April 2 – April 5, 2025 Burlington, Massachusetts

DIVISION OF PULMONARY & CRITICAL CARE MEDICINE PRESENTS

Interventional Pulmonology

"Thirty-Nine Years of Excellence & Innovation in Training and Education"

Advanced Diagnostic and Therapeutic Bronchoscopy
Robotic Bronchoscopy
Medical Thoracoscopy
Percutaneous Tracheostomy
Cricothyrotomy

FEATURING:

State-of-the-Art Simulation Center In-Person & Hands-On JF Beamis Interventional Pulmonary Honor Lecture

Course Recognition by the American College of Surgery as a Center of Excellence in Simulation



Advanced Diagnostic and Therapeutic Bronchoscopy Robotic Bronchoscopy Medical Thoracoscopy Percutaneous Tracheostomy Cricothyrotomy



APRIL 2 - APRIL 5, 2025

Course Director:

Carla Lamb, M.D.

Associate Course Directors:

Sara Shadchehr, D.O. Ekaterina Yavarovich, D.O. Sandeep Raju, M.D. Joan Gabriel, R.N.

Course Information

Lahey Hospital & Medical Center, Office of Continuing Medical Education 781-744-8056 https://cmetracker.net/LAHEY

This activity has been designed to address the ACGME/ABMS "Medical Knowledge" and "Patient Care" competencies.

Accreditation

Lahey Clinic Hospital, Inc. is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation

Lahey Clinic Hospital, Inc. designates this live activity for a maximum of $27 \, AMA \, PRA$ Category 1 CreditsTM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Program Overview and Course Objectives

This post-graduate course is designed for experienced thoracic endoscopists and will cover indications, contraindications and clinical applications of various procedures in the field of interventional pulmonology including: rigid bronchoscopy, laser bronchoscopy, endobronchial stent insertion, transbronchial needle aspiration, percutaneous dilatational tracheostomy, cryotherapy, electrocautery, photodynamic therapy and medical thoracoscopy. Lung cancer detection with endobronchial ultrasound and navigation bronchoscopy with electromagnetic navigation and robotic navigation will also be addressed. Risk stratification and diagnostic methods for sampling nodules will also be discussed. Updates on bronchoscopic therapies for emphysema will be reviewed. Risk stratification and diagnostic methods for sampling nodules will also be discussed. Course format will include lectures, discussion sessions, video instruction and hands-on laboratory sessions. The goal of the course is to acquaint the attendee with the above procedures and the equipment required to perform the procedures.

By the conclusion of this activity attendees should be able to:

- Identify the indications and contraindications and proper technique of applications of the above procedures.
- Discuss the basic principles of laser application, argon plasma coagulation, electrocautery and cryotherapy and cryobiopsies.
- Describe the physiology of central airway obstruction and how it can be modified by various endoscopic therapies and airway stenting.
- Manage both benign and malignant airway diseases.
- Define the role of TBNA, EBUS, and other modalities of advanced bronchoscopy in the diagnosis and staging of lung cancer.
- Describe the pleural anatomy and the indications and contraindications of medical thoracoscopy and indwelling pleural catheters in benign and malignant pleural diseases.
- Explain the indications and technique of percutaneous dilatational tracheostomy and cricothyrotomy..
- Define management strategy for hemoptysis.
- Understand the updated lung cancer screening guidelines and risk stratification of the lung nodule.
- Understand the role of rigid bronchoscopy.
- Identify cytology and molecular markers for lung cancer.
- Identify the aspects of navigation bronchoscopy and minimally invasive robotic bronchoscopic navigation as well as comprehensivel management of lung nodules.

Lahey Hospital & Medical Center Faculty

Timothy D'Amico, D.O.

Interventional Pulmonary Fellow Lahey Hospital and Medical Center

Anthony Gray, Jr., M.D.

Division of Pulmonary and Critical Care Medicine Vice Chair of Intensive Care Assistant Professor of Medicine, Tufts University School of Medicine

Carla Lamb, M.D.

Director of Interventional Pulmonology and Bronchoscopy Director of Interventional Pulmonary Fellowship Division of Pulmonary and Critical Care Medicine Assistant Professor of Medicine, Tufts University School of Medicine President AABIP

Sandeep Raju, M.D.

Interventional Pulmonary Staff Physician Division of Pulmonary and Critical Care Medicine

Sara Shadchehr, D.O.

Interventional Pulmonology Staff Physician Division of Pulmonary and Critical Care Medicine Assistant Clinical Professor of Medicine, Tufts University School of Medicine

Sheida Sharifi, M.D.

