

Update in ANESTHESIOLOGY, PAIN & CRITICAL CARE MEDICINE

31ST ANNUAL CAROLINA REFRESHER COURSE 2018

Kiawah Island, SC | June 20-23, 2018

Discounted room rates Sat. June 17 through Sun. June 25, 2018

Satisfies new NC opioid CME requirements!
New ultrasound point-of-care & advanced airway workshops



Welcome to the updated 2018 Carolina Refresher Course (CRC), a unique and refreshingly enjoyable learning experience hosted at the desirable, family-friendly Kiawah Island Golf Resort. We invite you to update your medical skills in the morning and then take time to relax on the barrier island beaches or explore the bountiful activities of Kiawah Island in the afternoon. Or visit the nearby historic sites and sample the renowned restaurants within America's best-preserved colonial city, Charleston, SC.



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

JAMES C. KRAKOWSKI, MD
Assistant Professor of Anesthesiology
University of North Carolina at Chapel Hill
Carolina Refresher Course Co-Director

In a hospitable and relaxed atmosphere, you will meet expert UNC School of Medicine faculty and invited guest speakers from various fields. The CRC offers valuable 30-minute lecture sessions covering carefully-selected, relevant, and up-to-date topics. Offering much more than passive listening, the CRC features active participation through intimate, small group problem-based learning discussions (PBLD) as well as interactive, expert speaker panels with devoted time for question-answer sessions. New for 2018 are the fulfillment of all three required category 1 CME credits towards the North Carolina controlled substances prescribing practices, as well as hands-on point-of-care ultrasound (POCUS) and advanced airway workshops.

Golf Resort is home to five championship golf courses, including the Ocean Course, the #4 public golf course in the U.S. according to Golf Digest and home of the upcoming 2021 PGA Championship. Relax at the top-ranked luxury spa, swimming pools, or miles of wondrous, natural seaside splendor. In addition to the luxurious amenities, try your hand at the tennis resort that has been ranked No. 1 nationally for multiple years. With recreational options including water sports, nature trails, cycling, wildlife tours, as well as multiple youth and teen activities, Kiawah offers fun for the whole family.

We invite you to come sample the Carolina teaching experience and join those who return for the CRC's tradition of quality and intimate learning amid a renowned, beach resort destination. Register today, we guarantee you'll find our course refreshing!

The CRC's schedule uniquely affords time for afternoon exploration of Kiawah Island and surrounding Charleston. The Kiawah Island

CAROLINA REFRESHER COURSE Faculty

Course Directors

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

JAMES C. KRAKOWSKI, MD
Assistant Professor of Anesthesiology
Course Co-Director

Guest Faculty

RACHEL M. REILLY, MD
Assistant Professor of Orthopedic Surgery, Interim Chief Orthopedic Trauma, Duke University Medical Center

University of North Carolina at Chapel Hill Faculty

Department of Medicine
ALICE D. MA, MD
Professor of Medicine, Fellowship Director, Hematology/Oncology Program

Department of Anesthesiology
JACOB D. ACTON, MD
Assistant Professor of Anesthesiology

HEMANTH A. BABOOLAL, MD
Associate Professor of Anesthesiology and Pediatrics

MEENA BHATIA, MD
Assistant Professor of Anesthesiology

BROOKE A. CHIDGEY, MD
Assistant Professor of Anesthesiology

SHARON T. KAPELUK, MD
Associate Professor of Anesthesiology

LAVINIA M. KOLARCZYK, MD
Associate Professor of Anesthesiology

CHRISTINE P. MCKENZIE, MD
Assistant Professor of Anesthesiology and Obstetrics and Gynecology

PEGGY R. MCNAULL, MD
Vice Chair for Patient Safety & Quality Improvement

Associate Professor of Anesthesiology and Pediatrics

ANTHONY N. PASSANNANTE, MD
Executive Vice Chair
Professor of Anesthesiology

RICARDO A. SERRANO, MD
Assistant Professor of Anesthesiology

EMILY G. TEETER, MD
Assistant Professor of Anesthesiology



Update in ANESTHESIOLOGY, PAIN & CRITICAL CARE MEDICINE

CAROLINA REFRESHER COURSE 2018

DAILY AGENDA / June 20-23, 2018

Time WEDNESDAY, JUNE 20

6:15 - 6:55 Continental breakfast, exhibit area open

6:55 - 7:00 Daily Announcements
David Hardman, MD, MBA, FASA; James C. Krakowski, MD

7:00 - 7:30 The difficult pediatric airway: Tips and techniques for success
Hemant A. Baboolal, MD

7:30 - 8:00 Updates in anesthesia care for pediatric spine patients
Peggy P. McNaull, MD

8:00 - 8:30 Introduction to Perioperative Point of Care Ultrasound
David Hardman, MD, MBA, FASA

