

THE UNIVERSITY OF TEXAS

MD Anderson
~~Cancer~~ Center

Making Cancer History®



Interventional Pulmonology in Cancer Patients

*An Intensive
Hands-on
Course*

February 10–12, 2011

The University of Texas MD Anderson Cancer Center
Anderson Conference Hall, Rooms 1-8, 11th Floor, R. Lee Clark Clinic
1515 Holcombe Boulevard, Houston, Texas

Course Description

The University of Texas MD Anderson Cancer Center is pleased to provide an intensive hands-on, three-day course designed to review the current concepts and recent advances in interventional pulmonology as it pertains to the cancer patient, and to introduce new technologic advances that are poised to revolutionize the diagnosis, staging, and management of lung cancer.

Malignancies involving the lungs continue to provide a significant challenge to chest physicians. With the exponential increase in technology, several minimally-invasive diagnostic and therapeutic strategies are becoming feasible. As the largest cancer center in the world, MD Anderson is able to offer a depth and breadth of clinical experience and training that few can match. With a distinguished faculty made up of the world's top experts, this course is designed to provide the participant with a state-of-the-art review of the principles and practices of interventional pulmonology in patients with thoracic malignancies.

In addition to attending interactive didactic sessions, participants will also receive extensive practical instruction in selected techniques utilizing *in vivo* animal models. Instruction group size is limited in order to maximize interaction and individual "hot zone" time. Additional instruction can be individualized for those wishing to emphasize particular techniques. Endobronchial ultrasound techniques will be particularly stressed and participants should be able to acquire the cognitive and technical skills to safely perform endobronchial ultrasound-guided transbronchial needle biopsies upon course completion.

Educational Objectives

At the conclusion of this educational activity, participants should be able to

- utilize appropriate lung cancer screening techniques according to national guidelines and standards;
- incorporate minimally invasive techniques in the mediastinal staging of lung cancer;
- assimilate the therapeutic options for management of airway tumors;
- interpret the available evidence for adjunctive therapies such as radiofrequency ablation in the palliative and curative management of lung cancer;
- utilize the principles of evidence-based medicine in evaluating new technologies such as optical coherence tomography and Confocal microscopy;
- demonstrate the ability to perform endobronchial ultrasound-guided transbronchial needle aspiration on a porcine model;
- perform endobronchial stenting on a porcine model;
- incorporate evidence-based best practices for the management of recurrent malignant pleural effusions.

Target Audience

This conference should be of interest to board-eligible/certified pulmonologists, thoracic surgeons, and trainees in pulmonary, critical care medicine, and thoracic surgery who have an interest in interventional pulmonology.

Educational Methods

- Lecture/Didactic
- Skills Demonstration
- *In Vivo* Wet Lab Stations
- Panel Discussions
- Question-and-Answer Sessions

Evaluation

A course evaluation form will provide participants with the opportunity to comment on the value of the program content to their practice decisions, performance improvement activities, or possible impact on patient health status. Participants will also have the opportunity to comment on any perceived commercial bias in the presentations as well as to identify future educational topics.

Accreditation/Credit Designation

The University of Texas MD Anderson Cancer Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Texas MD Anderson Cancer Center designates this live activity for a maximum of 20.25 *AMA PRA Category 1 Credits*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

CME Certificates and Attendance Verification Certificates

Certificates awarding *AMA PRA Category 1 Credit*[™] or certificates documenting attendance will be distributed to participants as they depart the conference. To obtain a CME certificate, physicians must submit a completed evaluation questionnaire and a *CME Verification Form*.

Upon request, a record of attendance (certificate) will be provided on-site to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.





