Multidisciplinary SPINE Oncology Symposium

JUNE 3-4, 2016

Conference Location:
Memorial Sloan Kettering Cancer Center
Zuckerman Research Center
417 East 68th Street, New York, NY 10065

www.mskcc.org/SpineCourse
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 studies.

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

CREDIT
MSKCC designates this live activity for a maximum of 13 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 13 AMA PRA Category 1 Credit(s)™.

For more information, or to register, visit:
www.mskcc.org/SpineCourse
MSKCC COURSE DIRECTORS

Ilya Laufer, MD
Department of Neurosurgery

Josh Yamada, MD
Department of Radiation Oncology

MSKCC FACULTY

Mark Bilsky, MD
Department of Neurosurgery

Patrick Boland, MD
Department of Surgery, Orthopaedic Service

Oren Cahlon, MD
Department of Radiation Oncology

Amitabh Gulati, MD
Department of Anesthesiology, Pain Service

Daniel S. Higginson, MD
Department of Radiation Oncology

Sasan Karimi, MD
Department of Radiology, Neuroradiology Service

Eric Lis, MD
Department of Radiology, Neuroradiology Service

Paul Paik, MD
Department of Thoracic Oncology

Adam Schmitt, MD
Department of Radiation Oncology

VISITING FACULTY

Lilyana Angelov, MD
Department of Neurological Surgery, Cleveland Clinic

Barth A. Green, MD
Department of Neurological Surgery, University of Miami

Charles Fisher, MD
Department of Orthopedics, University of British Columbia

Ziya L. Gokaslan, MD
Department of Neurosurgery, Brown University

John O’Toole, MD MS
Department of Neurological Surgery, Rush University Medical Center

Athos Patsalides, MD MS
Department of Neurological Surgery, Weill Cornell Medical Center

Laurence Rhines, MD
Department of Neurosurgery, University of Texas
MD Anderson Cancer Center

Arjun Sahgal, MD
Department of Radiation Oncology, University of Toronto

Daniel Sciubba, MD
Department of Neurosurgery, The John Hopkins Hospital

John H. Shin, MD
Department of Neurosurgery, Massachusetts General Hospital

Scott G. Soltys, MD
Department of Radiation Oncology, Stanford University Cancer Center

Claudio E. Tatsui, MD
Department of Neurosurgery, University of Texas MD Anderson Cancer Center

Jorrit-Jan Verlaan, MD
Department of Orthopedic Surgery, University Medical Center Utrecht
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>8:30 am</td>
<td>REGISTRATION &amp; BREAKFAST</td>
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<tr>
<td>9:30 am</td>
<td>Opening Remarks</td>
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<tr>
<td></td>
<td><em>Philip H. Gutin, MD</em></td>
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<tr>
<td>10:00 am</td>
<td><strong>METASTATIC SPINE TUMORS</strong></td>
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<tr>
<td>9:40 am</td>
<td>Treatment Paradigm for Spinal Metastases</td>
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<td><em>Ilya Laufer, MD</em></td>
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<tr>
<td>10:05 am</td>
<td>Principles of Surgery for Spinal Metastases</td>
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<td><em>Mark Bilsky, MD</em></td>
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<td>10:30 am</td>
<td>Conventional and Stereotactic Radiation</td>
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<td><em>Josh Yamada, MD</em></td>
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<td>10:55 am</td>
<td>BREAK</td>
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<tr>
<td>11:05 am</td>
<td>Radiobiology of SRS</td>
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<td><em>Daniel S. Higginson, MD</em></td>
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<td>11:30 am</td>
<td>Contouring, Dosimetry and Toxicity Avoidance</td>
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<td><em>Arjun Sahgal, MD</em></td>
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<td>11:55 am</td>
<td>Reirradiation</td>
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<td><em>Adam Schmitt, MD</em></td>
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<td>12:20 pm</td>
<td>LUNCH</td>
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<td>1:15 pm</td>
<td>Systemic Therapy and Survival in Patients with Lung Cancer</td>
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<td><em>Paul Paik, MD</em></td>
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<td>1:40 pm</td>
<td>Debate 1: Single Fraction Dose</td>
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<td>24 Gy is Just Right, <em>Josh Yamada, MD</em></td>
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<td>24 Gy is Too Much, <em>Arjun Sahgal, MD</em></td>
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<td>2:10 pm</td>
<td><strong>RADIOLOGY &amp; INTERVENTIONAL</strong></td>
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<td><strong>CANCER THERAPY</strong></td>
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<td>Diagnostic Radiology</td>
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<td><em>Sasan Karimi, MD</em></td>
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<td>2:35 pm</td>
<td>Interventional Radiology</td>
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<td><em>Eric Lis, MD</em></td>
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<td>3:00 pm</td>
<td>BREAK</td>
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<td>3:10 pm</td>
<td><strong>IMPROVING OUTCOMES &amp; FUTURE DIRECTIONS</strong></td>
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<td>3:10 pm</td>
<td>Complication Avoidance and Management in Spine Tumor Surgery</td>
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<td><em>John H. Shin, MD</em></td>
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<td>3:35 pm</td>
<td>Minimal Access Surgery for Spine Tumors</td>
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<td><em>John O’Toole, MD MS</em></td>
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<td>4:00 pm</td>
<td>Laser Interstitial Thermotherapy</td>
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<td><em>Claudio E. Tatsui, MD</em></td>
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<td>Intra-Arterial Chemotherapy</td>
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<td><em>Athos Patsalides, MD MS</em></td>
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<td>Neuromodulation for Cancer Pain</td>
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<td><em>Amitabh Gulati MD</em></td>
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<td>Management of Locally Recurrent Chordoma</td>
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<td><em>Ziya L. Gokaslan, MD</em></td>
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<td>Metastatic Disease Tumor Board</td>
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<td><em>Faculty</em></td>
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<td>RECEPTION</td>
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Saturday, June 4, 2016

