

In Joint Sponsorship
Present the

15th Annual

Brain Tumor Update and

4th Annual

International Symposium on Long-Term Control of Metastases to the Brain and Spine

Continuing
Education Credits
available for:

- Physicians
- Nurses
- Social Workers

November 9-10, 2013

The Bellagio • Las Vegas

Register online at www.ccfcmc.org/BrainMets13

About the Symposium

This symposium will examine the therapeutic strategies in the management of central nervous system metastases. It will also focus on the molecular biology of glioma and potential for innovative therapeutic approaches in treatment of glioma. The roles of surgery, radiation therapy and systemic therapy in treatment of unusual tumors of central nervous system will also be discussed.

Learning Objectives

1. Discuss the roles of surgery, radiation therapy and systemic therapy in the therapy of central nervous system metastases.
2. Discuss the management of unusual tumors of central nervous system.
3. Discuss the innovative therapeutic approaches in treatment of gliomas.
4. Describe common tumor types, their affect on cerebral functions and their treatment.
5. Identify specific practical issues focusing on living with a brain tumor including: symptoms, caregiver needs, palliative care and financial aspects.
6. Provide management strategies for issues pertaining to living with a brain tumor.

Target Audience

Neurosurgeons, Radiation Oncologists, Medical Oncologists, Neuro-oncologists, Neurologists, Nurses, Social Workers and allied healthcare professionals who work with patients with tumors.

'Partners in Care' Session for Nurses and Social Workers

New this year, the Cleveland Clinic is joint sponsoring with the American Brain Tumor Association to bring you the 2013 Brain Tumor 'Partners in Care' Session for Nurses and Social Workers. This session will provide an understanding of cerebral functions affected by brain tumors, as well as common tumor types and treatments. It will also focus on aspects of living with a brain tumor. These areas include symptoms and their management, palliative care and end of life, coping as a caregiver, and financial resources.



Cleveland Clinic Symposium Co-Directors

Manmeet Ahluwalia, MD

Section Head, Rose Ella Burkhardt Brain Tumor
and Neuro-Oncology Center

Gene Barnett, MD, MBA

Director, Rose Ella Burkhardt Brain Tumor
and Neuro-Oncology Center
Vice Chair, Neurological Surgery

Glen Stevens, DO, PhD

Staff, Rose Ella Burkhardt Brain Tumor
and Neuro-Oncology Center

John Suh, MD

Chairman, Radiation Oncology

Michael Vogelbaum, MD, PhD

Associate Director, Rose Ella Burkhardt Brain Tumor
and Neuro-Oncology Center

American Brain Tumor Association Symposium Co-Directors

Mary Lovely, PhD, RN, CNRN

Senior Advisor, National Programs and Services

Diana Sullivan, RN, BSN

Director, National Programs and Services

Guest Faculty

Kenneth Aldape, MD

MD Anderson Cancer Center
Houston, TX

Brendan Bietry

Senior Case Manager/National Outreach Representative
Patient Advocate Foundation
Hampton, VA

Jeffrey Bruce, MD

Columbia University Medical Center
New York, NY

Stuart H. Burri, MD

Levine Cancer Institute
Charlotte, NC

Veronica Chiang, MD

Yale University School of Medicine
New Haven, CT

Michael G. Fehlings, MD, PhD

Toronto Western Hospital
University of Toronto
Toronto, Ontario, Canada

Carrie A. Graham, MSN, ARNP-BC

University of Washington
Seattle, WA

Amy Heimberger, MD

MD Anderson Cancer Center
Houston, TX

Lisa Humphrey, MD

Nationwide Children's Hospital
Columbus, OH

Eudocia Q. Lee, MD, MPH

Dana-Farber Cancer Institute
Boston, MA

James K. Liu, MD

Rutgers University-New Jersey Medical School
Newark, NJ

Eduardo Lovo, MD

International Cancer Center of the Hospital de Diagnóstico
San Salvador, El Salvador

