

CRASH 2014

Course Objectives

1. The learner should be able to improve patient care by integrating the latest developments in pain management, pediatric, OB, thoracic, and cardiac anesthesia into their practice.
2. The learner will analyze the literature regarding vasoactive substances, and rate the efficacy of each in unstable or septic patients. The learner will identify best practices for the care and treatment of critically ill patients going to the OR; the learner will implement improved pain management protocols for the critically ill patient.
3. To identify the requirements for practicing safe out patient anesthesia; Analyze the latest research regarding OSA in patients undergoing surgery; Develop practice protocol specific to the practitioner's facility.

COURSE DETAILS

The week long course will consist of:

Early morning and late afternoon sessions with seven hours of free time

Question and answer panels at the end of each lecture session

Flash drives containing lectures handouts

3 session of workshops and panel discussion on Monday, Tuesday, and Wednesday afternoon

Commercial exhibits and new equipment, pharmaceuticals and medical books.

ACLS/BLS/PALS certification class on Thursday.

HOTEL DETAILS

Host Hotel: Vail Marriott Mountain Resort and Spa, 715 West Lionshead Circle, Vail, CO 81657. Phone: 970-476-4444.

Standard Room: \$339.00/night

All rates are subject to state/Local taxes. Check-in-time is 4:00pm on your arrival date.

Vail Mountain is located 120 miles from Denver International Airport and 25 miles from Eagle County Regional Airport. 193 trails on over 5 acres; 33 chair lifts, 14 high speed quad lifts.

Alternate accommodations, Lift tickets, travel ground transportation can be found on our website: www.cudenver.edu/crash

REGISTRATION FEES:

	Discount Rate	Late Rate
	January 27	January 28
Physician	\$890	\$950
Physician Alumni	\$800	\$950
Physician Military	\$700	\$850
AA/CRNA/PA/RN	\$750	\$800
AA/CRNA/PA/RN	\$740	\$800
In Training	\$500	\$550

(Resident, Fellows, SAA, SRNA)

Included with registration cost: Flash drive (Syllabus \$50.00), full breakfast, afternoon snack, all lectures sessions, free workshops, and panel discussions

Guest Speakers for 2014:

Meena Desia, MD, Managing Partner, Nova Anesthesia Professionals

Javier Campos, MD, Professor, Vice Chair Department of Anesthesia, Director of Cardiothoracic Anesthesia, University of Iowa Health Care

University of Colorado Denver School of Medicine Faculty & Colorado Colleagues for 2014:

Bryan Ahlgren, DO
Assistant Professor

John Armstrong, MD
Associate Professor

Ashok Babu, MD
Assistant Professor

Bethany Benish, MD
Assistant Professor

Alan Bielsky, MD
Assistant Professor

Melissa Brooks, MD
Instructor

Mark Chandler, MD
Assistant Professor

Debnath Chatterjee, MD
Assistant Professor

Christopher Ciarallo, MD
Assistant Professor

Randall M. Clark, MD
Associate Professor and Head
Division of Pediatric Anesthesiology

Joseph Cleveland, MD
Professor

Brian Davidson, MD, MBA
Assistant Professor

Matthew Fiegel, MD
Associate Professor

Peter Fuhr, MD
Associate Professor

Glenn Gravlee, MD
Professor

Patrick Guffey, MD
Assistant Professor

Adrian Hendrickse, MD
Associate Professor

Omid Jazaeri, MD
Assistant Professor

Joseph Kay, MD
Associate Professor

Christopher Lace, MD
Assistant Professor

Glenn Merritt, MD
Associate Professor

Paul Mongan, MD
Professor

Greg Myers, MD
Assistant Professor

Fadi Nasrallah, MD, MBA
Associate Professor

Ferenc Puskas, MD, PhD
Associate Professor

Matthew Roberts, MA, BM, BCh,
DMCC, FRCA
Associate Professor

Ernesto Salcedo, MD
Professor

Mike Sawyer, MD
Associate Professor

Tamas Seres, MD, PhD
Associate Professor

Marina Shindell, DO
Associate Professor

Tod Sloan, MD, PhD, MBA
Professor

Breandan Sullivan, MD
Assistant Professor

Mark Twite, MD
Associate Professor

Ronald Valdiviseo, MD
Associate Professor

Nathaniel Weitzel, MD
Associate Professor

COLORADO REVIEW OF ANESTHESIA FOR SUGICENTERS AND HOSPITALS

CRASH 2014

Sponsored by the
University of Colorado School of Medicine
Office of Continuing Medical Education



