



Memorial Sloan Kettering
Cancer Center™

Is pleased to announce the

MULTIDISCIPLINARY
Spine
ONCOLOGY
SYMPOSIUM

April 17-18, 2015

COURSE LOCATION

**Memorial Sloan Kettering Cancer Center
ZUCKERMAN RESEARCH CENTER**

417 East 68th Street, New York, NY 10065
(between First and York Avenues)

www.mskcc.org/spinecourse

SCIENTIFIC AGENDA

MULTIDISCIPLINARY SPINE ONCOLOGY SYMPOSIUM

MSK COURSE DIRECTORS

Ilya Laufer MD

Department of Neurosurgery

Josh Yamada MD

Department of Radiation Oncology

MSK FACULTY

Mark Bilsky MD

Department of Neurosurgery

Patrick Boland MD

Department of Surgery
Orthopedic Service

Oren Cahlon MD

Department of Radiation Oncology

Mrinal Gounder MD

Department of Medicine
Melanoma and Sarcoma Service

Amitabh Gulati MD

Department of Anesthesiology
Pain Service

Eric Lis MD

Department of Radiology
Neuroradiology Service

Paul A. Meyers MD

Department of Pediatrics

Jedd D. Wolchok MD PhD

Department of Medicine
Melanoma and Immunotherapeutics Service



Memorial Sloan Kettering
Cancer Center

VISITING FACULTY

Christopher P. Ames MD

Department of Neurological Surgery
University of California San Francisco

Lilyana Angelov MD

Department of Neurological Surgery
Cleveland Clinic

Igor J. Barani MD

Department of Radiation Oncology
University of California San Francisco

Amol J. Ghia MD

Department of Radiation Oncology
The University of Texas
MD Anderson Cancer Center

George Jallo MD

Department of Neurosurgery
The Johns Hopkins Hospital

Joseph Lane MD

Department of Orthopedic Surgery
Metabolic Bone Disease Service
Hospital for Special Surgery

Kevin Oh MD

Department of Radiation Oncology
Massachusetts General Hospital

Laurence Rhines MD

Department of Neurosurgery
The University of Texas
MD Anderson Cancer Center

Samuel Ryu MD

Department of Radiation Oncology
Stony Brook University Cancer Center

Arjun Sahgal MD

Department of Radiation Oncology
University of Toronto

Dan Sciubba MD

Department of Neurosurgery
The Johns Hopkins Hospital

John H. Shin MD

Department of Neurosurgery
Massachusetts General Hospital

Joseph Schwab MD

Department of Orthopaedics
Massachusetts General Hospital

Scott G. Soltys MD

Department of Radiation Oncology
Stanford University Cancer Center

John Tsiouris MD

Department of Radiology
Weill Cornell Medical College

Course Overview

The multidisciplinary series of lectures will provide information about the diagnosis and treatment of patients with spinal tumors. Surgical, interventional, radiation and pharmacological treatment options will be discussed. The course will consist of a series of lectures and case discussions.

The target audience includes physicians in practice and training, in the fields of internal medicine, family practice, neurology, medical and radiation oncology, interventional and diagnostic radiology, pain management, neurosurgery and orthopedic surgery.

TARGET AUDIENCE

This course is designed for physicians in practice and training, who are interested in advancing their understanding of primary and metastatic spinal tumors.

EDUCATIONAL OBJECTIVES

- Review the diagnosis and treatment of primary and metastatic spinal tumors
- Discuss the decision framework developed for the treatment of spinal tumors
- Provide an overview of the radiology, radiation and medical oncology, surgery and pain management treatment options available for patients with spinal tumors



Memorial Sloan Kettering
Cancer Center

ZUCKERMAN RESEARCH CENTER

417 East 68th Street, New York, NY 10065

(between First and York Avenues)

