This course is designed for practicing physicians, nurses, advanced healthcare practitioners, and respiratory therapists caring for the critically ill, including practitioners in critical care, pulmonary medicine, surgery, emergency medicine, anesthesia, hospital medicine, and general internal medicine. The purpose is to discuss recent advances and state-of-the-art information pertinent to critical care medicine and trauma. Updated information on the pathophysiology and management of disorders commonly encountered in the practice of critical care medicine and trauma will be presented. Multidisciplinary faculty from the UCSF School of Medicine will present the latest data on both pathophysiology and practical management aspects of caring for the critically ill.

**GREEN MEETING**

In an effort to present a “greener” meeting, the syllabus will be transmitted electronically one week prior to the course.

**AN ATTENDEE COMPLETING THIS COURSE WILL BE ABLE TO:**

- Manage trauma patients;
- Assess modalities for imaging the critically ill;
- Design implementation of sepsis bundles for the practice environment;
- Consider less conventional modalities for severe ARDS;
- Consider limitations of plain film radiography in the ICU with respect to interpretation;
- Incorporate optimal use of low tidal volume ventilation for critically ill patients;
- Manage mass casualty;
- Assess potential to improve care of stroke patients.
### Thursday, May 29, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am</td>
<td>Registration &amp; Continental Breakfast</td>
<td></td>
</tr>
<tr>
<td>7:50</td>
<td>Welcome and Introduction</td>
<td></td>
</tr>
<tr>
<td>8:00</td>
<td>The Neuro Exam in the ICU</td>
<td>S. Andrew Josephson, MD</td>
</tr>
<tr>
<td>8:35</td>
<td>Management of Stroke</td>
<td>Nerissa U. Ko, MD, MAS</td>
</tr>
<tr>
<td>9:10</td>
<td>Management of Traumatic Brain Injury</td>
<td>Geoff Manley, MD</td>
</tr>
<tr>
<td>9:45</td>
<td>Critical Care of the Obese Patient</td>
<td>Kristina Sullivan, MD</td>
</tr>
<tr>
<td>10:15</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:45</td>
<td>Decision Making in Critical Care: Case Scenarios</td>
<td>Avery Tung, MD</td>
</tr>
<tr>
<td>11:30</td>
<td>Lunch on your own</td>
<td></td>
</tr>
<tr>
<td>1:00 pm</td>
<td>Damage Control</td>
<td>Rochelle Dicker, MD, FACS</td>
</tr>
<tr>
<td>1:30</td>
<td>Orthopaedic Trauma</td>
<td>Eric Meinberg, MD</td>
</tr>
<tr>
<td>2:00</td>
<td>Mass Casualty and the ICU: A Real-Time Demonstration from the Asiana Airlines Crash</td>
<td>M. Margaret Knudson, MD</td>
</tr>
<tr>
<td>2:30</td>
<td>Year in Review in Trauma Surgery</td>
<td>Catherine Juilliard, MD</td>
</tr>
<tr>
<td>3:00</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>3:15</td>
<td>Year in Review in Critical Care</td>
<td>Eric Seeley, MD</td>
</tr>
<tr>
<td>3:45</td>
<td>Critical Care in the Emergency Department</td>
<td>Jennifer Wilson, MD</td>
</tr>
<tr>
<td>4:15</td>
<td>Code Blue/Rapid Response: Measuring Effectiveness</td>
<td>J. Matthew Aldrich, MD</td>
</tr>
<tr>
<td>4:45</td>
<td>Code Sepsis</td>
<td>David Shimabukuro, MDC</td>
</tr>
<tr>
<td>5:15 pm</td>
<td>Adjourn</td>
<td></td>
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</tbody>
</table>

