



**California Thoracic Society  
Southern California  
Annual Educational Conference**

**Friday October 4, 2019 – Saturday October 5, 2019**

Critical Care Updates: Ventilation Liberation, PADIS, PICS And Critical Care Burnout; Review Of Thoracic Imaging For Pulmonary And Critical Care Clinicians; Advances In The Diagnosis And Management Of Pleural Diseases

**Jointly Provided By:**

**The California Thoracic Society**

**The American Thoracic Society**

**And In Cooperation With The California Society For Respiratory Care**

A Comprehensive Two Day Program For Pulmonologists, Critical Care Physicians, Sleep Specialists, Anesthesiologists Practicing Critical Care, Hospitalists, Internal Medicine Physicians, Radiologists, Nurses, Advanced Care Practitioners, Allied Health Professionals (AHPS), Nurse Practitioners, Physician Assistants, Respiratory Therapists, Pharmacists, Residents, Fellows, Sleep Technologists, And Allied Health Trainees

**Hotel Irvine, 17900 Jamboree Road, Irvine, CA**

**Earn 15.25 CME Credits / 15.25 CEU Credits**

## CME STATEMENT

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 (ATS) and California Thoracic Society (CTS). The ATS is accredited by the ACCME to provide continuing medical education for physicians.

The ATS designates this live activity for a maximum of 15.25 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The California Thoracic Society is approved by the California Board of Registered Nursing, Provider #CEP599 for 15.25 contact hours.

The course meets the requirements for CE for RCPs in California.

The California Respiratory Care Board accepts the California Thoracic Society's CEU credits.

## COURSE INFORMATION

### ACTIVITY SUMMARY:

Friday's program focuses on Critical Care updates in Ventilation Liberation; Pain, Anxiety, Delirium, Immobility and Sleep (PADIS); Post-Intensive Care Syndrome (PICS); and Critical Care Practitioner Burnout.

Saturday's morning program provides an overview of thoracic imaging for pulmonary and critical care clinicians. The afternoon session focuses on advances in diagnosis and management of pleural diseases. At the conclusion of this afternoon session, there will be a hands on session dealing with pleural procedures.

### TARGET AUDIENCE:

The program is designed for Pulmonologists, Critical Care physicians, Sleep specialists, Anesthesiologists practicing critical care, Hospitalists, Internal Medicine physicians, Radiologists, Sleep technologists, Nurses, Advanced care practitioners, Allied Health Professionals (AHPs), Nurse Practitioners, Physician Assistants, Respiratory therapists, Pharmacists, Residents, Fellows and Allied Health Trainees.

## EDUCATIONAL OBJECTIVES

- ◆ Understand and apply PADIS (pain, agitation/sedation, delirium, immobility, sleep disruption) and ABCDEF (G) guidelines to the evaluation and management of critical care patients.
- ◆ Apply evidence-based guidelines into ventilator strategies and liberation for acute asthma exacerbation.
- ◆ Understand post-intensive care syndrome (PICS) and learn about implementation of PICS treatment programs.
- ◆ Assess critical care burnout and implement tools to prevent and deal with this important issue.
- ◆ Improve clinician's ability to accurately interpret and diagnose lung diseases by using state-of-the-art imaging techniques.
- ◆ Understand the pathophysiology of pleural diseases and pleural fluid analysis.
- ◆ Understand the current evidence-based management of recurrent malignant and non-malignant pleural effusions.
- ◆ Demonstration and Hands-on experience with pleural procedures.