Telephone: 720-848-6710

Department of Anesthesiology
University of Colorado School of Medicine
B113, Leprino Building
12401 E. 17th Avenue
Aurora, CO 80045

PROGRAM

Sunday – 23 FEBRUARY 2014

9:00am-7:30pm Registration

GENERAL SESSION

4:00-5:00pm Controversies in Pediatric Ambulatory Anesthesia
Rita Agarwal, MD

5:00-6:00pm To Err is Human, to AIR is to Improve
Patrick Guffey, MD

6:00-6:30pm Questions and Answers
Agarwal and Guffey

OPTIONAL CARDIAC WORKSHOP

3:30-4:00pm 3D Echo use in TAVR (Transcatheter Aortic Valve Replacement)
Ernesto Salcedo, MD

4:00-4:15pm Questions and Answers
4:15-5:00pm Group 1 - Hands on 3D demonstrations with models
Group 2 - Organizing and Utilizing a Hybrid OR

5:00-5:45pm Group 1 - Hands on 3D demonstrations with models
Group 2 - Organizing and Utilizing a Hybrid OR

5:45-6:45 pm Panel with cases Challenging Hybrid, cath lab, and EP cases
Seres, Nasrallah, Salcedo

6:30-7:30pm Opening Reception

Monday – 24 FEBRUARY 2014

6:30-8:00am Continental Breakfast/View Exhibits

GENERAL SESSION

7:00-7:40am LVAD's as Temporary and Permanent Therapy: Where do We Stand?

Joseph Cleveland, MD
7:40-8:20am What 2D and 3D TEE can tell you and what they can't
Ernesto Salcedo, MD

8:20-9:00am Inotropes and Vasopressors: Use and Abuse
Glenn Gravlee, MD

9:00-9:30am Questions and Answers
Cleveland, Salcedo, Gravlee

9:30am View Exhibits/Recess

3:30pm View Exhibits/Refreshments

PANEL DISCUSSIONS\WORKSHOPS

WORKSHOP

4:00-7:00pm Comprehensive Airway Management
\$25.00 Chandler, Janik, Benish, Brooks, Shindell

PAIN/REGIONAL PANEL

4:00-5:00pm General Pain Management Update 2014
Matthew Fiegel, MD

5:00-6:00pm Regional Anesthesia Update 2014
Christopher Ciarallo, MD

6:00-6:30pm Interesting Case Discussion
Fiegel, Ciarallo

6:30-7:00pm Questions and Answer

CARDIAC PANEL

4:00-4:45pm ECMO (Extracorporeal membrane Oxygenation): Here it comes again
Ashok Babu, MD

4:45-5:30pm Lead Extraction: The Good, the Bad, and the Ugly
Brian Ahlgren, MD

5:30-6:30pm Cardiac Clinical Challenges: VADs & Noncardiac Surgery
Cleveland, Sullivan, Ahlgren

Monday – 24 FEBRUARY 2014

continued

Tuesday – 25 FEBRUARY 2014

6:30-8:00am Continental Breakfast/View Exhibits

GENERAL SESSION

7:00-7:40am Pulmonary Hypertension – A Growing Problem
Breandan Sullivan, MD

7:40 -8:20am Modern Era Interventional Cardiology, Electrophysiology and the Implications for the Anesthesiologist
Nathanael Weitzel, MD

8:20-9:00am VATS and One Lung Anesthesia Management
Javier Campos, MD

9:00-9:30am Questions and Answers
Jazaeri, Weitzel, and Campos

9:30am View Exhibits/Recess

3:30pm View Exhibits/Refreshments

PANEL DISCUSSION/WORKSHOP

WORKSHOPS

4:00-7:00pm Introduction to Ultrasound-Guided Regional Anesthesia
\$50.00 Ciarallo, Fiegel, Lace, Bielsky, Hendrickse, Merritt, Fuhr, Armstrong, Valdivieso