### Friday, May 30, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 am</td>
<td>Continental Breakfast</td>
<td></td>
</tr>
<tr>
<td>8:00</td>
<td>Acute Respiratory Failure</td>
<td>Carolyn S. Calfee, MD</td>
</tr>
<tr>
<td>8:30</td>
<td>Pulmonary HTN</td>
<td>Jamie Ramsay, MD</td>
</tr>
<tr>
<td>9:00</td>
<td>ECMO and VADs, oh my...</td>
<td>Kevin Thornton, MD</td>
</tr>
<tr>
<td>9:30</td>
<td>Practice Variability: What Does It Mean When We All Do Things Differently?</td>
<td>Avery Tung, MD</td>
</tr>
<tr>
<td>10:00</td>
<td>Break</td>
<td></td>
</tr>
</tbody>
</table>

**Course Chairs**

- Rochelle Dicker, MD, FACS  
  - Associate Professor of Surgery and Anesthesia; University of California, San Francisco  
  - San Francisco General Hospital
- David Shimabukuro, MDCM  
  - Associate Professor of Anesthesia and Perioperative Care

**Visiting Speakers**

- Avery Tung, MD  
  - Professor of Anesthesia & Critical Care; Director of Critical Care Services, Burn Unit; Quality Chief, Anesthesia & Critical Care  
  - University of Chicago, Chicago, IL

**UCSF Faculty**

- J. Matthew Aldrich, MD  
  - Assistant Professor of Anesthesiology and Critical Care Medicine
- Christopher Barnett, MD, MPH  
  - Assistant Professor of Medicine
- Kristine Breyer, MD  
  - Assistant Professor of Anesthesiology and Perioperative Care
- Daniel Burkhardt, MD  
  - Associate Professor of Anesthesiology and Perioperative Care
- Carolyn S. Calfee, MD  
  - Associate Professor of Pulmonary and Critical Care Medicine
- Rachael A. Calcutt, MD, MSPH  
  - Assistant Professor of Surgery, Division of General Surgery
- Christopher G. Choukalas, MD, MS  
  - Assistant Clinical Professor of Anesthesiology and Perioperative Care

**UCSF Faculty (Cont'd)**

- Miles B. Conrad MD, MPH  
  - Assistant Professor of Radiology, Department of Radiology and Biomedical Imaging, Interventional Radiology Section
- Anne Donovan, MD  
  - Critical Care Medicine Fellow
- Heidi Engel, PT, DPT  
  - Physical Therapist, Department of Rehabilitative Services
- S. Andrew Josephson, MD  
  - Neurovascular and Behavioral Neurology; Vice Chairman, Parnassus Programs; Director, Neurohospitalist Program; Medical Director, Inpatient Neurology, Department of Neurology
- Catherine Juilliard, MD  
  - Surgical Critical Care Fellow
## FRIDAY, MAY 30, 2014 (CONT’D)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30</td>
<td>Interventional Techniques in the Critically Ill</td>
<td>Miles B. Conrad, MD, MPH</td>
</tr>
<tr>
<td>11:00</td>
<td>Practical Approach to Palliative Care</td>
<td>Michelle Millic, MD</td>
</tr>
<tr>
<td>11:30</td>
<td>Transfusion Ratios: What Is the Evidence?</td>
<td>Rachael A. Callcut, MD, MSPH</td>
</tr>
<tr>
<td>12:00</td>
<td>Lunch on your own</td>
<td></td>
</tr>
<tr>
<td>1:15</td>
<td>“To Prone or Not to Prone”</td>
<td>Jeffrey Gotts, MD &amp; John Turnbull, MD</td>
</tr>
<tr>
<td>2:00</td>
<td>Acute Renal Failure</td>
<td>Kathleen Liu, MD</td>
</tr>
<tr>
<td>2:30</td>
<td>Nutrition in the ICU</td>
<td>Lee-lynn Chen, MD</td>
</tr>
<tr>
<td>3:00</td>
<td>Early Mobilization</td>
<td>Heidi Engel, PT, DPT</td>
</tr>
<tr>
<td>3:30</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>3:45</td>
<td>The Complex Trauma/Critical Care Patient</td>
<td>Rochelle Dicker, MD, FACS</td>
</tr>
<tr>
<td>5:00</td>
<td>Adjourn</td>
<td></td>
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</table>