Director of Pathology Clinical Assistant Professor of Medicine, Tufts University School of Medicine

Ekaterina Yavarovich, D.O.

Interventioal Pulmonary Staff Physician
Interventional Pulmonary Fellowship Program Associate Director
Director of Endobronchial Valve Program for Emphysema
Division of Pulmonary and Critical Care Medicine
Assistant Professor of Medicine,
Tufts University School of Medicine

Guest Faculty

Christine Argento, M.D.

Interventional Pulmonary Fellowship Director Associate Professor Johns Hopkins, Baltimore, Maryland

David Feller-Kopman, M.D.

Chair of Pulmonary & Critical Care Medicine Bronchoscopy & Interventional Pulmonology Professor of Medicine, Geisel School of Medicine Dartmouth Hitchcock Medical Center, Lebanon, New Hampshire

Anne Gonzalez, M.D.

Director of Interventional Pulmonology & Bronchoscopy McGill University, Montreal, Canada

Colleen Keyes, M.D.

Interventional Pulmonology Assistant Professor of Medicine, Harvard Medical School Massachusetts General Hospital, Boston, Massachusetts

Atul Mehta, M.D., M.B.B.S., B.S.

Physician, Respiratory Institute Professor of Medicine Cleveland Clinic, Cleveland, Ohio

Mihir Parikh, M.D.

Director of Interventional Pulmonary Fellowship Division of Thoracic Surgery & Interventional Pulmonology Assistant Professor of Medicine, Harvard Medical School Beth Israel Deaconess Medical Center, Boston, Massachusetts

Majid Shafiq, M.D. M.P.H.

Medical Director, Interventional Pulmonology Division of Pulmonary and Critical Care Medicine, Brigham and Women's Hospital Assistant Professor of Medicine, Harvard Medical School, Boston, Massachusetts

R. Wesley Shepherd, M.D.

Pulmonary and Critical Care Medicine Director of Interventional Pulmonology Professor of Medicine VCU Health Systems, Medical College of Virginia, Richmond, Virginia

Samira Shojaee, M.D., M.P.H.

Pulmonary and Critical Care Medicine Director of Pleural Disease Program Associate Professor of Medicine, Vanderbilt University, Nashville, Tennessee

Kazuhiro Yasufuku, M.D.

Head, Division of Thoracic Surgery, University Health Network
Chair in Thoracic Surgery
William Coco Chair in Surgical Innovation for Lung Cancer
Director of Endoscopy, University Health Network
Director, Interventional Thoracic Surgery Program, University
Health Network
Professor and Chair, Division of Thoracic Surgery,
University of Toronto
Toronto, Canada

WEDNESDAY, APRIL 2, 2025

8:30 a.m. Registration and

Continental Breakfast

9:15 a.m. Welcome and Introduction to

Interventional Pulmonology / Quiz

Carla Lamb, M.D.,

Course Director/Moderator

PLEURAL DISEASE

9:30 a.m. Medical Pleuroscopy: Best Practice,

Pleural Biopsy, Pleurodesis with

Case-Based Review Sara Shachehr, D.O.

10:00 a.m. Approach to Benign and Malignant

Pleural Effusion with Focus on Indwelling Tunnel Catheters

Samira Shojaee, M.D.

10:30 a.m. Update and Management of Empyema

Samira Shojaee, M.D.

11:00 a.m. BREAK/Exhibit Hall

RISK STRATIFICATION OF LUNG NODULES, LUNG CANCER & STAGING

11:15 a.m. Risk Stratifying the Incidental Lung

Nodule & Optimizing Your Program

with Artificial Intelligence

Carla Lamb, M.D.

11:45 a.m. **EBUS - Anatomy of the Mediastinum**

& 9th Edition Lung Cancer Staging

with Case Studies
Timothy D'Amico, D.O.

12:30 p.m. LUNCH/Exhibit Hall

BENIGN AIRWAY DISEASE

1:00 p.m. Percutaneous Tracheostomy &

Tracheostomy Management Ekaterina (Kate) Yavarovich, D.O.

1:30 p.m. Diagnosis and Management

of Tracheal Diseases

Mihir Parikh, M.D.

2:00 p.m. Strategic Management of Hemoptysis:

A Review

Carla Lamb, M.D.

2:30 - 5:45 p.m. Laboratory Sessions I and II

will include rotation through

the following:

• EBUS - Linear and Radial/TBNA

PathologyHemoptysis

Simulators

2:30 - 3:30 p.m. Lab Session I 3:45 - 4:45 p.m. Lab Session II 4:45 - 5:45 p.m. EBUS Testing

THURSDAY, APRIL 3, 2025

7:00 a.m. **Registration and**

Continental Breakfast

Moderator: Ekaterina Yavarovich, D.O.

