



# HARVARD MEDICAL SCHOOL

## DEPARTMENT OF CONTINUING EDUCATION

### SCIENCE OF THORACIC SURGERY 20TH ANNIVERSARY COURSE October 3-4, 2008

at the

TAJ HOTEL, BOSTON, MASSACHUSETTS

Sponsored by

The Division of Thoracic Surgery  
Brigham and Women's Hospital

Under the Direction of

David J. Sugarbaker, M.D.

Richard E. Wilson Professor of Surgical Oncology, Harvard Medical School  
Chief, Thoracic Surgery, Brigham & Women's Hospital

Co-Directors

Raphael Bueno, M.D.  
Harvard Medical School

Steven Mentzer, M.D.  
Harvard Medical School

Yolonda Colson, M.D., Ph.D.  
Harvard Medical School

Scott Swanson, M.D.  
Harvard Medical School

Joseph Freidberg, M.D.  
University of Pennsylvania Medical School

Michael Jaklitsch, M.D.  
Harvard Medical School

#### Course Description

This course is designed to look at the scientific basis of current treatment guidelines and to predict new guidelines over the next five years. It specifically explains data from previous multidisciplinary trials, translational research currently coming to clinical practice, new tools to measure outcomes and select patients for surgery, and new insights into the pathophysiology of thoracic disease. Teaching will be done through interactive techniques, lectures and panels with the assistance of appropriate visual aides. A detailed syllabus will be provided. Included in the registration is a continental breakfast each morning, lunch with the faculty each day. A limited block of rooms has been reserved at the Taj Hotel, Boston. You are urged to make your reservations early.

#### Objectives

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

- Discuss the strengths and weaknesses of new technology available for thoracic surgery
- Review data from multimodality treatment
- Discuss new measures of outcome and possible operative selection tools
- Discuss the most likely "next in line" therapies for thoracic surgical diseases

#### Accreditation

Physicians: Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing education for physicians. Harvard Medical School designates this continuing medical education activity for 13.5 credit hours in Category 1 of the Physician's Recognition Award of the American Medical Association (AMA).

Physician Assistants: Application for continuing education credits has been made to the American Association of Physician Assistants.

#### REGISTRATION INFORMATION:

**Physicians — \$525 (USD). Reduced Fee for Residents/Fellows in Training** (with a letter of verification from the Department Chair) and **Allied Health Professionals — \$300 (USD)**. All foreign payments must be made by a draft on a United States Bank or by Visa or MasterCard. If paying by check, please make it payable to *Harvard Medical School* and mail with the completed registration form to: **Harvard Medical School, Department of Continuing Medical Education, P.O. Box 825, Boston, MA 02117-0825**. If paying by credit card, please register online at [www.cme.hms.harvard.edu/courses/thoracicsurgery](http://www.cme.hms.harvard.edu/courses/thoracicsurgery). **Telephone or mail-in registration with credit card payment is not accepted.** Inquiries should be directed to the above address, made by phone: (617) 384-8600, Monday-Friday, 10 a.m. to 4 p.m. (EST), or by e-mail: [hms-cme@hms.harvard.edu](mailto:hms-cme@hms.harvard.edu). Upon receipt of registration a confirmation will be mailed to the address listed on the form. Please note: Program changes/substitutions may be made without notice.

#### REFUND POLICY:

A handling fee of \$60 is deducted for cancellation. Refund requests must be received by mail or fax one week prior to the course. No refunds will be made thereafter.

#### ONLINE INFORMATION:

**To register or view course information online, visit our home page: <http://cme.med.harvard.edu/courses/thoracicsurgery>.** To ensure proper registration, please add the first three characters of the source code found at the bottom of the registration form.

#### COURSE LOCATION:

All sessions will be held at the **Taj Hotel**, 15 Arlington St., Boston, MA 02116 (Telephone: 617-236-0919).