L. Dade Lunsford, MD

University of Pittsburgh
Pittsburgh, PA

Michael McDermott, MD

University of California San Francisco
San Francisco, CA

Laszlo L. Mechtler, MD

DENT Neurological Institute
Amherst, NY

Minesh Mehta, MD

University of Maryland Medical Center
Baltimore, MD

Ibrahim Qaddoumi, MD, MS

St. Jude Children's Research Hospital
Memphis, TN

Jeffrey Raizer, MD

Northwestern University, Feinberg School of Medicine
Chicago, IL

Elaine K. Sanchez

Author, Speaker, Co-founder of CaregiverHelp.com
Salem, OR

Raymond Sawaya, MD

MD Anderson Cancer Center
Houston, TX

Jeffrey Wefel, PhD, ABPP

MD Anderson Cancer Center
Houston, TX

Manfred Westphal, MD

University Medical Center Hamburg-Eppendorf
Hamburg, Germany

Eric T. Wong, MD

Beth Israel Deaconess Medical Center
Boston, MA

Cleveland Clinic Faculty

Lilyana Angelov, MD

Rose Ella Burkhardt Brain Tumor and Neuro-Oncology Center

Samuel Chao, MD

Rose Ella Burkhardt Brain Tumor and Neuro-Oncology Center

Erin Murphy, MD

Rose Ella Burkhardt Brain Tumor and Neuro-Oncology Center

Michael Parsons, PhD

Center for Behavioral Health

David Peereboom, MD

Rose Ella Burkhardt Brain Tumor and Neuro-Oncology Center

Steve Rosenfeld, MD, PhD

Rose Ella Burkhardt Brain Tumor and Neuro-Oncology Center

Richard Schlenk, MD

Center for Spine Health

Tanya Tekautz, MD

Rose Ella Burkhardt Brain Tumor and Neuro-Oncology Center

Agenda

SATURDAY, NOVEMBER 9, 2013

4th Annual International Symposium on Long-Term Control of Metastases to the Brain and Spine

- 9:00 am **Registration/Continental Breakfast/Exhibits**
Raphael Ballroom Foyer
- 10:00 am **Welcome and Introductions** – Gene Barnett

Spinal Metastases – Moderator: Lilyana Angelov

- 10:15 am **Surgery for Spine Metastases – Debulking vs. En Bloc Resection** – Michael G. Fehlings
- 10:35 am **Minimally Invasive Options for Spine Metastases** – Richard Schlenk
- 10:55 am **Radiotherapy for Spine Metastases** – John Suh
- 11:15 am **Radiosurgery: Indications and Outcomes** – Lilyana Angelov
- 11:35 am **Advances and Challenges in the Current Management of Spinal Metastases** – Sam Chao
- 11:55 am **Box Lunch**

Intracranial Metastases – Moderator: Michael Vogelbaum

- 12:40 pm **Medical Management** – Glen Stevens
- 1:00 pm **Surgical Management** – Raymond Sawaya
- 1:20 pm **Radiotherapy** – Minesh Mehta
- 1:40 pm **Neoadjuvant Radiosurgery** – Stuart H. Burri
- 2:00 pm **LITT** – Veronica Chiang
- 2:20 pm **Chemotherapy** – David Peereboom
- 2:40 pm **Targeted Therapy** – Manmeet Ahluwalia
- 3:00 pm **Leptomeningeal Disease** – Jeffrey Raizer
- 3:20 pm **Refreshment Break/Exhibits/Posters**

Brain Metastases: Imaging and Management Controversies

Moderator: John Suh

- 3:50 pm **Radiation Necrosis** – Sam Chao and Manmeet Ahluwalia
- 4:10 pm **Controversies in Management: Surgery with Whole Brain Radiation Therapy vs. Surgery Followed by Radiosurgery to the Surgical Cavity** – Dade Lunsford vs. Minesh Mehta
- 4:30 pm **The RANO Criteria for Brain Metastases** – Eudocia Q. Lee
- 4:50 pm **Surgical Management: Use of Intra-operative Adjuncts for Improving Extent Resection** – Michael Vogelbaum
- 5:10 pm **Adjourn**
- 6:30-8:30 pm **Reception**

SATURDAY, NOVEMBER 9, 2013

2013 Brain Tumor 'Partners in Care' Session for Nurses and Social Workers

- 9:00 am **Registration/Continental Breakfast/Exhibits**
Raphael Ballroom Foyer
- 9:45 am **Welcome and ABTA Overview** – Mary Lovely

