

**Current Controversies
in the Multi-Disciplinary
Management of Locally Advanced
Non-Small Cell Lung Cancer**

December 12 - 13, 2013
Thursday and Friday

Eric P. Newman Education Center
Washington University Medical Center
St. Louis, Missouri

Co-Chairs

Traves D. Crabtree, MD
Cliff G. Robinson, MD
Saiana N. Waqar, MD

Presented By

Division of Cardiothoracic Surgery,
Medical Oncology & Radiation Oncology

Sponsored By

**Washington University School of Medicine
Continuing Medical Education**

COURSE OBJECTIVES

This course is designed for medical oncologists, radiation oncologists, pulmonologists, cardiothoracic surgeons, general surgeons caring for lung cancer patients, and all nurses and ancillary personnel involved in the care of lung cancer patients. The course is appropriate for primary care physicians and general medicine physicians that wish to understand the current issues regarding the prevention, diagnosis, screening, and treatment of lung cancer.

The intended result of this live activity is increased competence, performance and skill, and enhanced patient care through updated information in current general thoracic surgery, medical oncology and radiation oncology. Upon completion of this course participants should be able to:

- Explain the current role of CT and FDG-PET imaging for evaluation of patients with lung cancer.
- Discuss the current role and short-comings of CT and FDG-PET imaging for re-evaluation of patients treated with chemo-radiation prior to resection.
- Summarize the current economic impact of lung cancer on the individual patient and at a societal level.
- Explain how pending mandates from the Affordable HealthCare Act will impact management of the lung cancer patient.
- State the relative role of mediastinoscopy and EBUS in the diagnosis and staging of lung cancer and in the restaging of locally advanced lung cancer after neo-adjuvant treatment.
- Identify the indications and potential short-comings for minimally invasive surgical techniques in the current management of locally advanced lung cancer.
- Outline important clinical and anatomic issues that play a role in the decision making process regarding surgical resection of complex tumors of the superior sulcus, spine, and other major organs within the mediastinum.
- Discuss the role for post-operative chemotherapy for patients with NSCLC.
- Understand the indications for neo-adjuvant chemotherapy and radiation therapy in patients with locally advanced disease.
- Discuss advances in lung cancer genomics and molecularly targeted therapy for patients with early stage and locally advanced lung cancer.
- Summarize the role of systemic chemotherapy in the setting of recurrent disease.
- List current clinical trials and preliminary data regarding the neo-adjuvant therapy for lung cancer.
- Cite the controversies surrounding the management of Stage III non-small cell lung cancer with either tri-modality therapy or definitive chemotherapy and radiation therapy.
- Discuss the current controversies regarding the management of patients with oligometastatic disease with either palliative treatment or local treatment with intent to cure.
- Summarize controversies and current recommendations regarding radiographic follow up after both surgical and nonsurgical treatment of locally advanced non-small cell lung cancer.

DISCLOSURE POLICY: It is the policy of Washington University School of Medicine, Continuing Medical Education, to ensure balance, independence, objectivity and scientific rigor in all its educational activities. All presenters participating in this activity are expected to disclose to the audience any financial interest or other relationship (1) with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in an educational presentation and (2) with any commercial supporters of the educational activity.

GUEST FACULTY

Keith S. Naunheim, M.D., The Vallee L. and Melba Willman Professor and Chief of Cardiothoracic Surgery, Saint Louis University Medical Center

Geoffrey R. Oxnard, MD

Instructor in Medicine, Thoracic Oncology, Harvard Medical School, Boston

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE ACTIVITY FACULTY

Maria Q. Baggstrom, MD, Assistant Professor of Medicine, Section of Medical Oncology

Sanjeev Bhalla, MD, Professor of Radiology

Jeffrey D. Bradley, MD, S. Lee Kling Professor of Radiation Oncology

Stephen Broderick, MD, Instructor in Surgery, Division of Cardiothoracic Surgery

Jacob Buchowski, MD, MS, Associate Professor of Orthopaedic Surgery and of Neurological Surgery; Director, Center for Spinal Tumors

Traves D. Crabtree, MD, Assistant Professor of Surgery, Division of Cardiothoracic Surgery

Louis P. Dehner, MD, Professor of Pathology & Immunology

David S. Gierada, MD, Professor of Radiology

Jiayi Huang, MD, Assistant Professor of Radiation Oncology

Daniel Kreisel, MD, PhD, Associate Professor of Surgery, Pathology & Immunology
Division of Cardiothoracic Surgery

