



Neurological Institute and the
Taussig Cancer Institute present

International Symposium on Long-Term Control of Secondary Central Nervous System Malignancies

June 10-11, 2010

Ritz Carlton Hotel • Cleveland, OH



Register online at www.ccfme.org/BrainMets10

About the Symposium

Better control of systemic disease and more aggressive treatments have led to enhanced survival in patients with CNS metastasis. Little focus, however, has been placed on the long-term control of CNS metastasis and the impact of such control on the patient. This symposium will examine interventions, controversies, and late effects associated with long-term control of central nervous system metastasis.

Learning Objectives

1. Delineate the risk factors for CNS metastasis.
2. Identify those patients with brain metastasis who have the best chance for long-term survival.
3. Discuss the roles of surgery, radiation therapy and systemic therapy in the long-term control of CNS metastasis.
4. Discuss the long-term neurocognitive toxicities of treatment of brain metastasis.

Target Audience

Neurosurgeons, Radiation Oncologists, Medical Oncologists, Neurologists, and allied healthcare professionals who work with patients with tumors.



Faculty

Cleveland Clinic Symposium Directors

Gene Barnett, MD

Director, Brain Tumor and Neuro-Oncology Center
Neurological Institute

John Suh, MD

Chairman, Radiation Oncology
Taussig Cancer Institute

Lilyana Angelov, MD

Associate Staff, Brain Tumor and Neuro-Oncology Center

Michael Vogelbaum, MD, PhD

Associate Director, Brain Tumor and Neuro-Oncology Center

David Peereboom, MD

Director, Clinical Research
Brain Tumor and Neuro-Oncology Center

Guest Faculty

Eric Chang, MD

MD Anderson
Houston, TX

Jonathan Knisely, MD

Yale University
New Haven, CT

Andrew Seidman, MD

Memorial Sloan Kettering
Cancer Center
New York, NY

Michael Glantz, MD

Mass General
Boston, MA

Herbert Newton, MD

Ohio State University
Columbus, OH

Allen Sills, MD

Vanderbilt University
Nashville, TN

Stuart Grossman, MD

Johns Hopkins University
Baltimore, MD

Brian O'Neill, MD

Mayo Clinic
Rochester, MN

Riccardo Soffietti, MD

University of Torino
Torino, Italy

Morris Groves, MD

MD Anderson
Houston, TX

Arjun Sahgal, MD

Sunnybrook Health Sciences Center
Toronto, Ontario, Canada

Scott Soltys, MD

Stanford University
Stanford, CA

Deepak Khuntia, MD

University of Wisconsin
Madison, WI

Raymond Sawaya, MD

MD Anderson
Houston, TX

Cleveland Clinic Faculty

Manmeet Ahluwalia, MD

Associate Staff, Brain Tumor and
Neuro-Oncology Center

Timothy Gilligan, MD

Associate Staff, Solid Tumor
Oncology

Tanya Tekautz, MD

Associate Staff, Brain Tumor and
Neuro-Oncology Center

Edward Benzel, MD

Chairman, Neurosurgery

Terrence Gutsell, MD

Staff, Hematology and Medical
Oncology

Greg Videtic, MD

Staff, Radiation Oncology

Sam Chao, MD

Associate Staff, Brain Tumor and
Neuro-Oncology Center

Michael Parsons, PhD

Staff, Psychiatry and Psychology

Robert Weil, MD

Director of Laboratory Research,
Brain Tumor and Neuro-Oncology
Center

Bruce Cohen, MD

Staff, Brain Tumor and Neuro-
Oncology Center

Glen Stevens, DO, PhD

Staff, Brain Tumor and Neuro-
Oncology Center

Agenda

THURSDAY, JUNE 10, 2010

8:00-8:10 **Welcome and Introductions** – Gene Barnett

I. Brain Metastasis Biology, Epidemiology, Screening

Epidemiology and Screening – Moderator: Bruce Cohen

8:10-8:30 **Epidemiology and Risk Factors of Brain Metastasis** – Brian O'Neill

8:30-8:50 **Biology of Brain Metastasis** – Robert Weil

8:50-9:10 **Risk Factors and Screening Decisions for Brain Metastasis in Patients with Breast Cancer** – Andrew Seidman

9:10-9:20 **Discussion**

II. Interventions – Surgery, Radiation, Radiosurgery, Medical Therapy

Surgery – Moderator: Michael Vogelbaum

9:20-9:40 **Surgery for Brain Metastasis** – Raymond Sawaya

9:40-10:00 **Surgical Adjuncts for Brain Metastasis** – Allen Sills

10:00-10:10 **Discussion**

10:10-10:30 **Break**

Radiation Therapy – Moderator: John Suh

10:30-10:45 **Prophylactic Cranial Irradiation for Brain Metastasis** – Greg Videtic

10:45-11:00 **Whole Brain Radiation Therapy for Brain Metastasis** – Sam Chao

11:00-11:15 **Whole Brain Radiation Therapy after Surgery/Stereotactic Radiosurgery** – Riccardo Soffietti

11:15-11:30 **Radioprotectors and Hippocampal Sparing** – Deepak Khuntia

11:30-12:00 **Discussion**

12:00-1:00 **Lunch**

Radiosurgery – Moderator: Sam Chao

1:00-1:20 **Single Fraction SRS and Neurocognitive Function** – Arjun Sahgal

1:20-1:40 **Stereotactic Radiosurgery to Postsurgical Resection Bed for Brain Metastasis** – Scott G. Soltys

1:40-1:50 **Local Control of Brain Metastasis with Radiosurgery – A Dose Response Study** – Michael Vogelbaum