## FACULTY

**Shazia Jamil, MD**

*Scripps Clinic/UCSD*

**Michelle Cao, DO**

*Stanford University*

**George Su, MD**

*UC San Francisco*

**Nicholas Kolaitis, MD**

*UC San Francisco*

**Richard Light, MD**

*Vanderbilt University*

**Neil R. MacIntyre, MD**

*Duke University*

**Marc Moss, MD**

*University of Colorado*

**Rich Kallet, RRT and  
Justin Scott Phillips, RCP, RRT-ACCS**

*UC San Francisco*

**Alison G. Wilcox, MD**

*Keck School of Medicine of USC*

**Seth Kligerman, MD**

*UC San Francisco*

**Juliana Barr, MD**

*Stanford University/VA Palo Alto MC*

**Biren B. Kamdar, MD**

*UC San Diego*

**Ashley Prosper, MD**

*UC Los Angeles*

**Javier Lorenzo, MD**

*Stanford University*

**Ni-Cheng Liang, MD**

*Coastal Pulmonary Associates/Scripps Health*

**Ara A. Chrissian, MD**

*Loma Linda University*

**Yaron B. Gesthalter, MD**

*UC San Francisco*

**Steve Escobar, MD**

*Scripps Clinic*

**Isabel F. Pedraza, MD**

*Cedars-Sinai Medical Center*

**Dina Bates, MD**

*Scripps Mercy Hospital/Scripps Health*

**Rohit Dewan, DO**

*UC Los Angeles*

## PLANNING COMMITTEE

**Shazia Jamil, MD**

*Conference Chairperson  
Scripps Clinic/UC San Diego*

**Michelle Cao, DO**

*Stanford University*

**Laren Tan, MD**

*Loma Linda University*

**Philippe Montgrain, MD**

*UC San Diego*

**Lorriana Leard, MD**

*UC San Francisco*

**George Su, MD**

*UC San Francisco*

**George Chaux, MD**

*Cedars-Sinai Medical Center*

**Christine Garvey, FNP**

*UC San Francisco*

**Jason Lee, MD**

*Scripps Clinic*

**Ni-Cheng Liang, MD**

*Coastal Pulmonary Associates/Scripps Health*

**Guy W. Soo Hoo, MD**

*Veterans Affairs, Greater Los Angeles*

**Angela Wang, MD**

*Scripps Clinic*

## HOTEL ACCOMMODATIONS

The California Thoracic Society has secured a limited number of rooms at the Hotel Irvine located at 17900 Jamboree Road, Irvine, CA 92630. For check-in on Thursday, October 3, 2019 and check-out on Sunday, October 6, 2019, the room rate is \$149 per night plus taxes. Rooms are available through September 12, 2019.

To make reservations, call the Hotel Irvine at 877-614-2137. You must identify yourself as part of the "California Thoracic Society" to receive your \$149 room rate.

# CTS Southern California Annual Educational Conference

## PROGRAM SCHEDULE - FRIDAY, OCTOBER 4, 2019

### Critical Care Updates: Liberation, PADIS, PICS, And Burnout

7:30 am – 8:00 am

#### Registration, Exhibits, and Breakfast

8:00 am - 8:10 am

#### Welcome and Pre-test

George Su, MD: University of California San Francisco  
and Michelle Cao, MD: Stanford University

8:10 am - 8:40 am

#### Unplanned Intubation

Neil Macintyre, MD  
Duke University  
Supported by the Respiratory Compromise Institute

8:40 am - 9:10 am

#### Updates in Asthma Ventilator Care

Isabel Pedraza, MD  
Cedars-Sinai Medical Center

9:10 am - 9:40 am

#### Liberation, Asthma, and Oxygen: an RT perspective

Rich Kallet, RRT and Justin Scott Phillips, RCP, RRT-ACCS  
University of California San Francisco

9:40 am - 10:00 am

#### Break and Exhibits

10:00 am - 10:30 am

#### PADIS (Pain, Agitation/Sedation, Delirium, Immobility, and Sleep) SCCM Guidelines Update, ICU Metrics, and Mobility Strategies – Part I

Juliana Barr, MD  
Stanford University

10:30 am - 11:00 am

#### PADIS Updates, ICU Metrics, Mobility Strategies – Part II

Javier Lorenzo, MD  
Stanford University

11:00 am - 11:30 am

#### PADIS: ABCDEF bundle +G(ood Sleep)

Biren B. Kamdar, MD  
University of California San Diego

11:30 am - 12:00 pm

#### PADIS Panel Discussion

Juliana Barr, MD; Javier Lorenzo, MD;  
Biren B. Kamdar, MD

12:00 pm - 1:00 pm

#### Lunch and Exhibits

1:00 pm - 1:30 pm

#### The Post-Intensive Care Syndrome (PICS)

Marc Moss, MD  
University of Colorado and past-ATS President

1:30 pm - 2:00 pm

#### Practical Implementation of PICS Programs

Dina Bates, MD  
Scripps Health and University of California San Diego

2:00 pm - 2:20 pm

#### Break and Exhibits

2:20 pm - 2:50 pm

#### ICU Burnout – Part I: ICU Burnout and Organizational Solutions

Marc Moss, MD  
University of Colorado and past-ATS President

2:50 pm - 3:20 pm

#### ICU Burnout – Part II: Individual factors related to Healthcare Professional Burnout

Ni-Cheng Liang, MD  
Coastal Pulmonary Associates and University of California San Diego

3:20 pm - 3:50 pm

#### PICS and ICU Burnout: Faculty Panel Discussion

Marc Moss, MD; Ni-Cheng Liang, MD; Dina Bates, MD

3:50 pm - 4:10 pm

#### Closing Remarks, Post Test, and Break

George Su, MD

4:10 pm - 5:00 pm

#### Meet the Professors: Dr. Light, Dr. Moss, Dr. Barr and Dr. Leard: Fellows, residents, students, early career physicians

**Moderators:** Shazia Jamil, MD: Scripps Clinic and University of California San Diego; Nicholas Kolaitis, MD, University of California San Francisco; and Angela Wang, MD, Scripps Clinic

# CTS Southern California Annual Educational Conference

## PROGRAM SCHEDULE - SATURDAY, OCTOBER 5, 2019

### REVIEW OF THORACIC IMAGING BY CHEST RADIOLOGISTS

7:30 am - 8:00 am

#### Registration, Exhibits, and Breakfast

8:00 am - 8:10 am

#### Welcome and Pretest

Shazia Jamil, MD: Scripps Clinic and University of California San Diego and Angela Wang, MD: Scripps Clinic

