



BRIGHAM HEALTH
Lung Center

9th Annual Board Review and Update in Pulmonary and Critical Care Medicine

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

November 7-9, 2024

Course Directors:

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

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



Mass General Brigham



Day 1 (Thursday, Nov. 7, 2024): 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
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Obstructive Lung Diseases:

9:30-10:05 a.m.	Impact of biologicals in asthma and disparities in access to care	A. Akenroye
10:05-10:40	COPD among non-smokers	C. Hersh
10:40-10:50	Break	
10:50-11:25	AI-assisted clinical reasoning: To Err is Human	R. Abdunour
11:25-12:00	Introduction to Pulmonary Genetics and Genomics	B. Raby
12:00-12:35	State of the Art prevention and Treatment of Venous Thromboembolism -a moving target	S. Goldhaber
	Break / Study Hall	

On-Site only:

12:45-1:45 p.m.	Meet-the-Professor Lunch: How imaging can shape treatment of lung disease	George Washko
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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	ILD: what's new in diagnostics and treatment	G. Hunninghake
3:45-3:55	Break	
3:55-4:30	The approach to the patient with PA hypertension	A. Waxman
4:30-5:05	Non-tuberculous mycobacterial pulmonary infection	D. Solomon

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

Pneumonia	R. Baron
Bronchiolitis and non-CF bronchiectasis	M. Cernadas
Cystic Fibrosis in the Adult	A. Uluer
Sarcoidosis and Hypersensitivity Pneumonitis	R. Putman
Lung Transplantation	N. Sharma
Pulmonary Medicine Board Questions/Selected Topics	R. Sternschein
Pulmonary Vasculitides	P. Dellaripa
Assessment and management of the patient with chronic cough	P. Dieffenbach
Pulmonary Involvement in Rheumatic Diseases	P. Dellaripa

Day 2 (Friday, Nov. 8, 2024): Pulmonary Medicine

On-Site only:

7:30-8:00 a.m. **Continental breakfast**

8:00-9:00 a.m. Echocardiogram Workshop with Demonstration

L. Palmer

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 medical treatment

D. Kwiatkowski

10:40-11:15 Surgical treatment for lung cancer

M. Pommerening

11:15-11:25 **Break**

11:25-12:00 Occupational Lung disease

R. McCunney

12:00-12:35 State of the Art in Management of Challenging Pleural Effusions

M. Shafiq

Break / Study Hall

On-Site only:

12:45-1:45 p.m. **Meet-the-Professor Lunch:**

The next pandemic: Are we prepared?

M. Klompas

Live and Live-streamed:

Critical Care Medicine:

2:00-2:35 Current treatment of Cardiogenic Shock

B. Bergmark

2:35-3:10 Life-Threatening Cardiac Arrhythmias in the ICU

T. Tadros

3:10-3:20 **Break**

3:20-3:55 Critical Care issues in sickle cell anemia

M. Achebe

3:55-4:30 Palliative Care in the ICU

K. Walker

4:30-5:05 New sedation strategies

J. Devlin

On-Site only:

7:30 p.m. **Dinner with Special Guest**

Managing a large medical staff and helping avoid burnout

S. Schissel

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

Endocrine Emergencies in the ICU	A. Bikas
Obstetrical Critical Care	S. Easter
OSA: Diagnosis and Management	R. Budhiraja
Pulmonary Infections in the Immunocompromised Host	L. Baden
Interpretation of Integrated Cardiopulmonary Exercise Testing	D. Systrom
Drug-induced lung disease	G. Weinhouse
Critical Care Board Questions /Selected Topics	R. Sternschein
Non-sleep apnea sleep---Parasomnias and narcolepsy	M. Stanchina
Nocturnal Non-Invasive Ventilation	K. Ismail
Management of severe asthma	E. Israel
Interventional pulmonology	M. Shafiq
Anxiety and its impact on dyspnea & the overall symptom burden experienced by pulmonary patients	M.Cassady
Critical care issues in patients with substance use disorders	J. Suzuki

Day 3 (Saturday, Nov. 9, 2024): 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 Sepsis 2024

C. Rhee

10:40-10:50 **Break**

10:50-11:25 Mechanical circulatory support in the ICU

R. Seethala

Extrathoracic Critical Care:

11:25-12:00 Vasopressors: How to choose and deliver

J. Degrado

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

G. McMahon

Break / Study Hall

On-Site only:

12:45-1:45 p.m. **Meet-the-Professor Lunch:**

Pro/Con: AI in critical care: The greatest thing since sliced bread

R. Abdulnour & J. Drazen

Live and Live-streamed:

2:00-2:35 Nutrition support in the critically ill

R. Robinson

2:35-3:10 Management unique to the chronically critically ill

K. Haley

3:10-3:45 Management of acute stroke in the ICU

R. Mahajan

3:45-3:55 **Closing remarks**

G. Weinhouse

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

Ethical Dilemmas in the ICU	K. Haley
ICU Pain Management and Opioid Stewardship	P. Szumita
Acute Hepatic Failure in the ICU	A. Rutherford
Bleeding and Clotting Emergencies in the ICU	J. Connors
Toxidromes	P. Chai
Acute and chronic tracheostomy care	
Considerations in the management of critically ill obese patients	C. Apovian

Updated on 10/04/2024