8:30 - 9:00 Panel and Daily Review with Faculty

9:00 - 9:30 Break and Exhibits

9:30 - 10:30 Prescribing practices for controlled substances*
Brooke A. Chidgey, MD

10:30 - 11:00 Making sense out of perioperative delirium
Meena Bhatia, MD

11:00 - 11:30 Neonatal resuscitation update
Hemant A. Baboolal, MD

11:30 - 12:00 Panel and Daily Review with Faculty

12:00 - 1:30 How to manage a peripheral nerve injury after PNB and strategies to minimize medicolegal risk
James C. Krakowski, MD

Workshops
POCUS workshop: Cardiac, lung and abdominal scanning
Ric A. Serrano, MD; Meena Bhatia, MD; Jacob D. Acton, MD; David Hardman, MD, MBA, FASA

12:00 - 1:00 Advanced airway workshop: Advanced airway techniques
Sharon Kapeluk, MD

Time THURSDAY, JUNE 21

6:15 - 6:55 Continental breakfast, exhibit area open

6:55 - 7:00 Daily Announcements
David Hardman, MD, MBA, FASA; James C. Krakowski, MD

7:00 - 7:30 Update on post-dural puncture headache and epidural blood patch
Christine P. McKenzie, MD

7:30 - 8:00 How to change your practice to prevent anesthesia related infectious complications
Anthony N. Passannante, MD

8:00 - 8:30 Quality management in your group: How to get useful and actionable data
Peggy P. McNaull, MD

8:30 - 9:00 Panel and Daily Review with Faculty

9:00 - 9:30 Break and Exhibits

9:30 - 10:30 Misuse and abuse of controlled substances*
Brooke A. Chidgey, MD

10:30 - 11:00 Orthopedic Trauma emergencies: What can wait, what cannot and why
Rachel M. Reilly, MD

11:00 - 11:30 Congenital coagulation defects and how to manage them
Alice D. Ma, MD

11:30 - 12:00 Panel and Daily Review with Faculty

12:00 - 1:30 A practical guide to creating pathways for quality improvement at your institution
Lavinia M. Kolarczyk, MD

Workshops
POCUS workshop: Cardiac, lung and abdominal scanning
Ric A. Serrano, MD; Meena Bhatia, MD; Jacob D. Acton, MD; David Hardman, MD, MBA, FASA

12:00 - 1:00 Advanced airway workshop: Advanced airway techniques
Sharon Kapeluk, MD

Meet faculty & colleagues

6:15 - 7:30 Wine pour reception
Unlimited beer and wine with light hors d'oeuvres. Free to registrants, but guests can attend for \$20 per person.

Time FRIDAY, JUNE 22

6:15 - 6:55 Continental breakfast, exhibit area open

6:55 - 7:00 Daily Announcements
David Hardman, MD, MBA, FASA; James C. Krakowski, MD

7:00 - 7:30 Update on intraoperative fluid management and blood transfusion strategies
Anthony N. Passannante, MD

7:30 - 8:00 Acquired coagulation defects and how to manage them
Alice D. Ma, MD

8:00 - 8:30 Post-partum hemorrhage: New strategies and protocols
Christine P. McKenzie, MD

8:30 - 9:00 Panel and Daily Review with Faculty

9:00 - 9:30 Breaks and Exhibits

9:30 - 10:30 Prescribing controlled substances for chronic pain patients*
Brooke A. Chidgey, MD

10:30 - 11:00 Anesthetic approach to the patient with systolic heart failure
Lavinia M. Kolarczyk, MD

11:00 - 11:30 Anesthetic approach to the patient with diastolic heart failure
Emily G. Teeter, MD

11:30 - 12:00 Expert Panel and Daily Review with Faculty

12:00 - 1:30 Using point-of-care ultrasound to help manage a hemodynamically unstable patient
Christine P. McKenzie, MD

Workshops

12:00 - 1:00 POCUS workshop: Cardiac, lung and abdominal scanning
Ric A. Serrano, MD; Meena Bhatia, MD; Jacob D. Acton, MD; David Hardman, MD, MBA, FASA

12:00 - 1:00 Advanced airway workshop: Advanced airway techniques
Sharon Kapeluk, MD

6:15 - 6:55 Continental breakfast, exhibit area open

6:55 - 7:00 Daily Announcements
David Hardman, MD, MBA, FASA; James C. Krakowski, MD

7:00 - 7:30 Challenges and controversies in trauma management
Jacob D. Acton, MD

7:30 - 8:00 When should you be concerned about the risk of compartment syndrome and what about regional anesthesia?
Rachel M. Reilly, MD

8:00 - 8:30 Anesthetic management of the LVAD patient: Who? Where? How?
Emily G. Teeter, MD

8:30 - 9:00 Panel and Daily Review with Faculty

9:00 - 9:30 Break and Exhibits

9:30 - 10:00 New oral anticoagulants: Patient care practical tips
Alice D. Ma, MD

10:00 - 10:30 Update on analgesic approaches for thoracic surgery
Lavinia M. Kolarczyk, MD

10:30 - 11:00 Keeping your technical skills fresh: Practical tips for learning critical care anesthesia
James C. Krakowski, MD

11:00 - 11:30 Improving medication safety in the operating room
Peggy P. McNaull, MD

11:30 - 12:00 Panel and Daily Review with Faculty

12:00 Adjourn

* These three lectures fulfill the three Category 1 CME credits covering the topic of controlled substances prescribing practices now required by the North Carolina Medical Board. By attending this course and these lectures in specific, you will satisfy this additional CME requirement implemented July 1, 2017.

