Acute Care and Perioperative Ultrasound Workshop
Incorporating Point of Care Ultrasound in all Aspects of Acute Care

Key Topics Include
- Cardiac
- Pulmonary
- Hemodynamic
- Airway
- Abdominal
- Pediatrics

Over 6 Hours of Hands-on Training!

August 29th & 30th, 2020
Hyatt Regency
Huntington Beach, CA

www.pocuseducation.com
Phone (909) 558-4654
Course Description and Objectives

Overview:

The fifth annual acute care and perioperative 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. The target audience includes all providers involved in: anesthesia, pediatrics, internal medicine, hospitalist medicine, surgery, and critical care.

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 learn key aspects of cardiac, pulmonary, abdominal, and hemodynamic ultrasound for the perioperative and acute care setting. We are offering three hours of CME with review of online content for a total of 17 Credits. The course will have the latest ultrasound technologies and simulators including: virtual reality training, pocket US devices, and a comprehensive display of ultrasound companies. Additional online training is also being developed and will be available prior to the course.

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)
- Pediatrics (review of the differences in pediatric POCUS examinations)

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
| Faculty | Robert D. Martin, MD  
Chairman  
Department of Anesthesiology  
Professor of the Floyd S. Brauer  
Chair in Anesthesiology, Loma Linda  
University Medical Center | Barbara Van de Wiele, MD  
Clinical Professor and Interim Chair  
Department of Anesthesiology &  
Perioperative Medicine  
David Geffen School of Medicine at  
UCLA |
|------------------|--------------------------------------------------|
| **Program Co-Directors** | Davinder Ramsingh, MD  
Associate Professor  
Director of Clinical Research and  
Perioperative Ultrasound  
Department of Anesthesiology  
Loma Linda University Medical Center |
|------------------|--------------------------------------------------|
| Kyle Ahn, MD  
Associate Professor  
Department of Anesthesiology and  
Perioperative Care  
University of California, Irvine | Maxime Cannesson, M.D., Ph.D.  
Professor of Anesthesiology  
Vice Chair for Perioperative Medicine  
Department of Anesthesiology &  
Perioperative Medicine  
David Geffen School of Medicine at  
UCLA |
| Baher Doctor, MD  
Assistant Professor  
Director, Acute Pain Service  
Department of Anesthesiology  
Loma Linda University Medical Center | Vi Dinh, MD  
Associate Professor  
Director of Ultrasound in Medical  
Education  
Department of Emergency Medicine  
Loma Linda University Medical Center |
| Michael Benggon, MD  
Assistant Professor  
Department of Anesthesiology  
Loma Linda University Medical Center | Ryan Lauer, MD  
Associate Professor  
Director, Cardiac Anesthesiology  
Residency Program Director, Cardiac  
Anesthesiology Fellowship  
Department of Anesthesiology  
Loma Linda University Medical Center |
| Ihab Dorotta, MBBS  
Associate Professor  
Chief of Quality and Patient Safety  
Director, Critical Care Center  
Department of Anesthesiology  
Loma Linda University Medical Center | Patrick Leiter, MD  
Assistant Professor  
Department of Anesthesiology  
Loma Linda University Medical Center |
| J Christian Fox, MD  
Professor and Interim Chair  
Director of Instructional Ultrasound  
Department of Emergency Medicine  
University of California, Irvine | Jure Marijic, MD  
Clinical Professor  
Director, Pediatric Cardiac Anesthesiology  
Department of Anesthesiology &  
Perioperative Medicine  
David Geffen School of Medicine at  
UCLA |
| Jason Gatling, MD  
Associate Professor, Program Director,  
Anesthesiology Residency  
Department of Anesthesiology  
Loma Linda University Medical Center | Carin Mascetti, MD  
Assistant Professor  
Department of Anesthesiology  
Loma Linda University Medical Center |
| Vadim Gudzenko, MD  
Assistant Clinical Professor  
Critical Care Medicine  
Director, Critical Care Medicine  
Fellowship Program  
Department of Anesthesiology &  
Perioperative Medicine  
David Geffen School of Medicine at  
UCLA | Melissa McCabe, MD  
Assistant Professor  
Department of Anesthesiology  
Loma Linda University Medical Center |
| Reed Harvey, MD  
Assistant Clinical Professor  
Department of Anesthesiology &  
Perioperative Medicine  
David Geffen School of Medicine at  
UCLA | Emily Methangkool, MD  
Assistant Clinical Professor  
Cardiothoracic Anesthesiology  
Assistant Director, Anesthesiology  
Residency Program  
Department of Anesthesiology &  
Perioperative Medicine  
David Geffen School of Medicine at  
UCLA |
| Uoo Kim, MD  
Assistant Professor  
Department of Anesthesiology  
Loma Linda University Medical Center | Kenneth Neff, MD  
Assistant Professor  
Department of Anesthesiology  
Loma Linda University Medical Center |
| Jared Staab, DO, MA  
Assistant Professor  
Division of Critical Care  
Department of Anesthesiology  
University of Kansas Medical Center | Gary Stier, MD  
Professor, Anesthesiology, Internal  
Medicine and Critical Care  
Department of Anesthesiology  
Loma Linda University School of  
Medicine |
| 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 |
| David Geffen School of Medicine at UCLA |  
Loma Linda University School of Medicine |
<table>
<thead>
<tr>
<th><strong>Saturday August 29, 2020</strong></th>
<th><strong>Sunday, August 30, 2020</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 – 8:00</td>
<td>7:00 – 8:00</td>
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<tr>
<td>Registration &amp; Continental Breakfast</td>
<td>Continental Breakfast</td>
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<tr>
<td>8:00 – 8:30</td>
<td>Cardiac Part 2</td>
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<tr>
<td>Introduction and Keynote Address</td>
<td>8:00 – 8:30</td>
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<tr>
<td>8:30 – 9:00</td>
<td>Assessment of Ventricular Function</td>
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<tr>
<td>Airway/Pulmonary</td>
<td>8:30 – 9:00</td>
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<tr>
<td>9:00 – 9:30</td>
<td>Assessment of Valvular Function</td>
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<tr>
<td>Pulmonary Ultrasound</td>
<td>9:00 – 9:30</td>
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<tr>
<td>9:30 – 9:45</td>
<td>Rescue Echocardiography</td>
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<tr>
<td>Airway Ultrasound</td>
<td>Pediatrics</td>
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<tr>
<td>9:45 – 10:15</td>
<td>9:30 – 10:15</td>
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<tr>
<td>Static and Dynamic Assessment of Volume Status</td>
<td>Pediatric POCUS</td>
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<tr>
<td>10:15 – 10:30</td>
<td>10:15 - 10:30</td>
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<tr>
<td>Break</td>
<td>10:30 – 12:30</td>
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<tr>
<td>10:30 – 12:30</td>
<td>Hands-on Training (all stations have live models and pathology simulation)</td>
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<tr>
<td>Hands-on Training (all stations have live models and pathology simulation)</td>
<td>Station – Cardiac Views</td>
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<tr>
<td>Station – Knobology</td>
<td>Station – Cardiac Valve Assessment</td>
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<tr>
<td>Station – Airway</td>
<td>Station – Pathology Simulation/ Review</td>
</tr>
<tr>
<td>Station – Pulmonary</td>
<td>Station – Pediatric POCUS</td>
</tr>
<tr>
<td>Station – Static and Dynamic</td>
<td>Review</td>
</tr>
<tr>
<td>Assessment of Volume Status</td>
<td>12:30 – 1:00</td>
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<tr>
<td>Lunch and Q/A</td>
<td>Putting it All Together / Case Presentations: (the FORESIGHT Exam)</td>
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<tr>
<td>12:30 – 1:30</td>
<td>1:00</td>
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<tr>
<td>Abdominal / Vascular Access</td>
<td>Adjourned</td>
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<tr>
<td>1:00 – 1:30</td>
<td>Optional Training : Faculty will remain for 1 hour to discuss the following:</td>
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<tr>
<td>FAST examination</td>
<td>1:00 - 2:00</td>
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<tr>
<td>1:30 – 1:45</td>
<td>1. Advanced Critical Care Topics: Neuro, DVT/PE Evaluation, Advanced Pulmonary, Advanced Cardiac</td>
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<tr>
<td>Assessment of Gastric Volume</td>
<td>2. Additional Topics: 20 remote education image critiques following the course</td>
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<tr>
<td>1:45 – 2:00</td>
<td>3:00 – 3:15</td>
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<tr>
<td>Vascular Access (Lecture)</td>
<td>Break</td>
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<tr>
<td>Cardiac Part 1</td>
<td>3:15 – 5:15</td>
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<tr>
<td>2:00 – 2:30</td>
<td>Hands-on Training (all stations have live models and pathology simulation)</td>
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<tr>
<td>Cardiac Views (Lecture)</td>
<td>Station – FAST exam</td>
</tr>
<tr>
<td>Review</td>
<td>Station – Gastric Volume Assessment</td>
</tr>
<tr>
<td>2:30 – 3:00</td>
<td>/ Vascular Access</td>
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<tr>
<td>Review / Case Presentations</td>
<td>Station – Cardiac Views</td>
</tr>
<tr>
<td>3:00 – 3:15</td>
<td>Station – Pathology Simulation/ Review</td>
</tr>
<tr>
<td>Break</td>
<td>5:15</td>
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<tr>
<td>3:15 – 5:15</td>
<td>Adjourned</td>
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</tbody>
</table>
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:

Registration Fee

$1000 Physicians, CRNAs, Nurses, and Allied Health Professionals

$550 Fellows/Residents/Students
(*Must submit letter of verification)

* Referral and group rate discounts available, please email for more information – pocus@pocuseducation.com

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 July 05, 2020. No refunds will be issued after August 01, 2020

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) 558-4654.

By Fax
Send completed enrollment form with credit card information and authorizing signature. FAX (909) 558-0229.

Online
Use your PayPal, MasterCard, VISA, Discover Card, or American Express. Go to http://www.pocuseducation.com and click on Registration.

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 CME 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) 558-4654
Fax: (909) 558-0229
pocus@pocuseducation.com

P.O. Box 933
Loma Linda, CA 92354
## 2020 Perioperative and Acute Care Ultrasound Workshop

<table>
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<tr>
<th>Course Options</th>
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<tbody>
<tr>
<td>$1000 Physicians, CRNAs, Nurses and Allied Health Professionals</td>
<td></td>
</tr>
<tr>
<td>$550 Students/Fellows/Residents (*Must submit letter of verification)</td>
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Please print clearly. Include your credit card number and authorized signature.

- **Name (First/Middle/Last)**
- **Degree**

- **Preferred Mailing Address**
  - **City/State/ZIP**
  - **Area Code**
  - **Daytime Phone**

- **Email**
- **Specialty**

☐ Check enclosed payable to: **Loma Linda University Faculty Medical Group**

Charge (circle): MasterCard  Visa  Discover  American Express

- **Number**

- **Name of cardholder**

Authorized Signature  Expiration (Mo/Yr)  Security Code

Mail to: Department of Anesthesiology  
Loma Linda University Medical Center  
P.O. Box 933, Loma Linda, CA 92354  
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