DIAGNOSTIC & THERAPEUTIC BRONCHOSCOPY

7:30 a.m. Rigid Bronchoscopy/Silicone Stents/

Y Stents/Central Airway Obstruction

Management Strategies

David Feller Kopman, M.D.

8:00 a.m. **Metallic and Hybrid Stents**

R. Wesley Shepherd, M.D.

8:30 a.m. Foreign Body Removal: Flexible and Rigid

Bronchoscopic Approaches Atul Mehta, M.D., M.B.B.S.

9:00 a.m. BREAK/Exhibit Hall

9:15 a.m. The Peripheral Lung Nodule:

Navigational & Robotic Bronchoscopy

and Radial Ebus

Christine Argento, M.D.

10:00 a.m. "Cold" Diagnostics & Therapeutics

(Cryotherapy, Cryobiopsy)

Sandeep Raju, M.D.

10:30 a.m. "Hot" Therapies (APC, Electrocautery,

Laser & Photodynamic Therapy)

Anne Gonzalez, M.D..

11:00 a.m. BREAK/Exhibit Hall

11:15 a.m. Endobronchial Lung Volume Reduction

(BLVR) & Management of

Persistant Airleaks/Bronchopleural Fistulas

Colleen Keyes, M.D.

12:00 p.m. LUNCH/Exhibit Hall

1:30 - 5:30 p.m. Laboratory Sessions I - III

will include rotation through

the following:

Navigational Bronchoscopy

(Robotic and EMN)

Rigid Bronchoscopy/Foreign

Body Removal

Endobronchial Valves/Simulators

1:30 - 2:30 p.m. **Lab Session I**

2:45 - 3:45 p.m. Lab Session II

4:00 - 5:00 p.m. Lab Session III

5:00 - 5:30 p.m. **EBUS Testing**

FRIDAY, APRIL 4, 2025

7:00 a.m. Registration and

Continental Breakfast

Moderator: Carla Lamb, M.D.

7:30 a.m. Medical Grand Rounds

JF Beamis Interventional Pulmonary

Honor Lecture

Interventional Pulmonology: New Innovations & Year In Review

Kazuhiro Yasufuku, M.D.

8:45 a.m. Innovations and Minimally Invasive

Thoracic Surgery

Kazuhiro Yasufuku, M.D.

9:15 a.m. The Business of

Interventional Pulmonology

Carla Lamb, M.D.

10:00 a.m. GROUP PHOTO AND BREAK

10:30 a.m. - Laboratory Sessions I - IV 4:00 p.m. will include rotation through

the following:

Cryotherapy/Argon Plasma Coagulator

Electrocautery

Percutaneous Tracheostomy/

Cricothyrotomy

10:30 - 11:30 a.m. Lab Session I

11:30 a.m. - Lab Session II

12:30 p.m.

12:30 - 1:30 p.m **LUNCH/Exhibit Hall**

1:45 - 2:45 p.m. Lab Session III 3:00 - 4:00 p.m. Lab Session IV

SATURDAY, APRIL 5, 2024

7:30 a.m. Registration and

Continental Breakfast

8:00 a.m. -1:00 p.m.

Laboratory Sessions I and II will include rotation through

the following:

 Thoracoscopy Trainer/Thoracoscopy with Flexirigid Scope/Indwelling

Pleural Catheter

• Stents

Meet the Professor:
 Case Based Reviews

8:00 a.m. -

10:30 a.m

Lab Session I

10:30 a.m. -1:00 p.m. Lab Session II

LOCATION/ACCOMMODATIONS

All lectures and laboratory sessions will take place at the Lahey Hospital & Medical Center, 41 Mall Road, Burlington, Massachusetts. Reduced rate hotel rooms, within walking distance of the Hospital, are available at the Residence Inn. 400 District Ave, Burlington, MA. There will also be limited Lahey shuttle service before and after each day's programing. Reservations may be made by calling the Residence Inn at 781-272-3331. Please indicate that you are attending the Lahey Hospital Interventional Pulmonology Conference. Our block and the reduced rate will be held until March 2, 2025 after which reservations will be accepted on a

Directions to Lahey Hospital & Medical Center, 41 Mall Road, Burlington, MA

space available basis.

From Logan Airport: Follow signs for I-93 North. Take I-93 North to Exit 28B-Route 128/I-95 South. Follow directions below:

From the South: Take Route 128/195 North to Exit 51B. Turn right on Cambridge Street and take the first left on to Mall Road. Lahey Hospital's main entrance is one half mile on the left.