8:10 am - 8:40 am

#### Evaluation of Large Airways and Small Airways Disease

Rohit Dewan, DO  
University of California Los Angeles

8:40 am - 9:10 am

#### Pulmonary Infections

Alison Wilcox, MD  
University of Southern California

9:10 am - 9:40 am

#### Lung Cancer Imaging, Including Screening

Ashley Prosper, MD  
University of California Los Angeles

9:40 am - 9:55 am

#### Break and Exhibits

9:55 am - 10:25 am

#### Interstitial Lung Diseases and Collagen Vascular Diseases

Seth Kligerman, MD  
University of California San Diego

10:25 am - 10:55 am

#### Pulmonary Vascular Diseases and Pulmonary Embolism

Alison Wilcox, MD: University of Southern California

10:55 am - 11:25 am

#### Cystic Lung Diseases

Seth Kligerman, MD  
University of California San Diego

11:25 am - 11:55 am

#### Pleural Imaging

Rohit Dewan, DO  
University of California Los Angeles

11:55 am - 12:20 pm

#### Case Discussion: Faculty Panel

12:20 pm - 1:00 pm

#### Lunch and Exhibits

### ADVANCES IN DIAGNOSIS AND MANAGEMENT OF PLEURAL DISEASES

1:00 pm - 1:30 pm

#### Pleural disease: Review of Anatomy, Physiology and Pleural Fluid Analysis

Richard Light, MD  
Vanderbilt University

1:30 pm - 2:00 pm

#### Pleural Diagnostic Interventions: Update on Thoracentesis, Manometry, and Pleuroscopy

Yaron Gesthalter, MD  
University of California San Francisco

2:00 pm - 2:30 pm

#### Management of Complicated Pleural Effusion and Empyema

Steve Escobar, MD  
Scripps Clinic

2:30 pm - 2:50 pm

#### Break and Exhibits

2:50 pm - 3:20 pm

#### Evaluation and Management of Spontaneous and Secondary Pneumothorax

Richard Light, MD  
Vanderbilt University

3:20 pm - 3:50 pm

#### Management of Recurrent Malignant Pleural Effusions

Ara Chrissian, MD  
Loma Linda University

# CTS Southern California Annual Educational Conference

## PROGRAM SCHEDULE - SATURDAY, OCTOBER 5, 2019

3:50 pm - 4:10 pm

**Management of Non-Malignant Recurrent Pleural Effusions (including Rare Pleural Diseases: Chylothorax, Urinothorax, Hepatic Hydrothorax, and Pancreatic Fistula Effusions)**

Ara Chrissian, MD

Loma Linda University

4:10 pm - 4:35 pm

**Updates on Mesothelioma in 2019**

Yaron Gesthalter, MD

University of California San Francisco

4:35 pm - 4:50 pm

**Closing Remarks, Post Test, and Break**

Shazia Jamil, MD

4:50 pm - 6:45 pm

### **Pleural Procedures and Hands on Session**

**Moderators:** Laren Tan, MD, Shazia Jamil, MD, Jason Lee, MD, Ara Chrissian, MD, Steve Escobar, MD, and Yaron Gesthalter, MD

1. Ultrasound-Guided Thoracentesis – Hands on, audience participation
2. Pleural Manometry – Hands on, audience participation
3. Tunneled Indwelling Pleural Catheter Placement – Hands on, audience participation
4. Small Bore and Standard Thoracostomy Tube Placement – Hands on, audience participation
5. Flex-rigid Pleuroscopy for Pleural Effusion Diagnosis, Chest Drain Valves, and Digital Chest Drainage Systems -- Demonstration ONLY with audience participation





# California Thoracic Society Southern California Annual Educational Conference

**Friday October 4, 2019 – Saturday October 5, 2019**

## REGISTRATION FORM

NAME \_\_\_\_\_ DEGREE \_\_\_\_\_

TITLE \_\_\_\_\_

ORGANIZATION \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ CELL \_\_\_\_\_

EMAIL \_\_\_\_\_

**Registration Fees: Register by September 13, 2019 to lock-in early-bird rates!**

		2 DAY (Friday & Saturday)		1 DAY (Friday OR Saturday)	
		Before 9/13/2019	After 9/13/2019	Before 9/13/2019	After 9/13/2019
Physician	CTS Member	\$350	\$395	\$195	\$225
	Non-Member	\$495	\$550	\$340	\$370
Allied Health	CTS Member	\$195	\$240	\$125	\$155
	Non-Member	\$340	\$385	\$270	\$300
In training		\$150	\$175	\$100	\$125

Individual Membership for Physicians and Allied Health Professionals = \$135

Individual Membership for any respiratory professionals *in training* = \$75

### Cancellations

Cancellations received before September 9, 2019 are subject to a \$75 cancellation fee. No refunds or cancellations after September 9, 2019. Substitute attendees are permitted. All cancellation requests must be made in writing and sent to: [info@calthoracic.org](mailto:info@calthoracic.org).

### Payment

Check Enclosed (payable to California Thoracic Society)  
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](http://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)

### QUESTIONS:

Contact CTS at 415-536-0287 or email [info@calthoracic.org](mailto:info@calthoracic.org)