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 kiawahisland.com. Kiawah Island Resort is on a lush barrier island with sparkling beaches, great visibility due to lack of high rises, waterways perfect for kayaking and one of the top US golf courses. 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 Island Resort at (800) 654-2924 and identify yourself with the UNC School of Medicine, booking code 13500. 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 \$245, Two Bedroom \$305

Conference Pricing

REGISTRATION FEE:	Before 12/31	Before 3/19	After 3/19	On Site
Physician, CRNA	\$735	\$775	\$795	\$895

Point-of-Care Ultrasound Workshops

Three-day workshop will cover cardiac, lung and abdominal scanning and is limited to a total of 16 participants, 4 attendees per instructor. Workshop charge is \$175 for three-day course. Pre-study is strongly encouraged prior to participating in the workshop, in order to get the most of out the hands-on practical experience. POCUS TTE workshop registrants will receive a link to suggested websites containing pre-study e-learning materials 6 weeks in advance of conference. Access to some of these links may require an additional fee.

Advanced Airway Workshop

The advanced airway/workshop sessions are limited to 20 participants each and will cover advanced fiberoptic/video assist techniques as well as DLT and bronchial blocker placement. Workshop charge is \$50 per session with the same workshop offered for three consecutive days.

Problem-Based Learning Discussions

Problem-Based Learning Discussion sessions are complementary, but 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.

Educational Objectives

- At the conclusion of this knowledge-based activity, participants should be able to:
 - distinguish between pediatric patients and their co-morbidities to determine which can be scheduled for an ambulatory center surgical procedure
 - define delirium in the acute setting and distinguish symptoms of new onset delirium from other more chronic co-morbidities like dementia. The learner will also review treatment options to reduce the risk of delirium in the post-operative setting
 - review signs and symptoms of PDPH and discuss when further workup needs to be carried out and when conservative therapy may not be adequate
 - recognize what types of orthopedic trauma are emergencies and describe the surgical decision-making of what cases must proceed emergently to the operating room versus those that can be managed conservatively for a time
 - review common acquired coagulation defects and distinguish what factors are altered in each case, indicating the treatment options for each defect
 - define diastolic heart failure, contrast it with systolic failure, and review treatment methods that are appropriate for the peri-operative setting to improve outcomes in patients that are not optimized prior to surgery
 - evaluate safety mechanisms in the peri-operative setting for various anesthetic drugs and discuss what steps can be taken to decrease the likelihood of medication errors

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 certified registered nurse anesthetists, anesthesiology resident and fellow physicians, certified anesthesiologist assistants, and allied services practitioners.

Course Credit

Physicians: The School of Medicine of the University of North Carolina at Chapel Hill designates this live activity for a maximum of 22.5 AMA PRA Category 1 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 21 CE credits; Code Number 1035909; Expiration Date 6/23/2018. CRNAs should only claim credit commensurate with the extent of their participation in the activity.

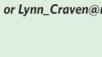
Accreditation The School of Medicine of the University of North Carolina is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Contact Information For additional information, please send an email to: anesthesiologycme@aims.unc.edu with "CRC 2018" in the subject line. Fee includes certificate of completion and online handouts. Continental breakfast and refreshments provided. Directions with information to on how to download handouts will be sent several weeks before the meeting.

Disclosures This activity has been planned and implemented under the sole supervision of the course directors, in association with the UNC Office of Continuing Professional Development (UNC CPD). This activity has not received any financial support from commercial interests.

ADA Statement If an attendee requires the use of auxiliary aids or services identified by the American Disabilities Act in order to attend this meeting, he or she should contact Lynn Craven at 919-966-0009.

Refund/Credit/Payment/Cancellation Policy Cancellation request prior to midnight, May 20, 2018 — a full refund will be issued. After midnight, May 20, 2018 — no refunds will be issued. All cancellations must be submitted in writing (fax, email, or postmarked mail). No Substitutes.



REGISTER ONLINE at GO.UNC.EDU/CRC2018

Scan the code to get started.

You may also call or email Lynn Craven to register at 919-966-0009, or Lynn_Craven@med.unc.edu

Register today at GO.UNC.EDU/CRC2018

for big discounts on registration fees!



Scan the code to get started.

Save the Date | June 19-22, 2019 | June 24-27, 2020

