



LOMA LINDA UNIVERSITY
HEALTH



David Geffen
School of Medicine

Perioperative and Acute Care Ultrasound Workshop

Incorporating Point of Care Ultrasound in all Aspects of Acute Care

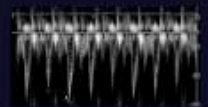
*Key Topics
Include*



Cardiac



Pulmonary



Hemodynamic



Airway



Abdominal



Regional

**Over 6
Hours of
Hands-on
Training!**

September 22nd & 23rd, 2018
Hyatt Regency
Huntington Beach, CA

www.pocuseducation.com

Phone (909) 558-4475



Course Description and Objectives

Overview:

The third annual perioperative and acute care ultrasound workshop is hosted by the Anesthesiology Departments at Loma Linda University Medical Center and UCLA Medical Center. The focus of the workshop is to teach practitioners how point of care ultrasound can facilitate acute care management, both for adults and pediatrics. The course directors of this workshop are adult and pediatric anesthesiologists, however the target audience for the workshop includes all Acute Care Providers, i.e., Anesthesiologists, Pediatricians, Internists, Hospitalists, Surgeons, and Intensivists.



National leaders in point of care ultrasound lead the workshop. Our instructors have developed a “whole-body” ultrasound examination that has been validated for its clinical utility. This examination termed FORESIGHT (Focused, PeriOperative, Risk, Evaluation, Sonography, Involving, Gastro-Abdominal, Hemodynamic, and Trans-Thoracic ultrasound) has been designed by a multi-disciplinary team of Emergency Medicine, Critical Care, Cardiology, and Anesthesiology specialties. Attendees will be taught via this validated curriculum the key aspects of cardiac, pulmonary, abdominal, and hemodynamic ultrasound for the perioperative and acute care setting. We are offering 3 hours of CME with review of online content for a total of **17 AMA PRA Category 1 Credits**.

Learning Objectives

- Basic Cardiac Evaluation (gross ventricular function, gross valve evaluation, and tamponade evaluation)
- Airway and Pulmonary Ultrasound (assessment of endotracheal tube location, evaluation for pneumothorax, and assessment of severe air space disease)
- Abdominal Ultrasound (assessment of gastric volume and FAST – Focused Assessment with Sonography in Trauma)
- Hemodynamic Ultrasound (assessment of volume status and central venous pressure)
- Regional Ultrasound (review of novel regional ultrasound techniques)

Once registered, the participants will receive access to course material via an E-book and have access to all lecture podcasts/files online. It is highly encouraged that the participants review this material prior to the course date via the workshop website.

www.pocuseducation.com

Unique Course Features

- Instruction via a clinically validated simulation-based lecture series
- Over **six hours of hands on training** with live models and simulators
- Course instructors are national leaders in point of care ultrasound education
- Up to **17 hours of CME**
- Large number of instructors and models
- Wide variety of ultrasound machines
- Learn using the *latest simulation and educational tools with virtual presence technology*
- Practical review of physics and ultrasound knobology
- Pre- and post- training testing
- Optional Critical Care Topics and Remote Image Review *following the course*



Additional Small Group Sessions

Additional Small Group Sessions will be Available on:

- **Rescue Transesophageal Echocardiography (TEE)**
- **Pediatrics**
- **Pathology Simulation Training**

Target Audience

The course directors of this workshop are adult and pediatric anesthesiologists and the course faculty include: Anesthesiology, Emergency Medicine, Internal Medicine, and Critical Care physicians. Target audience includes all health care providers involved with acute care medicine including: Anesthesiology, Pediatrics, Hospitalist Medicine, Surgery, and Critical Care.

www.pocuseducation.com

Faculty

Departmental Chairs

Robert D. Martin, MD
Chairman
Department of Anesthesiology
Professor of the Floyd S. Brauer
Chair in Anesthesiology, Loma
Linda University Medical Center

Aman Mahajan, MD, PhD, MBA
Ronald L. Katz MD Professor and
Chair Department of Anesthesiology &
Perioperative Medicine Professor of
Anesthesiology and
Bioengineering Executive
Director, UCLA Perioperative Services

Program Co-Directors

Davinder Ramsingh, MD
Associate Professor
Director of Clinical Research and
Perioperative Ultrasound
Department of Anesthesiology
Loma Linda University Medical Center
Loma Linda, California

Jacques Prince Neelankavil, MD
Assistant Clinical Professor
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Director, Perioperative Echocardiography
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Vice Chair for Perioperative Medicine
Department of Anesthesiology &
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Director, UCLA Interventional
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Irvine, California

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Midwest Anesthesiology Partners
PRAA Division
Advocate Lutheran General Hospital
Park Ridge, Illinois

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Loma Linda, California

Gary Stier, MD
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Anesthesiology, Internal Medicine and
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Anesthesiology and Internal Medicine
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Director, Pre-Anesthesia Consultation and
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Sumit Singh, MD
Assistant Clinical Professor
Critical Care Medicine
Medical Director, Greater LA VA Surgical
ICU Critical Care Medicine
David Geffen School of Medicine at UCLA

Josh Zimmerman, MD, FASE
Associate Professor
Director, Perioperative Echocardiography
Director, Preoperative Clinic
University of Utah Department of
Anesthesiology
Assistant Director, Echocardiography
George E. Wahlen VA Medical Center
Salt Lake City, Utah Department of
Anesthesiology & Perioperative Medicine

