

LAHEY CLINIC FACULTY

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LABORATORY FACULTY

Roberta Delrosso, R.N.

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Jennifer Keating, R.N.
Cynthia Maher
Michelle Ministeri, C.A.

Mark Ready, C.A.

Donna Reilly, R.N.
Peggy Russo, C.A.
Carla Walecka SCT(ASCP) IAC

LOCATION/ACCOMMODATIONS

All lectures and laboratory sessions will be held at the Lahey Clinic, 41 Mall Road, Burlington, Massachusetts. A block of hotel rooms has been held at the Burlington Marriott Hotel which is within walking distance to the Lahey Clinic. The hotel also provides a shuttle to and from Lahey Clinic. Rooms will be held in the block until February 27th after which time reservations will be accepted on a space available basis. Reservations may be made by calling Marriott Hotel Central Reservations at 800-228-9290. For other questions, please call the Burlington Marriott directly at (781) 229-6565. Please indicate that you are attending a Lahey Clinic Conference. You may also contact our travel agency, Great International Travel at 800 643-4300 for information on other local accommodations.

DIRECTIONS TO LAHEY CLINIC

From Logan Airport: Follow signs for I-93 North. Take I-93 North to Exit 37B-Route 128/I-95 South. Follow directions below:

From the South:

Take Route 128/I95 North to Exit 33B. Turn right on Cambridge Street and take the first left on to Mall Road. Once on Mall Road, Lahey Clinic's main entrance is one half mile on the left at the third set of lights.

From the North:

Take Route 128/I95 South to Exit 33B. Exit on to Mall Road. Once on Mall Road, Lahey Clinic is one half mile on the left at the third set of lights.

Parking is available in the garage

COURSE INFORMATION

Lahey Clinic, Office of Continuing Medical Education
(781) 744-8969 or email us at www.cme@lahey.org.
Website: www.Lahey.org/UltrasoundConference2012

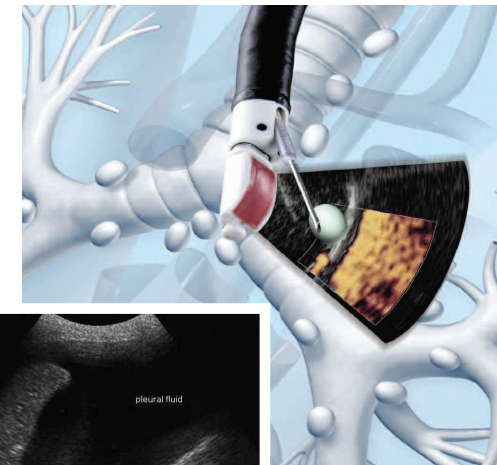
Lahey Clinic
Educational Seminars
Continuing Medical Education
41 Mall Road
Burlington, MA 01805



Department of
Pulmonary & Critical Care Medicine

Presents

State of the Art Thoracic Ultrasound
and Endobronchial Ultrasound TBNA:
Enhancing Your Diagnostic Yield
& Patient Management
Featuring EBUS Simulation Training – 2012



Tuesday, March 27, 2012

Lahey Clinic
41 Mall Road
Burlington, Massachusetts

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**State of the Art Thoracic Ultrasound & Endobronchial
Ultrasound TBNA:
Enhancing Your Diagnostic Yield & Patient Management**
Learn from the Experts

Featuring EBUS Simulation Training – 2012

Course Director: Carla R. Lamb, M.D., FCCP
Associate Course Directors:
**Ghazwan Acash M.D., Sara Shadchehr, D.O.,
and Sheila Cunniff, R.N., B.S.**

PROGRAM OVERVIEW

This post-graduate course is designed for thoracic endoscopists and will cover indications, contra-indications, and clinical applications of both conventional and EBUS guided TBNA in diagnosing mediastinal pathology and staging lung cancer. This course will provide a review of mediastinal lymph node anatomy. The program will also review step-wise technique and preprocedural planning for EBUS TBNA. The role of rapid onsite evaluation of TBNA samples will also be reviewed. This course will provide instructive technique on thoracic ultrasound and clinical management of the malignant pleural effusion. The goal of the course is to acquaint the participant with the above procedures and the equipment required to perform the procedures.