MD Anderson Organizing Committee

George A. Eapen, MD, Course Director

Associate Professor
Department of Pulmonary Medicine

David C. Rice, MD, Course Co-Director

Associate Professor
Department of Thoracic & Cardiovascular Surgery

Pablo Diaz-Jimenez, MD

Adjunct Professor
Department of Pulmonary Medicine – Research

Saadia Faiz, MD

Assistant Professor
Department of Pulmonary Medicine

Ola Golovinsky, BS, MS

Program Coordinator
Department of Pulmonary Medicine

Carlos Jimenez, MD

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Leendert Keus, BS, RPFT

Lab Manager
Cardiopulmonary Center

Rodolfo C. Morice, MD

Professor
Department of Pulmonary Medicine

David Ost, MD

Associate Professor
Department of Pulmonary Medicine

Mona G. Sarkiss, MD, PhD

Associate Professor
Department of Anesthesiology and
Perioperative Medicine

Lee A. Taylor, Jr., CPFT

Pulmonary Technologist
Pulmonary Laboratory
Cardiopulmonary Center

Roland Villarreal, CPFT

Coordinator, Pulmonary Laboratory
Cardiopulmonary Center

Judi Williams, BS

Senior Conference Coordinator
CME/Conference Management



Course Curriculum

Thursday, February 10, 2011

THURSDAY MORNING SESSION - Moderator: George A. Eapen, MD

7:15 am	Registration and Breakfast
8:00	Opening Remarks Rodolfo C. Morice, MD
8:10	Why Do You Need Training for Interventional Pulmonology? David Ost, MD
8:30	Bronchoscopic Screening for Lung Cancer Kazuhiro Yasufuku, MD
9:00	Staging Lung Cancer David C. Rice, MD
9:30	Break
9:40	Endobronchial Ultrasound – Radial Probe Marcus Kennedy, MD, MRCPI, FCCP
10:10	Live Case Demonstration
10:40	EBUS-TBNA (Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration) Roberto F. Casal, MD
11:10	Sedation for Interventional Pulmonary Procedures Mona G. Sarkiss, MD, PhD
11:40	Role of the Cytologist in EBUS John Stewart, MD, PhD
12:10 pm	Panel Discussion/ Questions and Answers
12:30	Lunch (provided)

THURSDAY AFTERNOON SESSION

- 1:30 ***In Vivo* Wet Lab Stations**
- Rigid Bronchoscopy/Silicone Stents
 - Endobronchial Thermal Therapies: Laser/APC (Argon Plasma Coagulation) /Cryotherapy
 - SEMS (Self-Expandable Metallic Stents)
 - EBUS-TBNA
 - Chest Tubes/TIPC (Tunneled Indwelling Pleural Catheters)
 - Percutaneous Tracheostomy
 - Electromagnetic Navigation Bronchoscopy
- 5:30 pm Adjourn
Welcome Reception / Hickey Auditorium Foyer

Friday, February 11, 2011

FRIDAY MORNING SESSION - Moderator: David C. Rice, MD

- 7:30 am Breakfast
- 8:00 **Surgical Management of Airway Tumors**
Garrett L. Walsh, MD
- 8:40 **Immediate Effect Endobronchial Therapies**
Heinrich Becker, MD
- 9:20 **Delayed Effect Endobronchial Therapies**
Eric S. Edell, MD
- 10:00 Break
- 10:10 **Live Case Demonstration**
- 10:40 **Endobronchial Stenting**
Carla Lamb, MD
- 11:20 **Managing Malignant Pleural Effusions**
Archan Shah, MD
- 12:00 noon **Panel Discussion/Questions and Answers**
- 12:30 pm Lunch (provided)

FRIDAY AFTERNOON SESSION

- 1:30 ***In Vivo* Wet Lab Stations**
- Rigid Bronchoscopy/Silicone Stents
 - Endobronchial Thermal Therapies: Laser/APC/Cryotherapy
 - SEMS
 - EBUS-TBNA
 - Chest Tubes/TIPC
 - Percutaneous Tracheostomy
 - Electromagnetic Navigation Bronchoscopy
- 5:30 pm Adjourn

