

BRIGHAM HEALTH



BRIGHAM AND WOMEN'S
The Lung Center

8th Annual Board Review and Update in Pulmonary and Critical Care Medicine

Hybrid format: Both
On-Site
(Simmons College) and
On-line
(live and on-demand lectures)

November 2-4, 2023

Course Directors:

Bruce Levy, M.D., Rebecca Sternschein, M.D., Kathy Haley, M.D., Anthony Massaro, M.D., and Gerald Weinhouse, M.D.

**Pulmonary and Critical Care Medicine Division
Brigham and Women's Hospital/Harvard Medical School**

Day 1 (Thursday, Nov. 2, 2023): Pulmonary Medicine

On-Site only:

7:30 – 8:00 a.m.

Continental breakfast

8:00-8:05 a.m.

Welcome/introduction

B. Levy/G.

Weinhouse

8:05-9:00 a.m.

Live Lung Ultrasound Workshop with Demonstration

L. Palmer

9:00-9:25 a.m.

Break

Live and Live-streamed:

9:25 – 9:30 a.m.

Welcome and Introduction

B. Levy/G. Weinhouse

Obstructive Lung Diseases:

9:30 – 10:05 a.m. Current Asthma Management Strategies

K. Haley

10:05 - 10:40

COPD: Current and emerging management strategies

C. Hersh

10:40 – 10:50

Break

10:50 – 11:25

Artificial Intelligence and Machine Learning in Clinical Medicine

J. Drazen

11:25 – 12:00

Post-COVID dyspnea—evaluation and management

D. Systrom

12:00 – 12:35

Prevention and Treatment of Venous
Thromboembolism

S. Goldhaber

Break / Study Hall

On-Site only:

12:45 – 1:45 p.m.

B. Raby

Meet-the-Professor Lunch:

Introduction to Pulmonary Genetics and Genomics

Live and Live-streamed:

2:00 – 2:35

Pulmonary pathology for the boards

B. Padera

2:35 -3:10

Chest Imaging Pearls

A. Hunsaker

3:10 - 3:45

Interdisciplinary Approach to
Interstitial Lung Diseases

G. Hunninghake

3:45 – 3:55

Break

3:55 - 4:30

Pulmonary Involvement in Rheumatic Diseases

P. Dellaripa

4:30 – 5:05

Cystic Lung Disease

S. El-Chemali

“Study Hall”: Pre-Recorded Lectures - Day 1 (Pulmonary Medicine)

Managing Complicated Cases of Pleural Disease	<i>S. Schissel</i>
Occupational Lung Disease Pneumonia	<i>R. McCunney</i>
Pneumonia	<i>R. Baron</i>
Bronchiolitis and non-CF bronchiectasis	M. Cernadas
Cystic Fibrosis in the Adult	<i>A. Uluer</i>
Sarcoidosis and Hypersensitivity Pneumonitis	<i>R. Putman</i>
Lung Transplantation	<i>N. Sharma</i>
Pulmonary Medicine Board Questions/Selected Topics	<i>R. Sternschein</i>
Pulmonary Vasculitides	P. Dellaripa
Assessment and management of the patient with chronic cough	P. Dieffenbach

Day 2 (Friday, Nov. 3, 2023): Pulmonary Medicine

On-Site only:

7:30 – 8:00 a.m.

8:00-9:00 a.m.

Continental breakfast

Echocardiogram Workshop with Demonstration

L. Palmer, E. Platz

9:00-9:30 a.m.

Break

Live and Live-streamed:

Lung Cancer:

9:30 - 10:05 a.m.

Lung Cancer screening and approach to the lung nodule

A. Ramaswamy

10:05 - 10:40

Lung Cancer: State of the Art treatment

D. Kwiatkowski

10:40 – 10:50

Break

Selected Topics:

10:50 - 11:25

Sleep-Disordered Breathing and Non-Invasive Ventilation

K. Ismail

11:25 – 12:00

Non-Tuberculous Mycobacterial Pulmonary Infections

D. Solomon

12:00 – 12:35 Interventional Pulmonology

M. Shafiq

Break / Study Hall

On-Site only:

12:45 – 1:45 p.m.