A. Sasha Krupnick, MD, Assistant Professor of Surgery, Division of Cardiothoracic Surgery

John P. Lynch, MD, Professor of Medicine

Chief Medical Officer, Vice-President Barnes-Jewish Hospital

Bryan F. Meyers, MD, MPH, Patrick & Joy Williamson Professor of Surgery

Chief, Section of Thoracic Surgery, Division of Cardiothoracic Surgery

Daniel Morgensztern, MD, Associate Professor of Medicine

Division of Oncology, Section of Medical Oncology

Director of Thoracic Oncology Clinical Research

Parag J. Parikh, MD, Assistant Professor of Radiation Oncology

G. Alexander Patterson, MD, Evarts A. Graham Professor of Surgery

Chief, Division of Cardiothoracic Surgery

Varun Puri, MD, Assistant Professor of Surgery, Division of Cardiothoracic Surgery

Cliff G. Robinson, MD, Assistant Professor of Radiation Oncology

Saiama N. Waqar, MD, Instructor in Medicine, Section of Medical Oncology

ACCREDITATION: Washington University is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT: Washington University designates this live educational activity for a maximum of **13 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing Contact Hours ... 12 Contact Hours Available

Washington University School of Medicine is an approved provider of continuing nursing education by the Missouri Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

THURSDAY, December 12

7:45am *Registration & Continental Breakfast*

8:00 **Introductions**

Initial Workup & Definitive Chemoradiotherapy for Stage III Disease

- 8:15** **Radiographic Evaluation and Staging in Locally Advanced Non-Small Cell Lung Cancer** - David S. Gierada, MD
- 8:30** **Surgical and Minimally Invasive Techniques for Diagnosis and Staging of Locally Advanced Non-Small Cell Lung Cancer** - Traves D. Crabtree, MD
- 8:45** **New Trends in Pathology of Non-Small Cell Lung Cancer**
Louis P. Dehner, MD
- 9:00** **Definitive Chemoradiotherapy for Stage III Disease-Novel Radiation Approaches** - Jeffrey D. Bradley, MD
- 9:15** **Definitive Chemoradiotherapy for Stage III Disease-Novel Systemic Therapy Approaches** - Daniel Morgensztern, MD
- 9:30** **Discussion Panel**
- 9:45** *Refreshment Break*

Complex Surgical Resections

- 10:15** **Current Role of Minimally Invasive Surgery for Locally Advanced Non-Small Cell Lung Cancer** - Stephen Broderick, MD
- 10:30** **Patient Selection for Pneumonectomy and Sleeve Resection**
Daniel Kreisel, MD
- 10:45** **Chest Wall Reconstruction Following Resection**
Traves D. Crabtree, MD
- 11:00** **Surgical Perspective of Treatment of Pancoast or Other T4 Tumors**
G. Alexander Patterson, MD
- 11:15** **Neurologic Perspective of Treatment of Pancoast or Other T4 Tumors**
Jacob Buchowski, MD, MS
- 11:30** **Discussion Panel**
- 11:45** *Luncheon (to be provided)*

Invited Guest Lecture

- 1:00pm** **Economics of Lung Cancer Treatment** - Keith S. Naunheim, MD
- 1:45** **Discussion**

Trimodality Therapy for Stage III Disease

- 2:00** **Neoadjuvant Chemotherapy and Radiation Strategies for Stage III Disease** - Maria Q. Baggstrom, MD
- 2:15** **Restaging After Neoadjuvant Therapy** - Stephen Broderick, MD
- 2:30** **Debate: Definitive Chemoradiation is the Treatment of Choice for Stage III Non-Small Cell Lung Cancer**
Cliff G. Robinson, MD
- 2:45** **Debate: Trimodality Therapy is the Treatment of Choice for Stage III Non-Small Cell Lung Cancer** - A. Sasha Krupnick, MD
- 3:00** **Response and Counter-response**
- 3:15** **Discussion Panel**

THURSDAY . . . continued

3:30pm Refreshment Break

4:00 Case Presentations

5:00 Discussion Panel

5:30 Adjourn

6:30 Optional Non-CME Dinner with Course Faculty:

Course attendees and guests are welcome to purchase ticket(s) to attend a dinner and enjoy a lively social evening with Washington University and visiting faculty. Location to be determined.

FRIDAY, December 13

7:30am Continental Breakfast

8:00 Introduction

Follow-Up and Adjuvant Therapy

8:15 Radiographic Follow-Up After Treatment of Locally Advanced Non-Small Cell Lung Cancer - Sanjeev Bhalla, MD

8:30 Role of Adjuvant Systemic Therapy - Saiama Waqar, MD

8:45 Role of Adjuvant Radiation Therapy - Cliff G. Robinson, MD

9:00 Surgical Techniques for Palliative Care - Varun Puri, MD

9:15 Discussion Panel

9:30 Refreshment Break

"Pay for Performance" - The Impact of Changes from the Affordable HealthCare Act

10:00 Implications of the Affordable HealthCare Act on the Hospital System
John P. Lynch, MD

10:30 The Impact of "Pay for Performance" in Thoracic Surgery
Bryan F. Meyers, MD

11:00 Discussion Panel

11:15 Luncheon (to be provided)

Invited Guest Lecture

12:30pm Genotype-directed Therapy for Locally Advanced NSCLC
Geoffrey R. Oxnard, MD

