CALIFORNIA THORACIC SOCIETY
FALL SYMPOSIUM & EDUCATIONAL CONFERENCE
Saturday September 30 – Sunday October 1, 2017

ULTRASOUND SKILLS TWO DAY HANDS-ON COURSE &
ADVANCED CLINICAL TRAINING IN COPD

JOINTLY PROVIDED BY:
THE CALIFORNIA THORACIC SOCIETY
AND
THE AMERICAN THORACIC SOCIETY

UCSD SCHOOL OF MEDICINE
MEDICAL EDUCATION – TELEMEDICINE (MET) BUILDING
LA JOLLA, CA
California Thoracic Society Advanced Training in COPD
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 American Thoracic Society and California Thoracic Society. The American Thoracic Society is accredited by the ACCME to provide continuing medical education for physicians.

Approved by the California BRN for 7 CEUs. Provider number CEP599. CTS courses are approved by the CA RCB for CEUs. The American Thoracic Society designates this live activity for a maximum of 7.0 AMA PRA Category 1 Credit(s)™

California Thoracic Society Ultrasound Two-Day Hands-On Course
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The American Thoracic Society designates this live activity for a maximum of 15.5 AMA PRA Category 1 Credit(s)™

Course Information

ACTIVITY SUMMARY:
The goal of this conference is to share best practices in a multi-disciplinary environment with a variety of teaching methods to review the pathophysiology, diagnosis, radiographic imaging, strategies for behavior change, and treatment of COPD to improve patient outcomes. Offered concurrently is a 2 day ultrasound course featuring didactic lectures and hands-on sessions. The hands-on component will include scanning healthy live models and the use of ultrasound simulators to demonstrate both normal anatomy as well as pathology. The topics will include basic ultrasound techniques and application which has recently become a standard of care in managing patients with critical illness.

TARGET AUDIENCE:
Physicians and Allied Healthcare Professionals practicing Critical Care Medicine, Pulmonary Medicine, Internal Medicine, Family Medicine and Anesthesia

Educational Objectives*

Describe COPD pathophysiology and pharmacology based on current evidence based guidelines.

Recognize appropriate strategies for behavior change in COPD.

Recognize and avoid common pitfalls that prevent accurate performance and interpretation of spirometric testing, exercise testing, appropriately tailor oxygen therapy, and effective use of new inhaler devices.

Identify COPD exacerbations and understand their impact on prognosis and care.

Understand the differences between COPD, ILD and COPD/ILD overlap with regard to clinical presentation and management.

Identify the role of radiologic procedures such as CXR and Chest CT in the diagnosis and management of COPD.

Demonstrate knowledge and understanding of basic ultrasound physical principles and instrumentation relative to imaging and artifacts.

Demonstrate proficiency in recognizing ultrasound anatomy of various organs in a healthy individual as well as recognizing the ultrasound characteristics of various common pathologic conditions.

Demonstrate proficiency in ultrasound use and critical thinking skills in acute situations such as diagnosis of shock, pneumothorax, abdominal trauma and deep venous thrombosis.

Demonstrate proficiency in ultrasound-guided procedures such as central line placement, thoracentesis, paracentesis and lumbar puncture.

*A complete list of educational objectives has been posted to the CTS website: www.calithoracic.org.
The Role of Radiographic Imaging in COPD
Fereidoun Abtin MD, UCSD

11:20-11:40
COPD: Behavior Change and Valued Living
Arpi Minassian, PhD, UCSD

11:40-12:00pm
Panel
Rich Casaburi PhD, MD, Vipul Jain MD, Fereidoun Abtin MD, Arpi Minassian, PhD

12:00-1:00
Lunch

CTS ULTRASOUND SKILLS COURSE

Day 1: Sept. 30
Location: UCSD Simulation Center

7:00 – 8:00 AM
Registration, Breakfast, Exhibitors

8:00 – 8:15 AM
Welcome and Pre-Test, Daniel Sweeney, MD

8:15 – 9:00 AM
Introduction to Ultrasound: Evidence, Principles and Equipment, Daniel Sweeney, MD

9:00 – 10:00 AM
Cardiac Ultrasound: Anatomy and Views, Brandon Wiley, MD

10:00 – 10:20 AM
Break/Exhibitors

10:20 – 12:30 PM
Skills Session # 1: Cardiac, Sweeney, Wiley, Tainter

12:00 – 12:30 PM
Lunch

12:30 – 1:00
Cases, Daniel Sweeney, MD

1:00 – 2:00 PM
Vascular Imaging and Ultrasound-Guided Vascular Access, Christopher “Kit” Tainter, MD

2:00 – 3:00 PM
Neuro Ultrasound, Daniel Sweeney, MD

3:00 – 3:20
Break/Exhibitors

3:20 – 5:00 PM
Skills Session # 2: Vascular Access, DVT, Neuro/LP, Sweeney, Wiley, Tainter

