

BRIGHAM HEALTH



**BRIGHAM AND WOMEN'S
The Lung Center**

**6th Annual Board Review and
Update in Pulmonary and
Critical Care Medicine**

Entirely On-line

(live and on-demand lectures)

November 4-6, 2021

Course Directors:

**Christopher Fanta, M.D., Bruce Levy, 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**



**HARVARD
MEDICAL SCHOOL**

Day 1 (Thursday, Nov. 4, 2021): Pulmonary Medicine

7:25 -7:30 Welcome/introduction *B. Levy & C. Fanta*

7:30 – 9:25 a.m. Cardiac Ultrasound Workshop *L. Palmer & E. Platz*

Obstructive Lung Diseases:

9:30 – 10:05 a.m. Evolving Guidelines for the Management of Asthma *E. Israel*

10:05 - 10:40 Pathophysiology and Treatment of COPD *C. Hersh*

10:40 – 10:50 ***Mini-Break***

10:50 – 11:25 Cystic Fibrosis in the Adult *A. Uluer*

11:25 – 12:00 Non-Tuberculous Mycobacterial Pulmonary Infections *P. Sax*

Pulmonary Vascular Diseases:

12:00 – 12:35 Assessment and Treatment of Pulmonary Hypertension *A. Waxman*

Break / Study Hall

2:00 – 2:35 Prevention and Treatment of Venous Thromboembolism *S. Goldhaber*

Interstitial Lung Diseases:

2:35 -3:10 Interdisciplinary Approach to Interstitial Lung Diseases *G. Hunninghake*

3:10 - 3:45 Sarcoidosis and Hypersensitivity Pneumonitis *R. Putman*

3:45 – 3:55 ***Mini-Break***

3:55 - 4:30 Pulmonary Involvement in Rheumatic Diseases *P. Dellaripa*

4:30 – 5:05 Cystic Lung Disease *S. El-Chemaly*

Break

5:30 – 6:30 Pulmonary Medicine Board Questions/Selected Topics *B. Cockrill*

6:30 – 8:25 Interactive Lung Ultrasound Workshop *E. Platz*
(*Re-broadcast of recorded session from this morning*)

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

Natural History of COPD: Can It Be Modified?	<i>B. Celli</i>
Managing Complicated Cases of Pleural Disease	<i>S. Schissel</i>
Occupational Lung Disease	<i>R. McCunney</i>
Pneumonia	<i>R. Baron</i>
Pulmonary Vasculitides	<i>M. Cernadas</i>
Pulmonary Pathology for the Boards	<i>R. Padera</i>
Chest Imaging Pearls	<i>A. Hunsaker</i>
Combating COVID Misinformation: Best Practices and COVIDProtocols.org	<i>C. Cohen</i>

Day 2 (Friday, Nov. 5, 2021): Pulmonary Medicine

7:30 – 9:25 a.m. Lung Ultrasound Workshop *E. Platz*

Lung Cancer:

9:30 - 10:05 a.m. Lung Cancer: Screening, Diagnosis, and Staging *G. Weinhouse*

10:05 - 10:40 Lung Cancer: Treatment Options *D. Kwiatkowski*

10:40 – 10:50 **Break**

Selected Topics:

10:50 - 11:25 Lung Transplantation: State of the Art *H. Goldberg*

11:25 – 12:00 Sleep-Disordered Breathing and Non-Invasive Ventilation *K. Ismail*

12:00 – 12:35 Bronchiolitis and Non-CF Bronchiectasis *C. Fanta*

Break / Study Hall

Day 2: Critical Care Medicine

Sepsis and Shock:

2:00 – 2:35 Cardiogenic Shock *B. Bergmark*

2:35 – 3:10 Life-Threatening Cardiac Arrhythmias in the ICU *T. Tadros*

3:10 – 3:45 Sepsis 2021 *R. Baron*

3:45 – 3:55 **Mini-Break**

3:55 – 4:30 *C. difficile* colitis *J. Allegretti*

4:30 – 5:05 Reducing ICU Delirium *J. Devlin*

Break

5:30 – 6:30 Critical Care Board Questions /Selected Topics *R. Sternschein*

6:30 – 8:25 Interactive Cardiac Ultrasound Workshop *L. Palmer & E. Platz*
(Re-broadcast of recorded session from this morning)

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

Covid-19: Transmission and Infection Control	<i>M. Klompas</i>
Covid-19: ARDS and ICU Complications	<i>A. Massaro</i>
Tuberculosis Update 2021	<i>E. Nardell</i>
Endocrine Management in the ICU	<i>M. Hudson</i>
Obstetrical Critical Care	<i>S. Easter</i>
OSA: Diagnosis and PAP Management	<i>R. Budhiraja</i>
Pulmonary Infections in the Immunocompromised Host	<i>L. Baden</i>
Gamifying Clinical Reasoning: <i>NEJM</i> Healer	<i>R. Abdulnour</i>

Day 3 (Saturday, Nov. 6, 2021): Critical Care Medicine

7:30 – 9:25 a.m. Best Medical ICU Cases from the Brigham 2021 *A. Massaro*

Respiratory Failure:

9:30 – 10:05 a.m. Non-Invasive Ventilation and High-Flow Oxygen *E. Gay*

10:05 – 10:40 Ventilator Management Strategies *A. Massaro*

10:40 – 10:50 ***Break***

10:50 – 11:25 ECMO *R. Seethala*

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

2:00 – 2:35 Massive Gastrointestinal Bleeding *M. Ryou*

2:35 – 3:10 Acute Hepatic Failure in the ICU *A. Rutherford*

3:10 – 3:45 Bleeding and Clotting Emergencies in the ICU *J. Connors*

3:45 – 3:55 ***Mini-Break***

3:55 – 4:30 What Every Intensivist Should Know About the Management of Acute Stroke *G. Henderson*

4:30 – 5:05 Interventional Pulmonology *M. Shafiq*

5:10 – 7:05 Best Medical ICU Cases from the Brigham 2021
(*Re-broadcast of recorded session from this morning*) *A. Massaro*

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

‘Can’t Miss’ Articles in Critical Care Medicine, 2020-2021 *K. Walker & G. Weinhouse*

Acid-Base Disorders and ABG’s *K. Christopher*

Ethical Dilemmas in the ICU *K. Haley*

ICU Pain Management and Opioid Stewardship *P. Szumita*

Intra-abdominal Catastrophes *R. Askari*

Nutrition in the ICU *M. Robinson*

Ventilator-Associated Pneumonia *M. Klompas*

ICU Care in Resource-Poor Countries *P. Sonenthal*