Meet-the-Professor Lunch:

B. Levy

Day 2: Critical Care Medicine

Live and Live-streamed:

2:00 – 2:35

Current treatment of Cardiogenic Shock

B. Bergmark

2:35 – 3:10

Pulmonary HTN and RV dysfunction

A. Waxman

3:10 – 3:45

Life-Threatening Cardiac Arrhythmias in the ICU

T. Tadros

3:45 – 3:55

Break

3:55 – 4:30

Palliative Care in the ICU

J. Lakin

4:30 – 5:05

Reducing ICU Delirium

J. Devlin

Break

On-Site only: 7:30 p.m. Dinner with Special Guest

B. Brown

“Study Hall”: Pre-Recorded Lectures - Day 2 (Pulmonary and Critical Care Medicine)

Endocrine Management in the ICU	<i>M. Hudson</i>
Obstetrical Critical Care	<i>S. Easter</i>
OSA: Diagnosis and Management	<i>R. Budhiraja</i>
Pulmonary Infections in the Immunocompromised Host	<i>L. Baden</i>
Management of the chronic respiratory failure patient	<i>M. Divo</i>
Interpretation of Integrated Cardiopulmonary Exercise Testing	<i>D. Systrom</i>
Non-infectious pneumonitis	<i>G. Weinhouse</i>
Critical Care Board Questions /Selected Topics	<i>R. Sternschein</i>
Non-sleep apnea sleep---Parasomnias and narcolepsy	<i>M. Stanchina</i>

Day 3 (Saturday, Nov. 4, 2023): Critical Care Medicine

On-Site only:

7:30-8:00 a.m.

Continental breakfast

8:00 – 9:25 a.m.

Interactive Discussion: Best Medical ICU Cases
from the Brigham 2023

A. Massaro et al.

Live and Live-streamed:

Respiratory Failure and Sepsis:

9:30 – 10:05 a.m. Update: ARDS and respiratory failure

A. Massaro

10:05 – 10:40 State of the Art Sepsis management

B. Baron

10:40 – 10:50

Break

10:50 – 11:25

Blood pressure and oxygen targets in the ICU

G. Weinhouse

Extrathoracic Critical Care:

11:25 – 12:00 Toxidromes

P. Chai

12:00 – 12:35 Renal Replacement Therapy: Choices and Outcomes

K. Christopher

Break / Study Hall

On-Site only:

12:45 – 1:45 p.m.

Meet-the-Professor Lunch:

*K. Walker and Hassan Sajjad
Can't miss articles in Critical Care*

Live and Live-streamed:

2:00 – 2:35 Massive Gastrointestinal Bleeding

J. Saltzman

2:35 – 3:10 Considerations in the management of critically ill obese patients

C. Apovian

3:10 – 3:45 Bleeding and Clotting Emergencies in the ICU

J. Connors

3:45 – 3:55

Break

3:55 – 4:30 What Every Intensivist Should

G. Henderson

Know About the Management of Acute Stroke

4:30 – 5:05 Prophylactic Strategies in the ICU

K. Haley

“Study Hall”: Pre-Recorded Lectures – Day 3 (Critical Care Medicine)

Acid-Base Disorders and ABG's	<i>K. Christopher</i>
Ethical Dilemmas in the ICU	<i>K. Haley</i>
ICU Pain Management and Opioid Stewardship	<i>P. Szumita</i>
Intra-abdominal Catastrophes	<i>R. Askari</i>
Nutrition in the ICU	<i>M. Robinson</i>
Ventilator-Associated Pneumonia	<i>M. Klompas</i>
Acute Hepatic Failure in the ICU	<i>A. Rutherford</i>
ECMO for acute respiratory failure	<i>R. Seethala</i>