TRAUMA PANEL

4:00-7:00pm The New, the Old, and the Bloody
Chandler, Sawyer, Roberts, Myers

CARDIOTHORACIC PANEL

4:00-4:45pm Difficult Clinical Scenarios in Thoracic Anesthesia
Javier Campos, MD

4:45-5:30pm Multimodal Analgesia for Thoracic Surgery Workshop
Ferenc Puskas, MD

5:30-6:15pm Lung Isolation Hands-on Workshop: Normal & Difficult Airways
Campos, Puskas, Gravlee

6:15-7:00pm Questions and Answer

Wednesday, 26 FEBRUARY 2014

6:30-8:00am Continental Breakfast/View Exhibits

GENERAL SESSION

7:00-8:00am Obstetric Emergencies in Anesthesia
Joy Hawkins, MD

8:00-9:00am Controversies in Ambulatory Anesthesia
Meena S. Desai, MD

9:00-9:30am Questions and Answers
Desai and Hawkins

12:00-1:00pm EPIC Mix Race

PANEL DISCUSSION\WORKSHOP

WORKSHOPS

4:00-7:00pm Advance Ultrasound-Guided Regional Anesthesia
\$50.00 Ciarallo, Fiegel, Lace, Bielsky, Hendrickse, Merritt, Fuhr, Armstrong, Valdivieso

OPTIONAL CARDIAC LECTURES

7:00-7:40am The Adult with Congenital heart Disease: When to Worry

7:40-8:20am Making Sense of Complex repairs 20 years Later

8:20-9:20am Thoracic & Abdominal Endovascular Stents: Surgeon Perspective

9:20-9:30am Questions and Answers

9:30am View Exhibits/Recess

3:30pm View Exhibits/Refreshments

Wednesday, 26 FEBRUARY 2014

continued

QUALITY, PRACTICE MANAGEMENT, AND GOVERNMENTAL AFFAIRS UPDATE PANEL

4:00-7:00pm Quality, Practice Management, and Governmental Affairs Update
Davidson, Chatterjee, Clark

CARDIAC PANEL

4:00-4:30pm EVAR and TEVAR: Anesthetic Perspective endovascular (abdominal aortic repair and thoracic endovascular aortic repair)
Ferenc Puskas, MD, PhD

4:30-5:15pm Challenging Cases in Endovascular and Open Vascular Surgery
Puskas, Jazaeri

5:30-6:45 pm Challenging clinical scenarios: Congenital Heart Disease
Kaye, Twite

Thursday – 27 FEBRUARY 2014

6:30-8:00am Continental Breakfast/View Exhibits

GENERAL SESSION

7:00-8:00am Office Based Anesthesia -Pearls and Pitfalls
Meena S. Desai, MD

8:00-9:00am OB Anesthesia Update 2014
Joy Hawkins, MD

9:00-9:30am Questions and Answers
Desai, Hawkins

9:30am View Exhibits/Recess

3:30pm View Exhibits/Refreshments

NEUROANESTHESIA PANEL

4:00-7:00pm Anesthesia for Supratentorial Surgery: Is There One Best Technique? Vagal Nerve and Deep Brain Stimulators: What Am I Supposed To Do With This Thing During Routine Surgery? Transphenoidal Pituitary Resection: Endocrine Considerations & Operative Management
Neuro in the Endovascular Suite: Really, this is the first I heard we are a stroke center
Case: 45 year old woman with L5-S1 spondylolisthesis & severe, chronic pain presents for anterior and posterior spinal fusion. Neuromonitoring is scheduled.
Do I have to do a TIVA? What do you mean my patient may go blind?
Janik, Mongan, Sloan

Friday – 28 FEBRUARY 2014

6:30-8:00am Continental Breakfast/View Exhibits

GENERAL SESSION

7:00-8:00 Sedation Issues in Ambulatory Surgery Centers
Meena Desai, MD

8:00-9:00am 2014 Pediatric Anesthesia Update
Rita Agarwal, MD

9:00-9:30am Questions and Answers
Desai, Agarwal

10:00am Adjourn until 2015

FUTURE CRASH DATES

CRASH 2015: Sunday, March 1—Friday, March 6

CRASH 2016: Sunday, February 28— Friday, March 4