From the North: Take Route 128/195 South to Exit 51B. Exit on to Mall Road. Lahey Hospital is one half mile on the left.

Registration

Interventional Pulmonology April 2 – April 5, 2025

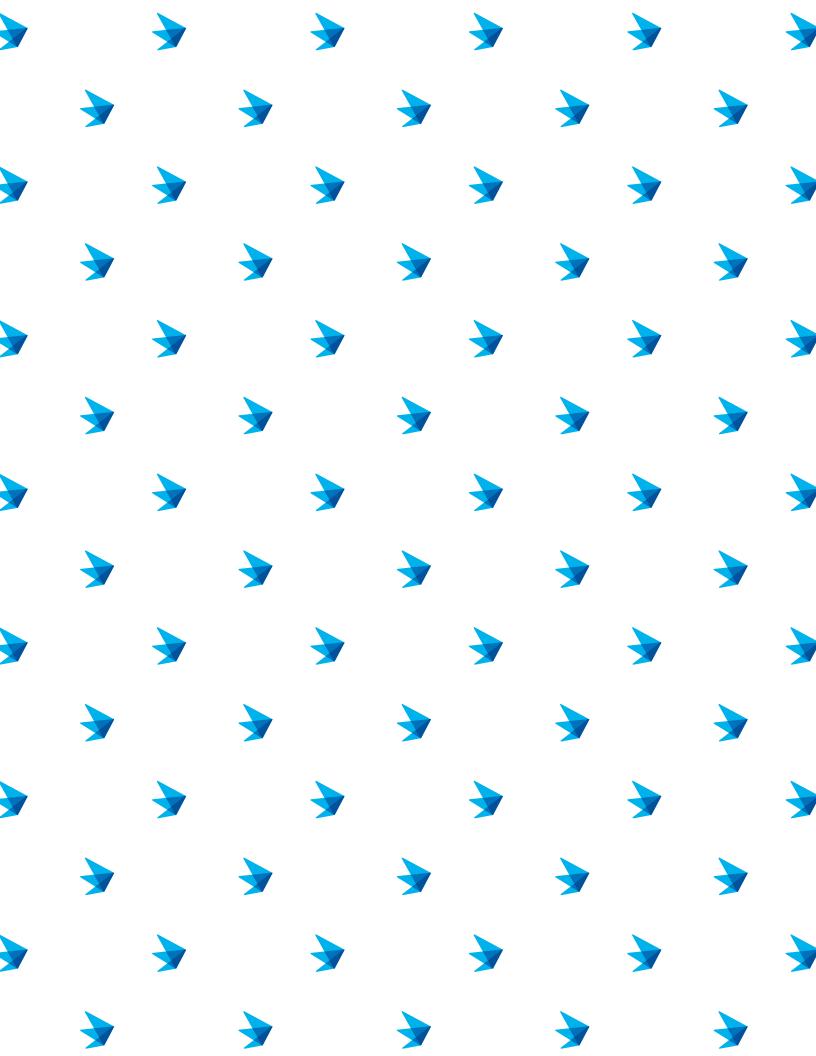
To register: https://cmetracker.net/LAHEY

Space is limited; register early to secure your attendance.

A confirmation will be sent after receipt of payment and registration.

Account # Signatu	
Account #	Expiration Date
Name as it appears on credit card	
Check: ☐ MasterCard ☐ VISA	·
Fill out below for co	
Cancellations must be received by March 4, 2025. unless a replacement is found. There will be a \$375	
Email Address (required)	
Telephone	Fax
City	
Home Address	
Please type or p	print all information.
Didactic and Labs (limited to 36 participants) Includes: all didactic and laboratory sessions, course syllabus, 4 continental breakfasts, 3 luncheons, all break refreshments and 1 reception/dinner. Registrations for the full course will be accepted on a first-come, first-served basis with payment by credit card. \$1500 — 2 Day Didactic and Lab Sessions (April 2 - April 3, 2025) Includes: 2 day didactic and laboratory sessions, course syllabus, 2 continental breakfasts, 2 luncheons, break refreshments. Opportunity to earn Certificate of Accomplishment in EBUS TBNA.	□ \$685 — 2 Day Didactic Only Sessions, No Lab (April 3 - April 4, 2025) Includes: 2 day didactic sessions, course syllabus, 2 continental breakfasts, 2 lunches, break refreshments, and 1 reception/dinner. □ \$450 — Virtual Attendance to Didactic Sessions (April 2 - April 4, 2024) Includes: 3 day didactic sessions, course syllabus.
☐ \$2700 — Full Session	

Indicate your needs here: _



Beth Israel Lahey Health Lahey Hospital & Medical Center

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