Saturday, February 12, 2011

SATURDAY MORNING SESSION - Moderator: Rodolfo C. Morice, MD

- 7:30 am Breakfast
- 8:00 **RFA (Radiofrequency Ablation): Role in Lung Cancer**
Alda Lui Tam, MD
- 8:50 **Electromagnetic Navigation: Applications and Limitations**
Thomas Gildea, MD
- 9:40 Break
- 9:50 **OCT (Optical Coherence Tomography) and Confocal Microscopy**
Henri Colt, MD
- 10:40 **Bronchoscopic Options for COPD**
Luis Angel, MD
- 11:20 **Panel Discussion/Questions and Answers**
- 11:30 am **Closing Remarks and Adjourn**
George A. Eapen, MD

MD Anderson Faculty

George A. Eapen, MD, Course Director
Associate Professor
Department of Pulmonary Medicine

David C. Rice, MD, Course Co-Director
Associate Professor
Department of Thoracic & Cardiovascular Surgery

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Associate Professor
Department of Pulmonary Medicine

Mona G. Sarkiss, MD, PhD
Associate Professor
Department of Anesthesiology and Perioperative Medicine

Archan Shah, MD
Interventional Pulmonology Fellow
Department of Pulmonary Medicine

John Stewart, MD, PhD
Assistant Professor
Department of Pathology

Alda Lui Tam, MD
Assistant Professor
Department of Diagnostic Radiology

Garrett L. Walsh, MD
Professor
Department of Thoracic & Cardiovascular Surgery

Guest Faculty

Francisco Aecio Almeida, MD
Associate Staff Member
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Cleveland Clinic
Cleveland, Ohio

Luis Angel, MD
Associate Professor
Department of Surgery
U. T. Health Science Center at San Antonio
San Antonio, Texas

Heinrich Becker, MD
Professor and Director
Department of Interdisciplinary Endoscopy – Thoracic Clinic
University of Heidelberg
Heidelberg, Germany

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Irvine, California

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L'Hospitalet de Llobregat
Barcelona, Spain

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Internal Medicine & Pulmonology
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Ireland

Carla Lamb, MD
Assistant Professor
Pulmonary & Critical Care Medicine
Lahey Clinic
Burlington, Massachusetts

Kazuhiro Yasufuku, MD
Assistant Professor of Surgery
Division of Thoracic Surgery
University of Toronto, Toronto General Hospital
University Health Network
Toronto, Canada

Registration Information

On-site registration opens at 7:30 am on Thursday, February 10, 2011 in the foyer outside Anderson Conference Hall on the 11th floor of the R. Lee Clark Clinic Building. The opening session of the conference will begin at 8:00 am on Thursday, February 10, 2011, and the conference will adjourn at 11:30 am on Saturday, February 12, 2011. Advance registration is encouraged as space and materials are limited. Please see the registration form for applicable fees.

The conference registration fee includes tuition, syllabus, breakfasts, breaks, lunches, and the welcome reception.

The deadline for advance registration is January 19, 2011.

There are three ways to register:

- Mail to: CME/Conference Management - Unit 1381
The University of Texas MD Anderson Cancer Center
P.O. Box 301439, Houston, TX 77230-1439
- Fax to 713-794-1724
- On-line at www.mdanderson.org/conferences

We accept the following forms of payment:

- Check (payable through U.S. banks only)
- Money Order
- Credit Cards (MasterCard, VISA, and American Express)
- Cash (accepted at on-site registration only)

If you register online, a receipt/confirmation letter will be automatically e-mailed to the e-mail address you provide on the registration form. If you register by fax or mail, a receipt/confirmation letter will be sent to you within ten working days of receipt of your fee.

Refund/Cancellation Policy

The registration fee, minus a \$50 administrative handling fee, is refundable if a written request is received on or before January 19, 2011. No refunds will be granted after that date. The request for a registration refund must include the tax identification number of the company or institution if registration was paid by a company or institution check. Although no refunds will be granted after January 19, 2011, you may transfer your registration to a colleague. For additional information, contact CME/Conference Management at 713-792-2223 or toll free at 866-849-5866.

The Department of CME/Conference Management reserves the right to cancel activities prior to the scheduled date if low enrollment or other circumstances make it necessary. Each registrant will be notified by mail, e-mail, or at the phone or fax numbers given on the registration form.