7:00 am BREAKFAST

PRIMARY SPINE TUMORS

8:00 am Primary Tumors of the Mobile Spine
Laurence Rhines, MD

8:25 am Surgical Treatment of Sacral Tumors
Patrick Boland, MD

8:50 am Heavy Particle Therapy
Oren Cahlon, MD

9:15 am BREAK

9:30 am Debate 2: Oligometastatic Disease
En Bloc Surgery, Laurence Rhines, MD
Separation Surgery, Daniel Sciubba, MD

10:00 am Debate 3: Surgical Margin in Spine Tumor Surgery
Surgeons Should Perform Enneking Appropriate Surgery in Spine, Charles Fisher, MD
Enneking Appropriate is Inappropriate in Spine, Mark Bilsky MD

10:30 am BREAK

10:40 am Surgery for Intradural Tumors
Barth A. Green, MD

11:05 am Radiosurgical Treatment of Benign Tumors
Scott G. Soltys, MD

11:30 am LUNCH

SPINAL STABILITY

12:30 pm Diagnosis of Spinal Instability – Spinal Instability Neoplastic Score
Daniel Sciubba, MD

12:55 pm Spinal Stabilization Techniques
Jorrit-Jan Verlaan, MD

1:20 pm BREAK

1:30 pm Primary Tumor Case Discussion
Faculty

2:30 pm Quality of Life in Patients with Spine Tumors
Lilyana Angelov, MD

2:55 pm AO Spine Tumor Knowledge Forum: 2016 Recommendations
Charles Fisher, MD

3:20 pm Establishing a Multidisciplinary Spine Oncology Program
Mark Bilsky MD

3:45 pm ADJOURN

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ACCOMMODATIONS
For information on hotels in the area of MSKCC with discounted rates, please visit: mskcc.org/accommodations

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.

CREDIT DESIGNATION STATEMENT
MSK designates this live activity for a maximum of 13.0 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 13.0 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.

EARLY*               GENERAL
$300              $350  MDs, PhDs and DOs
$210              $245  MSK Alliance Members and MSK Alumni
$100              $150  Residents, Fellows and RNs

*Deadline for early registration is April 15, 2016.

To register, please go to:
www.mskcc.org/SpineCourse

Registration includes continental breakfast, lunch, and refreshment breaks. Please contact us at least one week prior to the course if you have any special dietary needs.

Registration is complimentary for MSK staff who wish to attend this course. However, you must register online by visiting the Continuing Medical Education page on OneMSK.

CONTACT  Continuing Medical Education  Memorial Sloan Kettering Cancer Center  633 Third Avenue, 12th Floor  New York, NY 10017  cme@mskcc.org