UPDATES ON THE COVID-19 PANDEMIC,
LUNG CANCER,
SLEEP DISORDERS,
AND CLIMATE CHANGE
EFFECTS ON LUNG HEALTH

A COMPREHENSIVE TWO-DAY PROGRAM FOR PULMONOLOGISTS, INTENSIVISTS, SLEEP SPECIALISTS, ANESTHESIOLOGISTS PRACTICING CRITICAL CARE, HOSPITALISTS, INTERNAL MEDICINE PHYSICIANS, RADIOLOGISTS, RESPIRATORY THERAPISTS, SLEEP TECHNOLOGISTS, NURSES, ADVANCED PRACTICE PROVIDERS (APPs: NURSE PRACTITIONERS, PHYSICIAN ASSISTANTS), APP TRAINEES, ADVANCED CLINICAL PRACTITIONERS (ACPs), PHARMACISTS, FELLOWS, RESIDENTS, AND OTHER HEALTH CARE PROFESSIONALS IN THE FIELD OF PULMONARY, CRITICAL CARE AND SLEEP MEDICINE

PORTOLA HOTEL & SPA, MONTEREY, CA

EARN UP TO 14.0 CME CREDITS / 14.0 CEU CREDITS
(7 CME/CMU Credits Available for Friday; 7 CME/CMU Credits Available for Saturday)
ACTIVITY SUMMARY:
This conference brings together regional and national experts to discuss the latest advances in Pulmonary, Critical Care and Sleep Medicine. **Friday, Day 1** will address the COVID-19 pandemic, including the latest evidence-based medical strategies, ECMO and transplantation, and models of post-COVID-19 care. This will be followed by advances in lung cancer from diagnostics to therapeutics to palliative procedures. **Saturday, Day 2** begins with an update on sleep disorders including sleep-disordered breathing, hypersomnia, insomnia and restless legs syndrome. This will be followed by major public health issues focusing on the climate crisis and vaping and their effects on lung health.

TARGET AUDIENCE:
The program is designed for pulmonologists, intensivists, sleep specialists, anesthesiologists practicing critical care, hospitalists, internal medicine physicians, radiologists, respiratory therapists, sleep technologists, nurses, advanced practice providers (APPs: nurse practitioners, physician assistants) and APP trainees, advanced clinical practitioners (ACPs), pharmacists, in-training fellows and residents, and other health care professionals in the field of pulmonary, critical care, and sleep medicine.

EDUCATIONAL OBJECTIVES
- To describe and employ the latest COVID-19 treatment strategies in all settings, including ambulatory care to the ICU to long-COVID management tenets.
- To identify and apply up-to-date bronchoscopic techniques in the realm of lung cancer diagnostics and palliation.
- To classify and compare the various types of anti-lung cancer pharmacotherapies and their pulmonary side effects.
- To implement advances in alternative therapies for sleep-disordered breathing as well as pharmacologic and behavioral treatment strategies for sleep-wake disturbances, including hypersomnia and insomnia.
- To understand the impact of climate change and air pollution from wildfires and vaping on lung health, along with mitigation strategies.
Gaurav Singh, MD, MPH  
**Conference Co-Chair**  
Clinical Assistant Professor  
Pulmonary, Critical Care, Sleep Section  
Palo Alto VA Health Care System

Michelle Cao, DO  
**Co-Chair, Education Committee: California Thoracic Society**  
Clinical Associate Professor  
Division of Pulmonary, Allergy & Critical Care Medicine  
Stanford University

Shazia Jamil, MD  
**Co-Chair, Education Committee: California Thoracic Society**  
Head, Academic Affairs: Division of Pulmonary, Critical Care & Sleep Medicine, Scripps Clinic  
Co-Director: Circadian Rhythm Sleep Disorders and Chronotherapy Program  
Clinical Associate Professor of Medicine  
University of California, San Diego

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Professor of Medicine  
Division of Pulmonary, Critical Care & Sleep Medicine  
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Clinical Assistant Professor  
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Nicholas Kolaitis, MD  
Assistant Clinical Professor  
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Internal Medicine GME Teaching Faculty  
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Professor of Medicine  
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San Francisco General Hospital  
University of California, San Francisco

Angela Wang, MD  
Clinical Professor of Medicine  
Division of Pulmonary, Critical Care & Sleep Medicine  
University of California, San Diego