SCIENTIFIC AGENDA

MULTIDISCIPLINARY SPINE ONCOLOGY SYMPOSIUM

FRIDAY, APRIL 17

- 9:30–9:40am **OPENING REMARKS**, Philip H. Gutin MD
- SURGERY**
- 9:40–10:05am **Introduction to Spinal Oncology**, Mark Bilsky MD
- 10:05–10:30am **Metastatic Tumors of the Mobile Spine**, Ilya Laufer MD
- 10:30–10:55am **Primary Tumors of the Mobile Spine**, Laurence Rhines MD
- 10:55–11:20am **Surgical Treatment of Sacral Tumors**, Patrick Boland MD
- 11:20–11:30am **B R E A K**
- 11:30–11:55am **Diagnosis of Spinal Instability – Spinal Instability Neoplastic Score**, Dan Sciubba MD
- 11:55am–12:20pm **Spinal Stabilization Techniques**, Joseph Schwab MD
- 12:20–1:00pm **Surgery for Intradural Tumors**, George Jallo MD
- 1:00–1:45am **L U N C H**
- RADIOLOGY AND PAIN MANAGEMENT**
- 1:45–2:10pm **Imaging of Spine Neoplasms**, John Tsiouris MD
- 2:10–2:35pm **Interventional Radiology**, Eric Lis MD
- 2:35–3:00pm **Interventional Pain Management**, Amitabh Gulati MD
- 3:00–3:10am **B R E A K**
- SYSTEMIC THERAPY**
- 3:10–3:35pm **Systemic Therapy in the Treatment of Primary Spinal Tumors**
Paul A. Meyers MD
- 3:35–4:00pm **Systemic Therapy in the Treatment of Chordoma**
Mrinal Gounder MD
- 4:00–4:25pm **Systemic Therapy and Survival in Patients with Metastatic Melanoma**, Jedd D. Wolchok MD PhD
- 4:25–4:50pm **Treatment of Osteoporosis in the Cancer Population**
Joseph Lane MD
- 4:50–5:00pm **B R E A K**
- 5:00–6:30pm **TUMOR BOARD**
- 6:30pm **R E C E P T I O N**



Memorial Sloan Kettering
Cancer Center.

SCIENTIFIC AGENDA
MULTIDISCIPLINARY SPINE ONCOLOGY SYMPOSIUM

SATURDAY, APRIL 18

- 7:00-7:30am **B R E A K F A S T**
- RADIATION ONCOLOGY**
- 7:30-7:55am **Physics and Radiobiology**, Kevin Oh MD
- 7:55-8:20am **Stereotactic Radiation Therapy**, Josh Yamada MD
- 8:20-8:55am **Conventional Radiation**, Igor J. Barani MD
- 8:55-9:20am **Heavy Particle Therapy**, Oren Cahlon MD
- 9:20-9:30am **B R E A K**
- 9:30-9:55am **Contouring Dosimetry and Toxicity Avoidance**
Arjun Sahgal MD
- 9:55-10:20am **Radiosurgical Treatment of Benign Tumors**
Scott G. Soltys MD
- 10:20-10:45am **Oligometastatic Disease**, Amol J. Ghia MD
- 10:45-11:20am **Reirradiation**, Samuel Ryu MD
- 11:20-11:30am **B R E A K**
- SOCIAL AND ECONOMIC CONSIDERATIONS
IN SPINE ONCOLOGY**
- 11:30-11:55am **Quality of Life in Patients with Spine Tumors**
Lilyana Angelov MD
- 11:55-am-12:30pm **The Economics of Spine Oncology**
Christopher Ames MD



Memorial Sloan Kettering
Cancer Center.

REGISTRATION

EARLY*	GENERAL	
\$200	\$250	MDs, PhDs and DOs
\$100	\$150	Residents, Fellows, RNs

*Deadline is March 17, 2015.

Registration fee includes an electronic syllabus and other related hand-out materials, continental breakfast, lunch, and refreshment breaks. Special meals are available upon request, including vegetarian, kosher, or gluten-free. Please let us know if we can assist you with special dietary needs.