#### ACCOMMODATIONS:

**Hotel rooms in Boston are limited. You are urged to make your reservations early.** A limited block of rooms have been reserved at the **Taj Hotel** until **September 2, 2008**. Please specify that you are enrolled in this course to receive a reduced room rate of \$395. A map of Boston listing local hotels will be sent to you with your confirmation of enrollment. For additional information, call Boston Reservations at (617) 332-4199. To make reservations in our room block: <http://www.taj.com>.

#### TRAVEL:

For information about reduced airfare, call Harvard Medical School, Department of Continuing Medical Education at (617) 384-8600, Mon.-Fri., 10 a.m. to 4 p.m. (EST).

### SCIENCE OF THORACIC SURGERY COURSE #2814234

October 3-4, 2008

Physicians: \$525 (USD)

Residents\* Fellows in Training\* and Allied Health Professionals: \$300 (USD)

Please Print Clearly

Full Name \_\_\_\_\_ Degree \_\_\_\_\_

First

Middle

Last

Mailing Address \_\_\_\_\_

Street

City

State

Zip Code

Daytime Phone ( \_\_\_\_\_ ) \_\_\_\_\_ Fax Number ( \_\_\_\_\_ ) \_\_\_\_\_

E-Mail Address \_\_\_\_\_

Please check if you wish to be **excluded** from receiving e-mail notices of future Harvard Medical School – Continuing Medical Education programs

Professional School Attended \_\_\_\_\_ Year of Graduation \_\_\_\_\_

Profession \_\_\_\_\_

Principal Specialty \_\_\_\_\_ Board Certified: Yes  No

Organization Affiliation \_\_\_\_\_

\*A letter of verification from the Department Chair must accompany the registration form for a reduced fee.

#### Form of Payment

- Check is enclosed:** Please make your check payable to *Harvard Medical School* and mail it with this registration form to:  
**Harvard Medical School, Department of Continuing Medical Education, P.O. Box 825, Boston, MA 02117-0825**  
Registrations paid by credit card must be made online at [www.cme.harvard.edu/courses/thoracicsurgery](http://www.cme.harvard.edu/courses/thoracicsurgery)

**SCIENCE OF THORACIC SURGERY**  
**THE TAJ HOTEL, BOSTON, MASSACHUSETTS**  
**PRELIMINARY PROGRAM**

**FRIDAY, OCTOBER 3, 2008**

7:00 – 8:00 *Registration and Continental Breakfast*

**Introductory Remarks**

8:00 – 8:10 *Welcome . . . . . Dr. D. Sugarbaker*  
8:10 – 8:30 *History of Thoracic Surgery . . . Dr. D. Sugarbaker*

**Session I — Evolutionary Solutions to Difficult Thoracic Problems**

Moderator: Dr. S. Mentzer

8:30 – 8:45 *How the Elephant Lost its Pleural Space . . . . . Dr. S. Mentzer*  
8:45 – 9:00 *Giraffes and Other Ventilatory Challenges. . . . . Dr. J. Friedberg*  
9:00 – 9:15 *Airway Cartilage, Sleeve Resections and Man's Best Friend. . . . . Dr. H. Urschel*  
9:15 – 9:30 *Spiracles: Lessons for Treatment of Emphysema . . . . . Dr. M. DeCamp*  
9:30 – 9:45 *The Dome of the Diaphragm, Dinosaurs and the Hepatic Piston. . . . . Dr. S. Swanson*  
9:45 – 10:00 *Panel*

10:00 – 10:30 *Coffee Break*

**Session II — Science of Lung Cancer Staging**

Moderator: Dr. Jasleen Kukreja

10:30 – 10:45 *Scientific Basis Lung Cancer Staging System . . . . . Dr. Gangadharin*  
10:45 – 11:00 *Sentinel Lymph Node Biopsy for Lung Cancer . . . . . Dr. M. Liptay*  
11:00 – 11:15 *Channeling Therapies in Lymphatics. . . . . Dr. Y. Colson*  
11:15 – 11:30 *Surgical Restaging. . . . . Dr. M. Jaklitsch*  
11:30 – 12:00 *Panel*  
12:00 – 1:30 *Lunch*