Kristina Kudelko, MD  
**Conference Co-Chair**  
Clinical Associate Professor  
Division of Pulmonary, Allergy & Critical Care Medicine  
Stanford University
Harmeet Bedi, MD  
Stanford University  

Emma Blackmon, PhD, RN, CCRN  
UC Davis  

Michelle Cao, DO  
Stanford University  

Robson Capasso, MD  
Stanford University  

George Chaux, MD  
Cedars-Sinai Medical Center  

Krystal Craddock, MSRC, RRT, RRT-ACCS, RRT-NPS, AE-C, CCM  
UC Davis  

Laura Crotty Alexander, MD  
UC San Diego  

Millie Das, MD  
VA Palo Alto Health Care System  
Stanford University  

Oren Friedman, MD  
Cedars-Sinai Medical Center  

Nicholas Kolaitis, MD  
UC San Francisco  

Ryan Maves, MD  
Wake Forest University School of Medicine  

Michelle Moore, MD  
Kaiser Permanente Santa Clara  

Susan Murin, MD, MSc, MBA  
UC Davis  

Mark Nicolls, MD  
Stanford University  

Brandon Nokes, MD  
UC San Diego  

Justin Phillips, RCP, RRT-ACCS  
UC San Francisco  

Michelle Primeau, MD  
Sutter Health San Carlos  

Lekshmi Santhosh, MD, MA  
UC San Francisco  

Kathleen Sarmiento, MD, MPH  
San Francisco VA Health Care System  
UC San Francisco  

Leslie Seijo, MD  
UC San Francisco  

Dean Sheppard, MD  
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Brian Smith, MSRC, RRT  
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Daniel Stemen, MSRS, RCP, RRT-ACCS, ECMOS  
University of Southern California  

Neeta Thakur, MD  
UC San Francisco  

Jose Vempilly, MD  
UC San Francisco at Fresno  

Rafael Zuzuarregui, MD  
San Francisco VA Health Care System  
UC San Francisco
The California Thoracic Society has secured a limited number of rooms at the Portola Hotel & Spa located at:

**Portola Hotel & Spa**
Two Portola Plaza  
Monterey, CA 93940

**For check-in on Thursday March 10, 2022 and check-out on Sunday March 13, 2022, the room rate is $229.00 per night plus taxes.**
Click on the following link to make your room reservations:  

If you prefer to call the Portola Hotel, dial 1-888-222-5851.  
You must mention that you are attending the California Thoracic Society 2022 Conference to get the group rate.
Thursday, March 10, 2022
7:00 pm – 8:30 pm
Meet & Greet Reception With Hors d’oeuvres and Mini-Presentation

Friday, March 11, 2022
FROM THE INTENSIVE CARE UNIT TO HOME AGAIN: LESSONS LEARNED FROM THE COVID-19 PANDEMIC

7:00 am – 8:00 am
Registration & Breakfast

8:00 am – 8:15 am
Welcome and Pre-Test
Kristina Kudelko, MD and Gaurav Singh, MD, MPH

8:15 am – 9:05 am
Update on Evidence-Based Therapies for COVID-19
Ryan Maves, MD
Keynote Speaker

9:05 am – 9:50 am
Unconventional and Advanced Modes of Ventilation and Proning
Krystal Craddock, MSRC, RRT, RRT-ACCS, RRT-NPS, AE-C, CCM; Justin Phillips, RCP, RRT-ACCS; and Emma Blackmon, PhD, RN, CCRN

10:50 am – 11:35 am
Lung Transplantation for Severe COVID-19
Nick Kolaitis, MD and Leslie Seijo, MD

11:35 am – 12:20 pm
Long COVID Pulmonary Management: Establishing Post-COVID-19 Models of Care
Lekshmi Santhosh, MD, MA

12:20 pm – 1:20 pm
Lunch

1:20 pm – 2:20 pm
Hands-On Session: ICU Ventilators, Oxygen Delivery Devices, Manual and Self-Proning
Krystal Craddock, MSRC, RRT, RRT-ACCS, RRT-NPS, AE-C, CCM; Justin Phillips, RCP, RRT-ACCS; Daniel Stemen, MSRS, RCP, RRT-ACCS, ECMOS; Brian Smith, MSRC, RRT; and Emma Blackmon, PhD, RN, CCRN