1:15 Discussion

1:30 Refreshment Break

Complications of Therapy & Management of Oligometastatic Disease

1:45 Radiation Considerations and Complications - Parag J. Parikh, MD

2:00 Chemotherapy Considerations and Complications
Daniel Morgensztern, MD

2:15 Diagnosis and Management of Surgical Complications - Varun Puri, MD

2:30 Debate: Definitive Therapy is Justified in Patients with Oligometastatic Disease - Jiayi Huang, MD

2:45 Debate: Palliative Treatment Alone is the Treatment of Choice in Patients with Oligometastatic Disease - Maria Q. Baggstrom, MD

3:00 Discussion Panel

3:15 Final comments

3:30 Adjourn

GENERAL INFORMATION

Location: Eric P. Newman Education Center (EPNEC) 320 S. Euclid Ave., St. Louis, Missouri 63110 (www.epnec.wustl.edu). Since meeting room temperatures are difficult to regulate to everyone's appeal, bringing a jacket or sweater is recommended. A map will be included with the registration acknowledgement.

Parking: Courtesy parking for paid registrants at the **BJH North Garage** (on Euclid Avenue at Parkview Place). Overnight parking cannot be validated. Validation for other medical center parking garages is not available.

Hotel Accommodations: To receive special rates, **please ask for the Washington University Lung Cancer block** (reserve early, space limited).

- **The Parkway Hotel \$129 (+tax)** (on the medical center campus)
(314) 256-7777 toll free (866) 314-7700 www.theparkwayhotel.com
4550 Forest Park Blvd., St. Louis, MO 63110
- **Chase Park Plaza \$165 (+ tax)** (5 blocks from the medical center campus)
(314) 633-3000 toll free (877) 587-2427 www.chaseparkplaza.com
212 N. Kingshighway Blvd., St. Louis, MO 63108

Please Note: Washington University is not responsible for airline or hotel reservations. Please confirm registration acceptance prior to purchase of nonrefundable or penalty airline tickets.

Cancellations: Registration fee less \$25 administrative charge is refundable if cancellation is received **in writing** by December 2, 2013.

Transportation/MetroLink: The Central West End MetroLink Station is conveniently located at the medical center on Euclid Ave, ½ block south of EPNEC, 1 block from The Parkway Hotel. The MetroLink trip from the airport (station at the airport) to the medical center takes approximately 20 minutes and costs \$4 (<http://www.metrostlouis.org>). Taxis from the airport cost approximately \$45.

Special Needs: Continuing Medical Education at Washington University School of Medicine fully complies with the legal requirements of the Americans with Disabilities Act rules and regulations thereof. If any participant of this meeting is in need of accommodations, please do not hesitate to submit written requests at least one month prior to seminar date. Assisted listening devices available on loan.

For Further Seminar Information:

Continuing Medical Education, Washington University School of Medicine
Phones: (314) 362-6891 (800) 325-9862 Fax: (314) 362-1087
Email: CME@wustl.edu Website: cme.wustl.edu

Day of Seminar Only Telephone Number: (314) 747-6338

Callers should ask for the Lung Cancer Conference.

Minimum and Maximum Enrollments Have Been Established.

ADVANCE REGISTRATION

Non-Small Cell Lung Cancer

Thursday & Friday, December 12 - 13, 2013

First Name Initial Last Name Degree

Address

City/ State/ Zip

Office Telephone Number Fax

Specialty

If you wish to receive CME announcements online, indicate your email address.

Medical School Graduate of ☐ Washington Univ ☐ Other Year

REGISTRATION FEES:

	<u>By Dec 2</u>	<u>After Dec 2</u>
☐ Physician	\$250	\$275
☐ Allied Health Professional	\$175	\$200

Fees include enrollment, continuing education credits, educational materials, continental breakfasts, refreshment breaks, luncheons, and daily parking (paid meeting participants only).

- ☐ **Yes**, I want to purchase a dinner ticket. **\$100.00**
- ☐ **Yes**, I want to purchase an additional dinner ticket. **\$100.00**
- ☐ **No**, I do not wish to attend the dinner.

Total Enclosed \$

Syllabus Format: SELECT ONE

- ☐ I prefer to receive the syllabus on a **USB** format.
Remember to bring your laptop
- ☐ I prefer to receive the syllabus in **paper** format in a binder.

CONVENIENT WAYS TO REGISTER!

- ☐ **ONLINE** Secure online registration available at: <https://cme.wustl.edu/lungcancer/>
Will receive immediate payment confirmation.
- ☐ **MAIL** completed form with your check payable to *Washington University*.
CME, Campus Box 8063, 660 S. Euclid Ave., St. Louis, MO 63110
- ☐ **FAX** completed form with credit card information to: Fax (314) 362-1087

☐ MasterCard ☐ Visa ☐ Discover ☐ AmEx

Name on Card

Card #

Exp. Date Signature

INTRNT