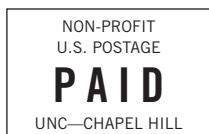




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27TH ANNUAL PROGRAM

CAROLINA REFRESHER COURSE 2014

Update in Anesthesiology, Pain, & Critical Care Medicine

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JUNE 25-29, 2014



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WELCOME TO THE CAROLINA REFRESHER COURSE, a unique and enjoyable learning experience utilizing interactive lectures, pro-con debates, problem based learning discussions, speaker panels, and a variety of hands-on workshops conducted by faculty recognized as leaders in the field. New for 2014: We are partnering with the Medical University of South Carolina to offer, as a pre-conference activity, a Maintenance of Certification in Anesthesiology (MOCA) certified simulation course at a two-hundred dollar discount to our registrants.

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*Professor and Vice Chair
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27TH ANNUAL PROGRAM

CAROLINA REFRESHER COURSE 2014:
*Update in Anesthesiology,
Pain, & Critical Care Medicine*
DAILY AGENDA JUNE 25-29, 2014

TIMEWEDNESDAY, JUNE 25, 2014

6:55 - 7:00	Welcome and Daily Announcements David Hardman, MD, MBA
7:00 – 7:30	Social Media, Medicine and You Ryan D. Madanick, MD, MSCR
7:30 - 8:00	Cognitive Errors in Anesthesia Practice Marjorie A. Stiegler, MD
8:00 - 8:30	Preoperative Cardiac Evaluation and What's Recommended for 2014 Robert N. Sladen, MB ChB, FCCM
8:30 - 9:00	Panel and Daily Review with Faculty David Hardman, MD, MBA
9:00 - 9:30	Break and Exhibits
9:30 - 10:00	Care of the Cardiac Arrest Patient and the Use of Therapeutic Hypothermia Jason N. Katz, MD, MHS
10:00- 10:30	The Right Stuff: Finding Quality Medical Information Quickly in the Information Age Ryan D. Madanick, MD, MSCR
10:30 - 11:00	Acquired Coagulation Defects in Anesthesia Alice D. Ma, MD
11:00 - 11:30	Break and Exhibits
11:30- 12:00	Ambulatory Anesthesia Practice: Challenges, Controversies, and Recent Developments Ty L. Bullard, MD
12:00-12:30	Panel and Daily Review with Faculty David Hardman, MD, MBA
12:30- 1:30	Lunch on your own <i>Problem-Based Learning Discussions</i>
1:30- 2:30	What to Expect and How to Prepare for Your MOCA Simulation Exam Marjorie A. Stiegler, MD
1:30-2:30	Creating Your Medical Social Media Presence: A Hands-On Guide to Twitter, Tweets, Etc. Ryan D. Madanick, MD, MSCR
1:30-2:30	Managing Outpatient Peripheral Nerve Catheters Ty L. Bullard, MD
	<i>Workshops</i>
1:30-3:30	Echo Workshop 1 Priya A. Kumar, MD Jason N. Katz, MD, MHS Harendra Arora, MD

TIMETHURSDAY, JUNE 26, 2014

6:55 - 7:00	Daily Announcements David Hardman, MD, MBA
7:00 – 7:30	Management of Hemodynamic Crises in the OR and PACU Priya A. Kumar, MD
7:30 - 8:00	Congenital Coagulation Defects in Anesthesia and Surgery Alice D. Ma, MD

8:00- 8:30	Endovascular Procedures: Anesthetic Approaches and Perioperative Considerations Harendra Arora, MD
8:30 - 9:00	Panel and Daily Review with Faculty David Hardman, MD, MBA
9:00 - 9:30	Break and Exhibits
9:30 - 10:00	Perioperative Considerations for the Patient with Asthma and Bronchospasm Robert N. Sladen, MB ChB, FCCM
10:00- 10:30	Hot Topics in Pediatric Anesthesia Ann G. Bailey, MD
10:30 - 11:00	Innovative Techniques in Regional Anesthesia: Quadratus Lumborum and Dual TAP Blocks Jens Borglum, MD, PhD
11:00 -11:30	Break and Exhibits
11:30 -12:00	Truncal Blocks are Better Than Epidurals for Analgesia after Abdominal Surgery Pro: Jens Borglum, MD, PhD Con: Robert Weller, MD Rebuttal: Jens Borglum, MD, PhD Rebuttal: Robert Weller, MD
12:00-12:30	Panel and Daily Review with Faculty David Hardman, MD, MBA
12:30- 1:30	Lunch on your own <i>Problem-Based Learning Discussions</i>
1:30-2:30	Pediatric Anesthesia Emergencies Ann G. Bailey, MD
1:30-2:30	Case Studies in Coagulation Management Alice D. Ma, MD
1:30-2:30	Demonstration of Novel Ultrasound-Guided Block Techniques Jens Borglum, MD, PhD Thomas F. Bendtsen, MD, PhD
	<i>Workshops</i>
1:30-3:30	Echo Workshop 2 Priya A. Kumar, MD Jason N. Katz, MD, MHS Harendra Arora, MD