## SATURDAY, MAY 31, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 am</td>
<td>Continental Breakfast</td>
<td></td>
</tr>
<tr>
<td>8:00</td>
<td>Delirium Screening and Prevention</td>
<td>Kathleen Pontillo, RN, PhD, FAAN, FCCM</td>
</tr>
<tr>
<td>8:30</td>
<td>Difficult to Sedate ICU Patient</td>
<td>Daniel Burkhardt, MD</td>
</tr>
<tr>
<td>9:00</td>
<td>Goal-directed Fluid Resuscitation</td>
<td>Christopher G. Choukalas, MD, MS</td>
</tr>
<tr>
<td>9:30</td>
<td>Bedside Ultrasound</td>
<td>Kristine Breyer, MD</td>
</tr>
<tr>
<td>10:00</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:15</td>
<td>Direct Thrombin Inhibitors</td>
<td>Noelle De Leon, PharmD</td>
</tr>
<tr>
<td>10:45</td>
<td>Thrombocytopenia in the ICU</td>
<td>Anne Donovan, MD</td>
</tr>
<tr>
<td>11:15</td>
<td>Cost-effectiveness in the ICU</td>
<td>Rochelle Dicker, MD, FACS</td>
</tr>
<tr>
<td>11:45 am</td>
<td>Adjourn</td>
<td></td>
</tr>
</tbody>
</table>

**POST COURSE ULTRASOUND WORKSHOP**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00-3:00 pm</td>
<td>Ultrasound Techniques</td>
<td>Rochelle Dicker, MD, FACS, Christopher Barnett, MD, MPH, John Taylor, MD</td>
</tr>
</tbody>
</table>

**UCSF FACULTY (CONT’D)**

- **M. Margaret Knudson MD, FACS**
  Professor of Surgery; Chief of Surgery, San Francisco General Hospital and Trauma Center
- **Nerissa U. Ko, MD, MAS**
  Associate Professor of Neurology; Assistant Director, Neurovascular Service Fellowship Program Director, Neurocritical Care
- **Kathleen Liu, MD**
  Associate Professor
  Divisions of Nephrology and Critical Care, Departments of Medicine and Anesthesia
- **Geoffrey Manley, MD, PhD**
  Professor of Neurological Surgery
- **Eric G. Meinberg, MD**
  Associate Professor of Orthopaedic Surgery
- **Michelle Millic, MD**
  Associate Professor of Medicine
- **Kathleen Pontillo RN, PhD, FAAN**
  Professor of Nursing Emeritus
  School of Nursing
- **James G. Ramsay, MD**
  Professor of Anesthesiology
  Medical Director
  Cardiothoracic ICU Moffitt Hospital
- **Eric J. Seeley, MD**
  Assistant Professor
  Division of Pulmonary and Critical Care Medicine, Department of Medicine
- **Kristina Sullivan, MD**
  Associate Professor of Clinical Anesthesia
- **John M Taylor, MD**
  Associate Professor; Medical Director, Post Anesthesia Care Unit; Medical Director, OR Support Services, Department of Anesthesia and Perioperative Care
- **Kevin Thornton, MD**
  Assistant Professor of Anesthesiology and Perioperative Care
- **Jennifer Wilson, MD**
  Clinical Fellow, Department of Anesthesia and Perioperative Care
REGISTRATION INFORMATION

Tuition:
By May 10  
$650  Physicians  
$510  Allied Health Professionals, Nurses, Interns and Residents  
$100* Ultrasound Techniques Workshop (maximum 12 attendees)

After May 10  
$725  Physicians  
$535  Allied Health Professionals, Nurses, Interns and Residents  
$100* Ultrasound Techniques Workshop (maximum 12 attendees)

* Pre-registration is required. You may register by phone or online only. Call (415) 476-5808. Space limited to 12 people and there is an additional charge of $100 per person.

