Multimodal Treatment of Spinal Tumors

Friday, February 25, 2011

Seattle Science Foundation
James Tower
Swedish/Cherry Hill
500 17th Avenue, Suite 600
Seattle, WA 98122
Intended Audience
The intended audience for this course includes medical oncologists, neurologists, neuroradiologists, radiation therapists, interventional radiologists, orthopedic surgeons, neurosurgeons and allied health professionals who specialize in the treatment of patients with spinal tumors.

Course Description
Multimodal Treatment for Spinal Tumors will explore the latest therapeutic techniques for treating patients diagnosed with spinal tumors. Diagnostic and therapeutic options for managing spinal tumors have advanced significantly in the past decade. These breakthroughs have enabled providers to help care for these patients with the goal to maximize their life expectancy as well as preserve neurologic function.

Today, health-care providers who treat patients with spinal tumors are able to offer a myriad of treatment options that were essentially non-existent in the recent past. Internationally renowned speaker, inventor, entrepreneur and neurosurgeon, John R. Adler, Jr., M.D., will provide the keynote presentation at this year’s symposium and initiate our discussion of the technical and therapeutic options available for spinal tumor patients.

National leaders in the field of neuroscience, neuroradiology, interventional radiology, medical oncology and radiation therapy will join colleagues from Stanford, Swedish and the Pacific Northwest to explore the latest advancements in the treatment of spinal tumors. Participants will also hear firsthand from a patient who has experienced the breadth of spinal tumor treatments available today.

Needs Statement
The spinal column is the most common site for bone metastasis. Estimates indicate that between 30-70 percent of patients with cancer will experience spread of cancer to their spine. Common primary cancers that spread to the spine are lung, breast and prostate. Prompt diagnosis and identification of the primary malignancy is crucial to overall treatment. Although a common site of metastatic tumors, spinal tumors are often undertreated. Less than optimal management of spinal tumors can result in poor quality of life and a shortened lifespan.

Improving management of spinal tumors should involve the coordination of a multidisciplinary team of health-care professionals, including family medicine providers, oncologists, surgeons and allied health professionals. The goal of the course is to improve patient survival and preserve neurologic function by educating physicians and other health-care professionals about the recent advances in diagnostic and treatment options so that they can apply them appropriately in their practice.

Agenda
7:15 a.m.  Registration and Breakfast
7:40 a.m.  Welcome and Introductions
Rod J. Oskouian, Jr., M.D.
7:45 a.m.  A Patient Shares His Experience
8 a.m.    Keynote Presentation: The Role of Radiosurgery in Managing Spinal Lesions
John R. Adler, Jr., M.D.
9 a.m.    Neuroradiology of Spinal Tumors
Bart Keogh, M.D., Ph.D.
9:30 a.m.  Complementary Role of Percutaneous Treatment of Spinal Metastases
Sanjiv Parikh, M.D.
10 a.m.   Break
10:15 a.m. Spinal Embolization
Joe Eskridge, M.D.
10:45 a.m. Surgical Management of Primary and Metastatic Spinal Tumors
Rod J. Oskouian, Jr., M.D.
11:45 a.m. Panel Discussion
12:15 p.m. Lunch (provided)
1 p.m.    Stereotactic Radiation for Spine Lesions
Brian Lee, M.D., Ph.D.
1:30 p.m.  Is Gamma Knife the Best Radiosurgery Platform for Benign Tumors of the Cervical Spine?
Sandy Vermeulen, M.D.
2 p.m.    Break
2:15 p.m.  Oncologic Treatment of Spinal Tumors
John Henson, M.D., FAAN
2:45 p.m.  What to Do When Pain Rules?
Gordon Irving, M.D.
3:15 p.m.  Panel Discussion
3:45 p.m.  Adjourn

Location/Parking/Directions
The Seattle Science Foundation is located on the sixth floor of the James Tower at Swedish Medical Center/Cherry Hill.

From I-5 (northbound and southbound), take the James Street exit. James will become Cherry St. Travel east on Cherry St. to the intersection of Cherry and 16th Ave. Turn right (south) onto 16th Ave. Turn right into the entrance of the parking garage. Parking is available in the Cherry Hill Garage on 16th Ave.