Brain Function and Tumor Treatment

Moderator: Mary Lovely

- 10:00 am **Neuroscience Fundamentals: Brain Functions and How They Relate to Tumors** – Jeffrey Bruce
- 10:30 am **Primary Brain Tumors: Treatment, Symptoms and Late Effects** – Jeffrey Raizer
- 11:00 am **Metastatic Tumors: Treatment, Symptoms and Specific Issues** – Manmeet Ahluwalia
- 11:30 am **Meningioma: Treatment and Quality of Life** – Michael McDermott
- 12:00 pm **Box Lunch**

Symptom Management, Caregiver Needs and Financial Resources

- 1:00 pm **Cognitive and Neurobehavioral Changes: Assessment and Management** – Jeffrey Wefel
- 1:30 pm **Fatigue: Assessment and Management** – Carrie A. Graham
- 2:00 pm **Seizures: Management and Driving Issues** – Glen Stevens
- 2:30 pm **Financial Resources** – Brendan Bietry
- 3:00 pm **Palliative Care and End of Life** – Lisa Humphrey
- 3:30 pm **Refreshment Break/Exhibits/Posters**
- 4:00 pm **Keynote Speaker: Finding Hope and Humor in Caregiving – And for THIS I Take VITAMINS!**
Elaine K. Sanchez
- 5:00 pm **Adjourn**
- 6:30-8:30 pm **Reception**

Agenda

SUNDAY, NOVEMBER 10, 2013

15th Annual Brain Tumor Update

Management of Unusual Tumors

Moderator: *Glen Stevens*

- 9:30 am **Registration/Continental Breakfast/Exhibits**
- 10:00 am **Neurocytoma** – *James K. Liu*
- 10:20 am **Pineal Region Tumors and Epidermoid, Dermoid and Teratoma Tumors** – *Jeffrey Bruce*
- 10:40 am **PNETs** – *Tanya Tekautz*
- 11:00 am **Surgery for Uncommon Tumors** – *Manfred Westphal*
- 11:20 am **Medical Management of Uncommon Tumors** – *Ibrahim Qaddoumi*
- 11:40 am **Box Lunch**

Advances in the Management of Gliomas

Moderator: *Manmeet Ahluwalia*

- 12:25 pm **Medical Management: Update on Bevacizumab** – *Jeffrey Raizer*
- 12:45 pm **Bevacizumab Refractory Glioblastoma: Treatment Options** – *Manmeet Ahluwalia*
- 1:05 pm **State of the Art Imaging of Brain and Spine Tumors** – *Laszlo Mechtler*
- 1:25 pm **Radiotherapy for Low Grade Gliomas** – *Erin Murphy*
- 1:45 pm **Molecular Neuropathology** – *Kenneth Aldape*
- 2:05 pm **Cognitive Issues in Glioma Management** – *Michael Parsons*
- 2:25 pm **Refreshment Break/Exhibits/Posters**

New Directions – Moderator: *Gene Barnett*

- 2:55 pm **Evolving Pre-clinical and Clinical Experiences with Tumor Treating Fields (TTFields)** – *Eric T. Wong*
- 3:15 pm **Surgical Management: Laser Interstitial Thermal Therapy** – *Gene Barnett*
- 3:35 pm **Invasion** – *Steve Rosenfeld*
- 3:55 pm **Immunotherapy** – *Amy Heimberger*
- 4:15 pm **Role of Proton Therapy** – *Minesh Mehta*
- 4:35 pm **Radiosurgery in Central America** – *Eduardo Lovo*
- 4:55 pm **Adjourn**



Call For Papers

Poster and platform participants will be solicited for poster presentations. Posters will be on display throughout the symposium. Poster session participants will be notified of acceptance as well as poster size and content requirements on or before September 16, 2013.

Abstract Requirements

- **Deadline date:** October 7, 2013. One entry per presenter.
- Electronic submissions only through symposium web site at www.ccfcmc.org/BrainMets13
- 250 word limit

General Information

Location

The Bellagio Hotel
3600 Las Vegas Blvd South
Las Vegas, NV 89109
Telephone: 888-987-6667

The Bellagio is conveniently located 20 minutes from McCarran International Airport and located on the Las Vegas strip.