In case of activity cancellation, the liability of the Department of CME/Conference Management is limited to the registration fee. CME/Conference Management will refund the full registration fee. The Department of CME/Conference Management reserves the right to limit the number of participants in a program and is not responsible for any expenses incurred by an individual whose registration is not confirmed and for whom space is not available.

**Registration
is limited
to the first
32 registrants**

Special Assistance

Contact the Department of CME/Conference Management at 713-792-2223 or toll free at 866-849-5866 if you have any special dietary or ADA accommodation needs.

Accommodations

- A block of rooms has been reserved for course attendees at the **Hilton Houston Plaza/Medical Center Hotel**, 6633 Travis Street, Houston, Texas 77030.
- Early hotel reservation is suggested.
- The hotel phone number is 713-313-4000 and the fax number is 713-313-4650.
- When you make reservations, be sure to mention the **Interventional Pulmonology in Cancer Patients Conference** to be assured of receiving the special conference rate of \$139.00 for a King Suite. Please add 17% Texas State and local taxes.
- Reservations and deposits received after January 19, 2011 will be confirmed if space is available and at currently published hotel guest room rates.

Air Travel

MD Anderson has a program with Continental Airlines for discounted air travel. For discounts, call your travel professional or Continental’s MeetingWorks toll free at 800-468-7022. Outside of the United States, please call your local Continental Airlines Reservation Office. Mention Z Code: **ZJMD** and Agreement Code: **325945**.

Ground Transportation (prices are subject to change)

- Houston is served by two airports, George Bush Intercontinental (IAH) and William P. Hobby (HOU).
- Taxicabs are available at an estimated cost of \$40-60 to or from William P. Hobby Airport or George Bush Intercontinental Airport.
- Super Shuttle operates a shuttle bus between George Bush Intercontinental Airport and the Hilton Houston Plaza/Medical Center Hotel for \$23 one-way, \$42 round-trip. For more information, call 713-523-8888 or toll free at 800-258-3826 or on-line at www.supershuttle.com.
- Super Shuttle operates a shuttle bus between William P. Hobby Airport and the Hilton Houston Plaza/Medical Center Hotel for \$18 one-way and \$32 round-trip. For more information, call 713-523-8888 or toll free at 800-258-3826 or on-line at www.supershuttle.com.

The University of Texas MD Anderson Cancer Center has implemented a process whereby everyone who is in a position to control the content of an educational activity must disclose all relevant financial relationships with any commercial interest that could potentially affect the information presented.

MD Anderson also requires that all faculty disclose any unlabeled use or investigational use (not yet approved for any purpose) of pharmaceutical and medical device products. Specific disclosure will be made to participants prior to the educational activity.

Agendas are subject to change because we are always striving to improve the quality of your educational experience. MD Anderson may substitute faculty with comparable expertise on rare occasions necessitated by illness, scheduling conflicts, and so forth.

Photographing, audio taping and videotaping are prohibited.

CONFERENCE REGISTRATION - 0506

Interventional Pulmonology in Cancer Patients
February 10–12, 2011

Last Name	First	MI	Highest Degree
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Institution			
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Please let us know what specific topics, issues or questions you wish to see addressed or emphasized in this activity. Fax or e-mail CME/Conference Management. All responses will be forwarded to the Program Chairs for consideration.

THIS IS NOT A SELF-MAILER

ADDRESS TO:

Interventional Pulmonology in Cancer Patients
Department of CME/Conference Management–Unit 1381
The University of Texas MD Anderson Cancer Center
PO Box 301439, Houston, TX 77230-1439

or fax to 713-794-1724

Make check or money order payable to:

The University of Texas MD Anderson Cancer Center

REGISTRATION FEES

Physicians

- ☐ Postmarked before 1/19/2011\$1,950.00
- ☐ Postmarked after 1/19/2011\$2,350.00

Physicians-in- Training*

- ☐ Postmarked before 1/19/2011\$1,000.00
- ☐ Postmarked after 1/19/2011\$1,200.00

* Requires a Letter of Verification from Department Chairman.

Department of CME/Conference Management - Unit 1381
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