Saturday September 22, 2018

7:00 – 8:00	Registration & Continental Breakfast
8:00 – 8:30	Introduction and Keynote Address
8:30 – 9:00	Ultrasound Physics, Knobology, and Pitfalls
Airway/Pulmonary	
9:00 – 9:30	Pulmonary Ultrasound (Lecture)
9:30 – 9:45	Airway Ultrasound (Lecture)
9:45 – 10:15	Static and Dynamic Assessment of Volume Status (Lecture)
10:15 – 10:30	<i>Break</i>
10:30 – 12:30	Hands-on Training (all stations have live models and pathology simulation)
	Station 1 – Knobology
	Station 2 – Airway (live model)
	Station 3 – Pulmonary
	Station 4 – Static and Dynamic Assessment of Volume Status
12:30 – 1:30	Lunch and Q/A
Regional Anesthesia	
1:30 – 2:00	Advances in Regional Anesthesia
Abdominal	
2:00 – 2:30	FAST examination (Lecture)
2:30 – 2:45	Assessment of Gastric Volume (Lecture)
2:45 – 3:00	Vascular Access (Lecture)
3:00 – 3:15	<i>Break</i>
3:15 – 5:15	Hands-on Training (all stations have live models and pathology simulation)
	Station 1 – FAST exam
	Station 2 – Gastric Volume Assessment / Vascular Access
	Station 3 – Regional Anesthesia Part 1
	Station 4 – Regional Anesthesia Part 2
5:15	Adjourned

Sunday, September 23, 2018

7:00 – 8:00	Continental Breakfast
Cardiac Ultrasound	
8:00 – 8:30	Cardiac Views (Lecture)
8:30 – 9:00	Assessment of Ventricular Function (Lecture)
9:00 – 9:30	Assessment of Valvular Function (Lecture)
9:30 – 9:45	<i>Break</i>
9:45 - 10:15	Rescue Transesophageal Echocardiography
10:15 – 11:00	Putting it All Together: the FORESIGHT Perioperative POCUS Exam)
11:00 – 1:00	Hands-on Training (all stations have live models and pathology simulation)
	Station 1 – Cardiac Views
	Station 2 – Cardiac Valve Assessment
	Station 3 – Pathology Simulation/ Review
	Station 4 – Rescue Transesophageal
1:00	Adjourned
1:00 - 2:00	Optional Training : Faculty will remain for 1 hour to discuss the following:
	1. Advanced Critical Care Topics (Neuro, DVT/PE Evaluation, Advanced Pulmonary, Advanced Cardiac)
	2. Additional Topics 20 remote education image critiques following the course

General Information

Conference Location

Hyatt Regency Huntington Beach Resort and Spa

21500 Pacific Coast Highway
Huntington Beach, California, USA, 92648
Tel: +1 714 698 1234

<https://huntingtonbeach.regency.hyatt.com>

Conference Hotel Rate Available at:

<https://aws.passkey.com/go/PerioperativePointofCare>

Registration Fee

\$800 Physicians, CRNAs, Nurses, and Allied Health Professionals

\$500 Fellows/Residents

(*Must submit letter of verification)

Refunds

A processing fee of \$50.00 is withheld from all refunds (full refund if course is canceled or rescheduled). Requests for refunds must be in writing and received no later than August 01, 2018.

Enrollment

Enrollment is limited. Early enrollment is strongly recommended.

By Mail

Use the form attached. For additional applications, use a photocopy or separate sheet giving all information requested on form.

By Phone

Use your MasterCard, VISA, American Express, or Discover. Call (909) 558-4475.

By Fax

Send completed enrollment form with credit card information and authorizing signature.
FAX (909) 558-4143.

Online

Use your PayPal, MasterCard, VISA, Discover Card, or American Express. Go to <http://www.pocuseducation.com>

Accreditation

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the University of California, Irvine School of Medicine and Loma Linda University Health. The University of California, Irvine School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Designation Statement

The University of California, Irvine School of Medicine designates this live activity for a maximum of **17 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure

The departments sponsoring this workshop fully endorse the concept that this event is free of commercial influence. In compliance with this policy, all speakers and planners will disclose relevant financial relationships prior to the event.

Information

If you have questions about the program, please contact the Department of Anesthesiology at Loma Linda University Medical Center.

Phone: (909) 558-4475

Fax: (909) 558-4143

11234 Anderson Street,
MC-2532-D
Loma Linda, CA 92354

2018 Perioperative and Acute Care Ultrasound Workshop

Course Options	Amount
\$800 Physicians, CRNAs, Nurses and Allied Health Professionals	
\$500 UCLA and Loma Linda Fellows/Residents (*Must submit letter of verification)	

Please print clearly. Include your credit card number and authorized signature.

Last four digits of your Social Security Number

Name (First/Middle/Last)

Degree

Preferred Mailing Address

City/State/ZIP

Area Code

Daytime Phone

Email

Specialty

Check enclosed payable to: Department of Anesthesiology Loma Linda University Medical Center

Charge (circle): MasterCard

Visa

Discover

American Express

Number

Name of cardholder

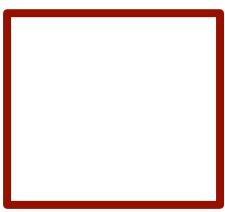
Authorized Signature

Expiration (Mo/Yr)

Security Code

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