Payment may be made by Visa, MasterCard, AmEx or check.

REGISTER VIA:

Online:  www.cme.ucsf.edu

Mail:  Complete course registration form and send with payment to:
UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368

Fax:  Fax completed registration form to:
(415) 502-1795 (be sure to include your credit card number)

Phone:  To register or to inquire about registration status, please call UCSF’s CME Registration Office at (415) 476-5808.

On-Site Registration:  Generally we are able to accommodate on-site registration at our courses.

REFUND POLICY

Cancellations received in writing before the first day of the course will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

CONFERENCE LOCATION

Enjoy San Francisco’s renowned attractions such as the historic cable cars, shopping in Union Square, or visit San Francisco’s culinary hub at the Ferry Building. The Westin St. Francis Hotel is just steps from Union Square and the Theatre District. A block of guestrooms has been reserved at the special UCSF conference rate of $239 per night. You are urged to make your reservations early. The cut off date is April 28, 2014, or until the group room block is filled. After this date, rooms will be provided on a space-available basis only.

To make hotel reservations, call 1-800-WESTIN-1 (937-8461) and identify yourself as a member of this UCSF conference to receive the special rate. You can also reserve your hotel rooms on-line by visiting the course webpage on our website at www.cme.ucsf.edu. Please click on the reservations link in the Travel & Lodging section.

By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable.

RENTAL CAR

Hertz is offering special rates for participants of this conference; simply call (800) 654-2240 and refer to convention number # 03BW0133, or call your travel agent. You may also make reservations at www.Hertz.com. Advance reservations are recommended.

AIR TRANSPORTATION

UCSF has negotiated special fares with American and United Airlines for our course attendees. You may use the following tour codes to book on your own:

American code: 5954AE
United code: ZQPP914327

GREEN MEETING – In an effort to present a “greener” meeting, the syllabus will be transmitted electronically, one week prior to the course.
CRITICAL CARE MEDICINE AND TRAUMA
May 29-31, 2014
Westin St. Francis Hotel
San Francisco, California

Mail to: UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368
Fax: (415) 502-1795

Online registration: www.cme.ucsf.edu
Registration Information: (415) 476-5808
Course Information: (415) 476-4251

☐ Dr. ☐ Mr. ☐ Mrs. ☐ Ms.

Last Name __________________________ First Name __________________________ M.I. __________________________

Degree __________________________ Specialty __________________________

Address __________________________ __________________________

City __________________________ State __________________________ Zip __________________________

Daytime Phone __________________________ Fax __________________________

Email __________________________

Address Label Code Letter (see address label: example, A, B, C, D, etc.) __________________________

Would you like to be on our priority email list? ☐ Yes ☐ No

Date of birth to be used as OCME registrant number: _____ / _____ / XX

Month Day

Please indicate if you have any special needs: __________________________

Registration Fees:
By May 10, 2014
☐ $650 Physicians
☐ $510 Allied Health Professionals, Nurses, Interns and Residents

After May 10, 2014
☐ $725 Physicians
☐ $535 Allied Health Professionals, Nurses, Interns and Residents

Ultrasound Techniques Workshop: Pre-registration is required. You may register by phone or online only. Call (415) 476-5808. Space limited to 12 people and there is an additional charge of $100 per person.

Make checks payable to UC Regents

Please charge my credit card: ☐ Visa ☐ MasterCard ☐ AmEx for $ __________________________

Card # __________________________ Expiration date __________________________

Name on Card (Please Print) __________________________ Authorized Signature __________________________

Refund Policy: Cancellations received in writing before the first day of the course will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

Please check our website for up to date information on the course: www.cme.ucsf.edu

Westin St. Francis Hotel
335 Powell Street
San Francisco, CA 94102
www.westinstfrancis.com
415-397-7000
(800) Westin1 (937-8461)