TIMEFRIDAY, JUNE 27, 2014

6:55-7:00	Daily Announcements David Hardman, MD, MBA
7:00-7:30	Acute Renal Failure: What Can We Do About It? Robert N. Sladen, MB ChB, FCCM
7:30-8:00	Pacemakers and ICDs in the Perioperative Setting: Essentials for Anesthesiologists Jason N. Katz, MD, MHS
8:00-8:30	Upper Extremity Ultrasound-Guided Blocks: Update and Review Vincent W.S. Chan, MD, FRCPs, FRCA
8:30-9:00	Panel and Daily Review with Faculty David Hardman, MD, MBA

9:00-9:30	Break and Exhibits
9:30-10:00	Is There an Ideal Anesthetic Technique for Intracranial Procedures? David L. McDonagh, MD
10:00-10:30	Why Are You Hanging that Unit of Blood? Anthony N. Passannante, MD
10:30-11:00	Lower Extremity Ultrasound-Guided Blocks: Update and Review Vincent W.S. Chan, MD, FRCPs, FRCA
11:00-11:30	Break and Exhibits
11:30-12:00	Patient Safety: Does the Anesthesia Care Team Contribute to Infection Risk? Anthony N. Passannante, MD
12:00-12:30	Panel and Daily Review with Faculty David Hardman, MD, MBA
12:30-1:30	Lunch on your own <i>Problem-Based Learning Discussions</i>
1:30-2:30	Care for Some Tea with that Toast? NPQ Practices for Adult and Pediatric Procedures Nate P. Painter, MD
1:30-2:30	Tricks, Tips and Traps: How to Successfully Prepare For and Manage Conflict in the Workplace David A. Zvara, MD
1:30-2:30	Demonstration of Novel Ultrasound-Guided Block Techniques Jens Borglum, MD, PhD Thomas F. Bendtsen, MD, PhD

TIME SATURDAY, JUNE 28, 2014

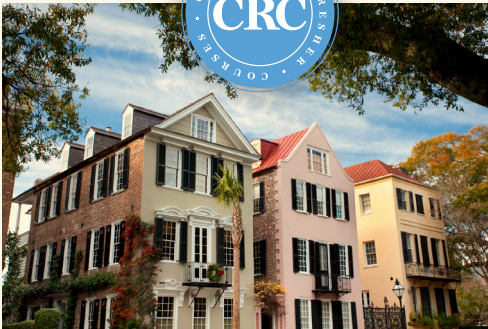
6:55-7:00	Daily Announcements David Hardman, MD, MBA
7:00-7:30	Controversies and New Developments in Regional Anesthesia Vincent W.S. Chan, MD, FRCPs, FRCA
7:30-8:00	Preoperative Care of the Patient with Cerebral Aneurysm Disease David L. McDonagh, MD
8:00-8:30	Innovative Techniques in Regional Anesthesia: Suprasacral Parallel Shift for Lumbo-Sacral Blockade Thomas F. Bendtsen, MD, PhD
8:30-9:00	Panel and Daily Review with Faculty David Hardman, MD, MBA
9:00-9:30	Break and Exhibits
9:30-10:00	What's New in Obstetrical Anesthesia? Kathleen A. Smith, MD
10:00-10:30	Congenital Heart Disease and Non-Cardiac Surgery: Now What? Peggy P. McNaull, MD
10:30-11:00	Morbid Obesity: Facing Perioperative Challenges Without Getting Crushed Lavinia M. Kolarczyk, MD
11:00-11:30	Break and Exhibits

11:30-12:00	Stressful Pediatric Cases in Everyday Practice M. Concetta Lupa, MD
12:00-12:30	Panel and Daily Review with Faculty David Hardman, MD, MBA
12:30-1:30	Lunch on your own <i>Problem-Based Learning Discussions</i>
1:30-2:30	Tricks, Tips and Traps: How to Successfully Prepare For and Manage Conflict in the Workplace David A. Zvara, MD
1:30-2:30	Coronary Artery Stents: Keeping Them Patent in Your Patient Priya A. Kumar, MD
1:30-2:30	Anticoagulation and Neuraxial Anesthesia Harendra Arora, MD
	<i>Workshops</i>
7:00-1:00	ACLS Recertification Workshop Greg Balfanz, MD Nate P. Painter, MD Robert W. Kyle, DO
1:30-5:00	Regional Workshop Harendra Arora, MD Vincent W.S. Chan, MD, FRCPs, FRCA Gavin Martin, MD, MBBS Jens Borglum, MD, PhD Thomas F. Bendtsen, MD, PhD David Hardman, MD, MBA Sylvia Wilson, MD Stuart A. Grant, MB ChB Robert Weller, MD



TIME SUNDAY, JUNE 29, 2014

6:55-7:00	Daily Announcements David Hardman, MD, MBA
7:00-7:30	Anaphylaxis and Anaphylactoid Reactions: Myths, Facts, and Treatment Recommendations Robert S. Isaak, DO
7:30-8:00	Pregnancy and Non-Obstetric Surgery Kathleen A. Smith, MD
8:00-8:30	Adventures in Neuroradiology David L. McDonagh, MD
8:30-9:00	Anesthesiology: A Vision for the Future David A. Zvara, MD
9:00-9:30	Panel and Daily Review with Faculty/Adjournment David Hardman, MD, MBA



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.