Day 2: Oct. 1
Location: UCSD Simulation Center

8:00 – 9:00 AM
Abdominal Imaging and the FAST Exam, Gabriel Wardi, MD

9:00 – 10:00 AM
Pulmonary and Pleural Disease, Daniel Sweeney, MD

10:00 – 10:20
Break/Exhibitors

10:20 – 12:00 PM
Skills Session # 3: Abdominal, FAST, Pulmonary, Sweeney, Wardi

12:00 – 12:30 PM
Lunch

12:30 – 1:00
Cases

1:00 – 2:00 PM
Volume Assessment and the Ultrasound-Guided Management of Shock, Brandon Wiley, MD

2:00 – 2:20 PM
Break/Exhibitors

2:20 – 4:00 PM
Skills session # 4: Shock and Review All, Sweeney, Wiley, Wardi

4:00 – 4:40 PM
Real World Implementation of Ultrasound at Your Institution, Daniel Sweeney, MD

4:40 – 5:00 PM
Wrap-up and Post-Test, Daniel Sweeney, MD
Ultrasound Faculty:
Daniel Sweeney, MD UCSD, ID/Critical Care
Brandon Wiley, MD Mayo Clinic, Cardiology/Critical Care
Gabriel Wardi, MD UCSD, Emergency/Critical Care
Christopher Tainter, MD UCSD, Emergency/Critical Care

COPD Faculty:
Ni-Cheng Liang, MD UCSD
Vipul Jain, MD UCSF-Fresno
George Su, MD UCSF
William Stringer, MD Harbor UCLA
Gordon Yung, MD UCSD
Trina Limberg, RRT UCSD
Chris Garvey, NP UCSF
Richard Casaburi, MD, PhD Harbor UCLA
Fereidoun Abtin, MD UCLA
Arpi Minassian, PhD UCSD
Garner Faulkner, RRT UCSD
Stephanie Tsao, NP UCSF

Planning CMTE
Daniel Sweeney, MD UC San Diego (Course Director)
Philippe Montgrain, MD UC San Diego (Course Director)
Shazia Jamil, MD Scripps Health (Course Director)
  Lorriana Leard, MD UC San Francisco
  Daniel Crouch, MD UC San Diego
  Daniel Lesser, MD UCSD/Rady Children’s
  Lekshmi Santhosh, MD UC San Francisco
  Laren Tan, MD Loma Linda
  Laura Cagle, MD UC Davis
  Jeff Zhang, MD Cedars-Sinai
Christine Garvey, FNP, MSN, MPA UC San Francisco
  George Chaux, MD Cedars-Sinai
  Trina Limberg, RRT UC San Diego
  Ni-Cheng Liang, MD UC San Diego
  William Stringer, MD UCLA
Name: ____________________________________  Degree: ___________________________
Affiliation: ________________________________________________________________
Company: ___________________________________________________________________
Address: _____________________________________________________________________
City: ___________________________________________  State: _____  Zip: ______________
Phone: ________________________________  Cell: _____________________________________
Email: ___________________________________________________________________________

Registration Fees

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<tr>
<th>Course</th>
<th>CTS Physician Member</th>
<th>Early Bird CTS Physician</th>
<th>Non-Member Physician</th>
<th>Early Bird Non-Member Physician</th>
<th>Allied Health Professional &amp; Senior Member</th>
<th>Fellow</th>
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<tbody>
<tr>
<td>Ultrasound Skills &amp; Simulation Course</td>
<td>$1400</td>
<td>$1300</td>
<td>$1600</td>
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<td>Advance Clinical Training in COPD</td>
<td>$175</td>
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Method of Payment

☐ Check (Checks should be made payable to “CTS” and made in U.S. dollars, drawn on U.S. banks.)
Charge:  ☐ Visa  ☐ MasterCard  ☐ AMEX
Card #: ______________________________________  Exp: ______________
Signature: ____________________________________________________________________________
Cardholder Name (PLEASE PRINT CLEARLY): ________________________________________________
Billing Address associated with card: ___________________________________________________

Three Ways to Register:
1.  On-Line: www.calthoracic.org (Visa/MC/AMEX)
2.  By FAX: 703-752-4360 (Visa/MC/AMEX)
3.  By Mail: CTS, 18 Bartol Street # 1054, San Francisco, CA 94133
   (Check/Visa/MC/AMEX)

It is very important to us that you enjoy CTS 2017 Fall Symposium. If due to a disability, you have special needs or requirements, please call 415-536-0287 and we will do our best to accommodate your needs.

Cancellations

No refunds after September 16, 2017. Cancellations made prior to September 16, 2017 are subject to a 50% cancellation fee. Substitute attendees are permitted after September 16th.
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