesiology. The Mountain Area Health Education Center is accredited by the NCMS to provide continuing medical education for physicians. Island Resort at (800) 654-2924 and identify yourself with the UNC School of Medicine, booking code 10350. Individuals are responsible for making their own reservations. A non-refundable deposit equal to one night's stay per reserved accommodation is required. The deposit guarantees accommodations for the scheduled arrival day and will be applied to the last night's reservation. Early departure, or failure to arrive on the scheduled arrival day, will result in forfeiture of the deposit. It is recommended that reservations be made at the earliest opportunity. There are a limited number of rooms at the preferred rate, and they book quickly! In addition, a limited block of rooms is available at the beachfront Sanctuary luxury hotel upon request. Please contact Kiawah Resort for prices and availability.

KIAWAH ISLAND CONDOMINIUM ROOM RATES
One Bedroom \$235, Two Bedroom \$280

ACLS Recertification Workshop
Friday, June 24, 7:00a-1:00p
Cost: \$150
Enrollment limited to 24 attendees
Faculty: Greg Balfanz, MD; Nate P. Painter, MD; Renee Rosiek, NP

of the Mountain Area Health Education Center and UNC School of Medicine Department of Anesthesiology. The Mountain Area Health Education Center is accredited by the NCMS to provide continuing medical education for physicians.

CONTACT INFORMATION For additional information, please send an email to: anesthesiologycme@aims.unc.edu with "CRC 2016" in the subject line. You may also contact Mountain AHEC, at registration@mahec.net or (828) 257-4475.

POLICY ON FACULTY AND SPONSOR DISCLOSURES

The Mountain Area Health Education Center adheres to ACCME Essential Areas, Standards, and Policies regarding industry support of continuing medical education. Disclosure of the planning committee and faculty's commercial relationships will be made known at the activity. Speakers are required to openly disclose any limitations of data and/or any discussion of any off-label, experimental, or investigational uses of drugs or devices in their presentations.

ADA STATEMENT If any attendee requires the use of auxiliary aids or services identified by the Americans with Disabilities Act in order to attend the conference, he or she should contact Customer Service (registration@mahec.net) at Mountain AHEC to make the needed arrangements.

REFUND/CREDIT/PAYMENT/CANCELLATION POLICY

Registrants canceling at least one month in advance of the program will receive a full refund of the conference registration price. No refunds will be issued on cancellations received 30 days or less in advance of the program start date. All cancellations must be submitted in writing (fax, email, or mail).