**Session III — Esophageal**

Moderators: Dr. Daniel Cohen / Dr. G. Pearson

1:30 – 1:45 *MCI Treatments . . . . . Dr. M. Krasna*  
1:45 – 2:00 *Three Field Esophagectomy. . . . . Dr. T. Lerut*  
2:00 – 2:15 *Minimally Invasive Esophagectomy. . . . . Dr. J. Luketich*  
2:15 – 2:30 *Complications of Esophagectomy . . . . . Dr. G. Pearson*  
2:30 – 2:45 *Barretts Esophagus . . . . . Dr. P. Linden*  
2:45 – 3:00 *Panel*  
3:00 *Break*

**Session IV — Mesothelioma**

Moderator: Dr. Joseph Friedberg

3:45 – 4:00 *Staging Systems for Mesothelioma. . . . . Dr. D. Sugarbaker*  
4:00 – 4:15 *Microarray Diagnosis. . . . . Dr. G. Gordon*  
4:15 – 4:30 *Pleurectomy. . . . . Dr. R. Flores*  
4:30 – 4:45 *EPP + IHOL. . . . . Dr. D. Sugarbaker*  
4:45 – 5:00 *Panel Discussant . . . . . Dr. Okabe*

**SATURDAY, OCTOBER 4, 2008**

7:00 – 8:00 *Continental Breakfast*

**Session I — New Technology**

Moderator: Dr. S. Paul

8:00 – 8:15 *Robotics . . . . . Dr. K. Kernstine*  
8:15 – 8:30 *Optics and Instruments . . . . . Dr. J. Wee*  
8:30 – 8:45 *Hybrid OR . . . . . Dr. R. Bueno*  
8:45 – 9:00 *Diaphragm Pacing . . . . . Dr. C. Ducko*  
9:00 – 9:15 *Genomics in the Operating Room . Dr. D. Harpole*  
9:15 – 9:30 *Palliative Technologies . . . . . Dr. S. Paul*  
9:30 – 9:45 *Panel*  
9:45 *Coffee Break*

**Session II — Lung Transplantation**

Moderator: Dr. C. McNamee

10:15 – 10:30 *History of Lung Transplant . . . . . TBD*  
10:30 – 10:45 *Current Outcomes in Lung Transplant . . . . . Dr. McNamee*  
10:45 – 11:00 *Advances in Transplant Critical Care. . . . . Dr. J. Rawn*  
11:00 – 11:15 *Current Status Immunosuppression. . . . . Dr. DeRosimo*  
11:15 – 11:30 *New Concepts in Transplant Care . . . . . Dr. A. Patterson*  
11:30 – 11:45 *ECMO . . . . . Dr. P. Camp*  
11:45 – 12:00 *Panel*  
12:00 – 1:30 *Lunch*

**Session III — Surgical Education**

Moderators: Dr. S. Murphy / Dr. R. Bueno

1:30 – 1:45 *American Training Programs . . . . . Dr. P. Faber*  
1:45 – 2:00 *Training in Basic Science Research. . . . . Dr. J. Roth*  
2:00 – 2:15 *New Training Plans . . . . . Dr. McLaughlin*  
2:15 – 2:30 *Simulators. . . . . Dr. J. Lee*  
2:30 – 2:45 *Team Training . . . . . Dr. T. Todd*  
2:45 – 3:00 *Future Challenges . . . . . Dr. D. Jablons*  
3:00 – 3:15 *Panel*  
3:15 – 3:30 *Break*

**Session IV — Lung Cancer Care**

Moderator: Dr. Stacey Su

3:30 – 3:45 *Management of Small Lung Nodules . . Dr. S. Su*  
3:45 – 4:00 *Screening — Role Today . . . . . Dr. F. Jacobson*  
4:00 – 4:15 *Adjuvant Therapy of 2T Lesions . Dr. G. Strauss*  
4:15 – 4:30 *Current Management of IIIA. . . . . Dr. J. Roberts*  
4:30 – 5:00 *Panel*  
5:00 *Closing Remarks . . . . . Dr. D. Sugarbaker*

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