Hotel Reservations

A block of rooms has been reserved at The Bellagio Hotel for a special rate of \$229 for Friday, November 8, \$259 for Saturday, November 9, and \$199 for Sunday, November 10. A daily resort fee of \$25 plus the current room tax of 12% will be charged in addition to the room rate. The resort fee includes in-room internet access, access to the fitness center and spa, airline boarding pass printing in the hotel's Business Services Center and local and toll free phone calls.

To secure this rate, you must make your reservation by **Friday, October 4, 2013**. Contact the hotel reservations department by phone at 888.987.6667 or fax at 702.693.8547. Please identify yourself as being part of the Cleveland Clinic meeting to obtain the special rates.

Registration and Cancellation Information

Register at www.ccfcmec.org/BrainMets13. Deadline for registration for the symposium is **5:00 pm (EST), Monday, November 4, 2013**. A request for a refund must be received in writing by Wednesday, October 30, 2013. No refunds will be given after October 30, 2013. A \$50 cancellation fee will be deducted from the refund for all cancellations.

Please Note: For questions about registration, please call 216.448.0777 or email cmeregistration@ccf.org.

Americans with Disabilities Act

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Brigid Ring at 216.445.0754 or ringb@ccf.org at least two weeks prior to the activity.

Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of The Cleveland Clinic Foundation Center for Continuing Education and the American Brain Tumor Association. The Cleveland Clinic Foundation Center for Continuing Education is accredited by the ACCME to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 11.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

This activity is pending approval from the National Association of Social Workers.

The Ohio Board of Nursing will accept at face value the number of contact hours awarded for a continuing education activity that has been approved by a nationally recognized accreditation system of continuing education approval. Therefore 11.75 physician *AMA PRA Category 1 Credits™* will be accepted for nursing credits. Nurses from other states should contact their State Board of Nursing.

Faculty Disclosure Statement

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Information

For additional information: contact Brigid Ring – 800.223.2273 ext. 50754 / (e-mail) ringb@ccf.org / (fax) 216.636.5101

Registration Form

For Office Use Only: 020010034

Fee: _____ M.O.P. _____

Date: _____ CXL/Fee: _____

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Register Online At:

www.ccfcmc.org/BrainMets13

CCF employees should check fees and register online at the above web address.

(Please type or print clearly)

Name _____ Degree _____
First M.I. Last

Address _____

Company/Organization _____

City, State, Zip Code _____

Phone # _____ Fax # _____

E-mail _____

Specialty _____

Symposium Registration Fee - Two Days *(Check appropriate box)*

Symposium fee includes registration materials, continental breakfasts, lunches, reception and 'Partners in Care' Session for nurses and social workers.

- ☐ Physicians/Surgeons: \$495
- ☐ International (practice outside USA) Physicians/Surgeons: \$395
- ☐ PhDs, Non-Physicians: \$295
- ☐ Residents*, Fellows*: \$295
- ☐ Nurse/NP, PAs: \$195
- ☐ Social Worker (Allied Health): \$195
- ☐ CCF Alumni: \$297
- ☐ CCF Comprefcare Affiliates: \$321.75 - Member I.D. Number _____

*Letter from program chairman or department chairman must accompany Resident/Fellow registration.

- ☐ I require a vegetarian meal
- ☐ I will attend the reception on Saturday, November 9
- ☐ I will bring a guest to the reception (no charge)

Total Amount: \$ _____

Make check payable and mail to:

The Cleveland Clinic Educational Foundation, PO Box 931653, Cleveland, OH 44193-1082

If you would like to register using a credit card, please go to ww.ccfcmc.org/BrainMets13 or call 216.448.0777 where it will be handled directly by a certified processor.

Partners in Care Session Only

Saturday, November 9

- ☐ Nurse: \$99
- ☐ Social Worker: \$99

To attend both days, select the option in left column



Neurological Institute and the
Taussig Cancer Institute



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Cleveland, OH 44195

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