To register to attend please go to:

www.mskcc.org/spinecourse

Or contact the:

OFFICE OF CONTINUING MEDICAL EDUCATION

Memorial Sloan Kettering Cancer Center

633 Third Avenue, 12th floor, New York, New York 10017

(646) 227-2025 • brodheap@mskcc.org

TARGET AUDIENCE

This course is designed for physicians in practice and training, who are interested in advancing their understanding of primary and metastatic spinal tumors.

COURSE DESIGN

This course is comprised of lectures and interactive audience participation encouraging the intellectual exchange of ideas between faculty and participants.

EVALUATION

A course evaluation survey sent out electronically will provide attendees with the opportunity to review the sessions and the speakers and to identify future educational needs.

ACCREDITATION STATEMENT

MSK is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA CREDIT DESIGNATION STATEMENT

MSK designates this live activity for a maximum of **12.5 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity. The AMA has determined that physicians not licensed in the United States but who participate in this CME activity are eligible for **12.5 AMA PRA Category 1 Credit(s)™**.

FACULTY DISCLOSURE

It is the policy of MSK to make every effort to insure balance, independence, objectivity, and scientific rigor in all continuing medical education activities which it sponsors as an ACCME accredited provider. In accordance with ACCME guidelines and standards, all faculty participating in an activity sponsored by MSK are expected to disclose any significant financial interest or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services which are discussed by the faculty members in an educational presentation. As required by the ACCME, when an unlabeled use of a commercial product or an investigational use not yet approved for any purpose is discussed during an educational activity, MSK requires the speaker to disclose that the product is not labeled for the use under discussion or that the product is still investigational.

OUTCOMES MEASUREMENT SURVEY

Six months after the end of the course an Outcomes Measurement Survey will be sent to all participants to help us determine what positive impacts have been made on participant practice as a result of the course.

Please be sure
to mark your
calendars for
upcoming
2015
MSK CME
COURSES

ACCREDITATION STATEMENT

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

To register or for more information, contact:

OFFICE OF CONTINUING
MEDICAL EDUCATION

**Memorial Sloan Kettering
Cancer Center**

633 Third Avenue, 12th Floor,
New York, New York 10017

(646) 227-2025

brodheap@mskcc.org

Or register online:

www.mskcc.org/cme

For course updates, follow:

facebook.com/mskcme

or on Twitter: **@mskcme**

HPV and The Cancer Connection	April 8
Multidisciplinary Spine Oncology Symposium	April 17
LGBT Allies Training	April (TBD)
SCLC Conference	April 22-24
Pelvic MRI Course	April 27-29
Overuse: A Quality Problem In and Out of The Hospital	April 29
Care of the Older Adult Across The Cancer Continuum Symposium	May 1
LGBT Health Workforce	May 1-3
Pathology of Neoplastic Disease	May 4-8
Modern Radiation for Lymphoma	May 8, 9
Radioactive Seed Localization	May 11
Oncologic Imaging	May 14-16
Thrombosis and Hemostasis	May 17
SPARC	May 19
Ovarian Cancer	June 5-6
Trudy N. Small Symposium	June 19
Thoracic Pathology NYC	September 11-13
Robotics (w/ MDACC)	September 17-18
Endobronchial Ultrasound Interventional Bronchoscopy	September 24-25
Thoracic Surgical Oncology	October 2-3
Oncologic FDG PET/CT	October 9-10
Genetics and Genomics of Gynecologic Cancers	October 15-16
Defining the Actionable Genome	October 16-17
Spotlight On ALL	October 18
Dermatology Through The Lens of Medical Informatics	October 22
Dermatologic Care	October 23
Dermoscopy Intermediate	October 23-24
Musculoskeletal Tumor Pathology	October 23-25
Urologic Cancers	October 29-31
Complex Skin Cancers	November 20-22
International Ovarian Cancer	December 4-5



Memorial Sloan Kettering
Cancer Center™