COURSE OBJECTIVES

(The following address the ACGME/ABMS Patient Care and Medical Knowledge Competencies)

At the completion of this program, participants will be able to:

- Recognize the indications and contraindications and proper technique of applications of trans-bronchial needle aspiration (TBNA).
- Differentiate the basic principles of endobronchial ultrasound (EBUS) with and without transbronchial needle aspiration utilizing didactics and hands on airway models and state of the art virtual simulation.
- Identify the basic mediastinal lymph node anatomy.
- Review the role of TBNA and EBUS in the diagnosis and staging of lung cancer.
- Discuss the role of rapid on-site cytology assessment of transbronchial needle aspiration samples.

- Perform flexible EBUS bronchoscopy TBNA with emphasis on EBUS utilizing airway and virtual simulation models.
- Assess the newest aspects of lung cancer staging
- Summarize basic and advanced thoracic ultrasound techniques
- Explain the management of malignant pleural effusions

TARGET AUDIENCE

Pulmonologists, Pulmonary Fellows and Cardiothoracic Surgeons.

FORMAT

Course format will include lectures, discussion sessions, video instruction and hands-on laboratory sessions.

ACCREDITATION

The Lahey Clinic is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

CREDIT DESIGNATION

The Lahey Clinic designates this live activity for a maximum of 8.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ACKNOWLEDGEMENT

This activity is supported in part by educational grants from various commercial organizations. At the time of printing, a complete list of supporters was not available. Appropriate acknowledgement will be provided in conference materials distributed at registration for all commercial support of this activity.

PROGRAM
Lahey Clinic Alumni Auditorium

Tuesday, March 27, 2012

- 7:30 a.m. **Registration & Continental Breakfast**
- 8:00 **Welcome Remarks and Pre-Test/Surveys**
Carla R. Lamb, M.D., FCCP
- 8:30 **Lung Cancer Staging Overview & Mediastinal Anatomy**
Andrew G. Villanueva, M.D.
- 9:00 **EBUS Overview: Technique & Standardization in Your Practice with Case Examples**
Kazuhiro Yasufuku, M.D.
- 9:45 **Break**
- 10:00 **Radial Probe EBUS**
Ghazwan Acash, M.D.
- 10:30 **Rapid On-Site Evaluation (ROSE): The Pathologist's Perspective**
John M. Dugan, M.D.
- 11:00 **Thoracic Ultrasound & Management of the Malignant Pleural Effusion**
Carla R. Lamb, M.D.
- 12:15-12:45 **Lunch**
- 1:00-2:00 **Live EBUS Case**
(Moderators: Kazuhiro Yasufuku, M.D. and Carla Lamb, M.D.)
- 2:15-5:15 **Hands-On Lab Sessions**
Rotate through:
— EBUS Airway Models
— Virtual EBUS Simulation Models
— Cytopathology Preparation of TBNA Specimens
— Thoracic Ultrasound & Pleural Catheters
— Question and Answer with Faculty
- 5:15 **Post-Test and Course Wrap Up**
- 5:30 **Adjourn & Pick Up CME Certificate**

REGISTRATION

Lahey Clinic
**State of the Art Thoracic Ultrasound and Endobronchial Ultrasound TBNA:
Enhancing Your Diagnostic Yield
& Patient Management**
Featuring EBUS Simulation Training – 2012
Tuesday, March 27, 2012

Registration Fee: Physicians \$850
 Fellows \$550
(Attach letter from Program Director)

Please print legibly or type to insure accurate registration.

Name: _____

Office Address: _____

City: _____

State: _____ **Zip:** _____

Phone: _____ **Fax:** _____

Email: _____

If you have special assistance needs or dietary restrictions, describe here:

Please list one question you would like answered at this activity:

PAYMENT BY CHECK: Must be in U.S. funds made payable to Lahey Clinic, Inc.

FILL OUT BELOW FOR CHARGES ONLY:

Check box: Mastercard VISA
 American Express Discover

Name as it appears on credit card:

Acct #: _____

Exp. Date: _____ **Amount to be charged:** _____

Signature: _____

MAIL THIS FORM AND CHECK OR CREDIT CARD INFORMATION TO:
*Lahey Clinic, Continuing Medical Education Office,
41 Mall Road, Burlington, MA 01805*

*Confirmation will be sent when registration has been processed.
There will be a \$50 cancellation fee for all registration cancellations.*