ADVANCES IN LUNG CANCER DIAGNOSTIC AND THERAPEUTIC STRATEGIES

2:20 pm – 3:05 pm
Advances in Diagnosis and Staging
Harmeet Bedi, MD

3:05 pm – 3:50 pm
Molecular Testing and Targeted Therapies
Millie Das, MD

3:50 pm – 4:05 pm
Break

4:05 pm – 4:50 pm
Palliation Therapies (Stents, Laser Therapy, Indwelling Pleural Catheters)
George Chaux, MD

4:50 pm – 5:00 pm
Post-Test and Adjourn
Kristina Kudelko, MD and Gaurav Singh, MD, MPH

5:30 pm – 7:30 pm
Trainee Poster Session (NON-CME)
Saturday, March 12, 2022

UPDATE ON SLEEP DISORDERS

7:00 am – 8:00 am
Registration & Breakfast

8:00 am – 8:15 am
Welcome and Pre-Test
Gaurav Singh, MD, MPH and Kristina Kudelko, MD

8:15 am – 9:05 am
Hands-On Sessions: Hypoglossal Nerve Stimulator for OSA, Neuromuscular Electrical Stimulation and Positional Sleep Therapy for OSA, Forehead Cooling for Insomnia and Actigraphy, Medical Devices for Restless Legs Syndrome
Gaurav Singh, MD, MPH; Brandon Nokes, MD; Michelle Cao, DO; Michelle Primeau, MD; Rafael Zuzuarregui, MD

CLIMATE CHANGE AND ENVIRONMENTAL POLLUTION

2:20 pm – 3:05 pm
Wildfires and Effects on Obstructive Airways Diseases
Neeta Thakur, MD

3:05 pm – 3:50 pm
Climate Crisis: Impact on Lung and Overall Health
Jose Vempilly, MD

3:50 pm – 4:35 pm
Vaping: COVID-19 and More
Laura Crotty Alexander, MD

4:35 pm – 4:45 pm
Post-Test and Adjourn
Gaurav Singh, MD, MPH and Kristina Kudelko, MD

5:00 pm – 6:00 pm
Pandemic Career Development and Wellness Panel (NON-CME)
Moderators: Gaurav Singh, MD, MPH and Kristina Kudelko, MD
Panelists: Michelle Moore, MD; Susan Murin, MD, MSc, MBA; Mark Nicolls, MD; Dean Sheppard, MD
*Available to view live via Zoom link for non-attendees

6:30 pm – 8:00 pm
Women In Pulmonary, Critical Care, and Sleep Medicine (NON-CME)
Moderator: Angela Wang, MD

Sunday, March 13, 2022

8:30 am – 9:30 am
NON-CME BREAKFAST PRESENTATION
Three Ways to Register:
1. On-Line: www.calthoracic.org (Visa/MC/AMEX)
2. By FAX: 415-689-9027 (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
To join California Thoracic Society go to:
https://calthoracic.org/membership/

Costs are as follows:
Individual Membership/renewals for Physicians and Non-Physicians $135
Individual Membership for any respiratory professionals in training $75
Special group pricing is also available.

Cancellations
Cancellations received before February 25, 2022 are subject to a $75 cancellation fee. No refunds or cancellations after February 25, 2022. Substitute attendees are permitted. All cancellation requests must be made in writing and sent to: info@calthoracic.org.

Register by FEBRUARY 18, 2022 to lock-in early-bird rates!

Name*: ___________________________________________________________________
Degree*: _________________________________________________________________
Title: _____________________________________________________________________
Organization: ______________________________________________________________
Address*: __________________________________________________________________
City*: ______________________ State*: ___ Zip*: ____________________________
Phone: ______________________ Cell: _________________________________________
Email*: ___________________________________________________________________

*Required for each attendee

Payment
☐ Check Enclosed (payable to California Thoracic Society)

Charge: ☐ Visa ☐ MasterCard ☐ AMEX
Card #: __________________________________________ Exp: _______ CCV: __________
Signature: __________________________________________
Cardholder Name (Please Print Clearly) __________________________________________

Billing address associated with card
Street: _____________________________________________________________________
City: ______________________ State: ___ Zip: ________________________________