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 rooms has been reserved for attendees of the Carolina Refresher Course at the Kiawah Island Hotel (see rates below). To make a reservation, please call Kiawah Island Hotel at (800) 654-2924 and identify yourself with the UNC School of Medicine Booking Group #10348 or book online at www.kiawahresort.com. 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!

Kiawah Island Hotel Room Rates: One Bedroom \$235, Two Bedroom \$280

Registration Fee:	Before 12/31 15% off	Before 03/17 10% off	After 03/17	On Site
Physician	\$635	\$675	\$750	\$799
CRNA, Resident, Fellow, Allied Health	\$550	\$585	\$650	\$699
Demonstration of Novel Ultrasound-Guided Block Techniques Thursday, June 26th and Friday, June 27th, 1:30-2:30 Enrollment limited to 6 attendees per day Faculty: Jens Borglum, MD, PhD; Thomas F Bendtsen, MD, PhD			\$45	

Workshops

ECHO Workshop 1 Wednesday, June 25, 1:30-3:30	\$65	ACLS Recertification Workshop Saturday, June 28, 7:00-1:00 Enrollment limited to 24 attendees Faculty: Greg Balfanz, MD; Nate P. Painter, MD; Robert W. Kyle, DO	\$135
ECHO Workshop 2 Thursday, June 26, 1:30-3:30 Enrollment limited to 6 attendees per day Faculty: Priya A. Kumar, MD; Jason N. Katz, MD; Harendra Arora, MD	\$65		

Regional Workshop Saturday, June 28, 1:30-5:00 Enrollment limited to 4 attendees per station; Maximum 32 attendees Faculty: Harendra Arora, MD— Interscalene, Supraclavicular Vincent W.S. Chan, MD, FRCPs, FRCA— Proximal Sciatic (Transgluteal & Anterior), Subgluteal Gavin Martin, MD, PhD— Femoral, Saphenous, Lateral Femoral Cutaneous, Obturator Jens Borglum, MD, PhD— TAP, Quadratus Lumborum Thomas F. Bendtsen, MD, PhD— Parasacral Parallel Shift, Lumbosacral Plexus Parallel Shift David Hardman, MD, MBA— Block Review: Your Choice Sylvia H. Wilson, MD— Elbow, Wrist, Ankle Stuart A. Grant, MB ChB— Paravertebral, Axillary Robert S. Weller, MD— Neuraxial, Infraclavicular	\$125
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PBLD sessions are free of charge but limited to 10 participants each. Early registration for these activities is encouraged. Case discussions and references will be emailed to registered attendees one month prior to the course.

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

Registration fees do not include family members for breakfast or refreshments.

Educational Objectives:

- Describe the latest information regarding the management of anesthetic emergencies in the surgical patient, focusing on acquired and pathological coagulation, pediatric patients, trauma management, and advanced cardiac life support techniques.
- Assess state of the art techniques for peripheral nerve blockade, focusing on the evidence endorsing the utility of ultrasound.
- Analyze approaches to managing complications of regional anesthesia, focusing on an algorithmic approach to assessment, treatment, and follow-up.
- Summarize current thinking in regard to professional wellness, conflict management, and ethical issues germane to the practice of anesthesiology and pain management.
- Evaluate and critique accepted standards for patient selection for outpatient surgery.

Statement of Need: Anesthesiology is a medical discipline 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 anesthesiologists, anesthesiology resident and fellow physicians, anesthesiologist assistants, certified registered nurse anesthetists, and allied services practitioners involved with the perioperative care of surgical patients.

Credit Designation Statement:

PHYSICIANS: The Mountain AHEC designates this live educational activity for a maximum of 28.5 AMA PRA Category I Credit(s)[™]. 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 26 CE credits; Code Number 1028062; Expiration Date 6/29/2014.

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

Contact Information: For additional information, please send an email to: anesthesiologycme@aims.unc.edu with "CRC 2014" in the subject line. You may also contact Terry Cordell, Mountain AHEC, at terry.cordell@MAHEC.net or (828) 257-4469.

Policy on Faculty and Sponsor Disclosures: MAHEC adheres to the Standards for Commercial Support of the Accreditation Council for Continuing Education (ACCME), North Carolina Nurses Association (NCNA) and American Nurses Credentialing Center's Commission on Accreditation (ANCCOA), Accreditation Council on Pharmacy Education (ACPE), Academy of General Dentistry (AGD), and Allied and Mental Health accreditation bodies as appropriate. It is the policy of MAHEC to ensure balance, independence, objectivity, and scientific rigor in all its individually sponsored or jointly sponsored/co-provided educational activities.

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 Terry Cordell (terry.cordell@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. Cancellations between one month and two weeks in advance of the program start date will receive a 50% refund of fees. No refunds will be issued on cancellations within two weeks of the program start date. All cancellations must be submitted in writing (fax, mail or email).

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