For Further Information
Phone:    206-386-2755
Fax:      206-320-7462
E-mail:   cme@swedish.org
Web:      www.swedish.org/cme
Course Objectives
At the conclusion of this course, participants will provide better patient care through an increased ability to:

• Reflect on the complexity of spinal tumor treatments from a patient's perspective
• Outline techniques for performing spinal radiosurgery and review indications and outcomes for a range of spinal lesions
• Review differential diagnoses of spinal tumors and explain imaging approaches for spinal tumors
• Present the background and rationale for percutaneous treatment of spinal metastases, explain vertebral augmentation in pathological compression procedures, and apply a complementary team approach to the treatment of pathological fractures
• Identify advances in spine tumor embolization and spinal arteriovenous malformation treatment and recognize spinal cord vascular anatomy
• Review surgical management of primary and metastatic spinal tumors and outline the biomechanics of spinal reconstruction
• Determine indications for utilization of stereotactic radiosurgery for spinal lesions and discuss tumor control rates using stereotactic radiosurgery
• Explain radiosurgery dosing for the control of benign tumors of the central nervous system and compare and contrast radiosurgical platforms in the treatment of benign cervical spinal tumors
• Discuss the role of medical oncologic intervention in spinal tumor treatment
• Review the emotional role that pain plays in suffering, discuss the advantages and disadvantages of opioids and introduce an underutilized treatment plan for dealing with tumor-related pain

Accreditation with Commendation
Swedish Medical Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

AMA PRA Category 1 Credits™
Swedish Medical Center designates this live activity for a maximum of 6.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing Contact Hours
Contact hours for this continuing nursing education activity has been submitted to Swedish Medical Center, an approved provider of continuing education by the Washington State Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation. Contact Vicki Enslow at Swedish Medical Center for more information about contact hours at 206-320-2711.

Faculty
John R. Adler, Jr., M.D.
Dorothy & TK Chan Professor of Neurosurgery
Stanford University

Joe Eskridge, M.D.
Director, NeuroInterventional Radiology
Swedish Neuroscience Institute

John W. Henson, M.D., FAAN
Director, Neurology
Swedish Neuroscience Institute
Neuro-oncologist
Ivy Center for Advanced Brain Tumor Treatment

Gordon A. Irving, M.D.
Medical Director, Swedish Pain and Headache Center
Swedish Medical Center

Bart Keogh, M.D., Ph.D.
Medical Director, Radiology
Swedish Medical Center/Cherry Hill

Brian Lee, M.D., Ph.D.
Radiation Oncologist
Swedish Neuroscience Institute

Rod J. Oskouian, Jr., M.D.
Neurosurgeon
Swedish Neuroscience Institute

Sanjiv Parikh, M.D.
Cardiovascular Interventional Radiologist and Nuclear Medicine Specialist
Radia, Inc.
Medical Director, Endovascular Services
Swedish Heart & Vascular Institute

Sandy Vermeulen, M.D.
Executive Director, Swedish Radiosurgery Center
Swedish Medical Center

Planning Committee
Rod J. Oskouian Jr., M.D., Course Chair
Kristin DeGroot, PA-C
Pam Ehrbar, B.A., CME Specialist
Dean Hamilton, ARNP
Bart Keogh, M.D., Ph.D.
Brian Lee, M.D., Ph.D.
Jessica Martinson, M.S., CME Manager
Robin Olson, R.N.
Sanjiv Parikh, M.D.
Sandy Vermeulen, M.D.

Acknowledgments
This symposium is financially supported in part by educational grants in accordance with ACCME’s Standards for Commercial Support. At the time of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the time of the symposium.
Registration Information:
Preregistration is required as space is limited. Participants who register by the “Advance Registration” deadline will receive a confirmation postcard after Monday, Feb. 14, 2011. Registrations will only be processed when accompanied by full payment.

Cancellation:
To receive a refund, notice of cancellation must be received no later than Friday, Feb. 18, 2011.

If using the registration form, please mail or fax it to:
Continuing Medical Education
Swedish Medical Center/Cherry Hill
500 17th Ave., PB Suite 303
Seattle, WA 98122
Fax: 206-320-7462

Please note: No registrations are accepted by phone or e-mail.
If you have special needs, please contact the CME office at 206-386-2755.