1:50-2:00 **Discussion**

Medical Management – Moderator: David Peereboom

2:00-2:15 **Medical Management Issues** – Glen Stevens

2:15-2:30 **Role of Chemotherapy – Overview** – David Peereboom

2:30-2:45 **Intra-arterial Chemotherapy** – Herbert Newton

2:45-3:00 **Germ Cell Tumors** – Timothy Gilligan

3:00-3:20 **Discussion**

3:20-3:40 **Break**

Controversies in Management – Moderator: Michael Vogelbaum

3:40-4:00 **Stereotactic Radiosurgery with/without Whole Brain Radiation Therapy** – Eric Chang and John Suh

4:00-4:20 **Surgery with/without Whole Brain Radiation Therapy** – Allen Sills and Sam Chao

4:20-4:40 **Surgery v Radiosurgery** – Raymond Sawaya and Gene Barnett

4:40-5:00 **Discussion**

5:00 **Adjourn**
Social Function/Dinner

FRIDAY, JUNE 11, 2010

8:00-8:10 **Welcome**

III. Minimizing the Impact of Spine Metastasis – Moderator: Lilyana Angelov

8:10-8:30 **Current Treatment Paradigms for Spine Tumors** – Edward Benzel

8:30-8:50 **Radiosurgery and Vertebral Augmentation: When Less is More**
– Lilyana Angelov

8:50-9:10 **Successes and Ongoing Challenges of Radiation and
Radiosurgery** – Eric Chang

9:10-9:20 **Discussion**

IV. Leptomeningeal Metastasis – Moderator: Manmeet Ahluwalia

Leptomeningeal Disease

9:20-9:40 **Introduction, Diagnostics Modalities and Challenges** – Michael Glanz

9:40-10:00 **Clinical Trials and Therapy** – Stuart Grossman

10:00-10:20 **Novel Agents in Trials and Future Directions** – Morris Groves

10:20-10:30 **Discussion**

10:30-10:50 **Break**

V. Late Effects of Brain Metastasis Treatment: Assessment and Management

Therapeutic Toxicities – Moderators: Glen Stevens and Tanya Tekautz

Radiation and Cognitive Function

10:50-11:10 **Neuropsychologic Assessment** – Michael Parsons

11:10-11:30 **Chemo Brain** – Michael Glanz

11:30-11:50 **Radiation Therapy Oncology Group (RTOG) Randomized
Memantine v Placebo Trial** – Jonathan Knisely

11:50-12:10 **Palliative Medicine** – Terrence Gutgsell

12:10-12:30 **Discussion**

12:30-12:45 **Closing Remarks**

12:45 **Box Lunch and Adjourn**

Symposium Reception

Your registration fee includes a reception at the House of Blues on Thursday, June 10. Please plan to join your colleagues and the symposium faculty.



General Information

Location

Ritz Carlton Hotel
1515 West Third Street
Cleveland, OH 44113
Telephone: 800-241-3333

The Ritz Carlton is conveniently located 20 minutes from Cleveland Hopkins International Airport and located in the heart of downtown Cleveland.

Hotel Reservations

A block of rooms has been reserved at the Ritz Carlton Cleveland. To make a reservation, contact the hotel directly at 800-241-3333 and ask for the Group Reservations department. The group rate code for the symposium attendees is NRONROA to receive the special symposium rate of \$179 per night plus tax. Reservations must be made by Friday, May 19, 2010, to receive this rate.

Registration and Cancellation Information

Register at www.cfcme.org/BrainMets10. Deadline for registration for the symposium is **5:00 pm (EST), Monday, June 7, 2010**. A request for a refund must be received in writing by Monday, June 7, 2010. No refunds will be given after June 7, but registration is transferable through June 11, 2010. A \$50 cancellation fee will be deducted from the refund for all cancellations.

Please Note: If you register online, you will receive an immediate registration confirmation notice indicating that payment was processed. If the notice contains the word “error” please contact the registration office at 216-448-0777 to confirm registration.

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 Martha Tobin at 216-445-3449 or tobinm@ccf.org at least two weeks prior to the activity.

Accreditation For Physicians

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this educational activity for a maximum of 11.5 *AMA PRA Category 1 Credits™*. Physicians should only claim 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 Council on Continuing Medical Education for Category 2 credit.

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.

**For additional information: Ms. Martha Tobin – 800-223-2273 ext. 53449
(e-mail) tobinm@ccf.org / (fax) 216-445-4527**

Registration Form

For Office Use Only: 020675

Fee: _____ M.O.P. _____

Date: _____ CXL/Fee: _____

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(Please type or print clearly)

Name _____ Degree _____

First

M.I.

Last

Address _____

Company/Organization _____

City, State, Zip Code _____

Phone # _____ Fax # _____

E-mail _____

Specialty _____

Course Registration Fee *(Check appropriate box)*

- Physicians/Surgeons: \$495
- International (practice outside USA) Physicians/Surgeons: \$395
- PhDs, Non-Physicians: \$295
- Residents*, Fellows*: \$295
- Nurses: \$195
- CCF Alumni \$279
- CCF Comprefcare Affiliates: \$321.75 - Member I.D. Number _____

Course fee includes registration materials, continental breakfasts, lunches and the reception at the House of Blues.

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

- I require a vegetarian meal.
- I will attend the House of Blues Reception I will bring a guest to the reception (no charge)

Payment Options

- Check Enclosed (Made payable to: The Cleveland Clinic Educational Foundation)
- Visa MasterCard AMEX Discover

Card # _____ 3-digit v-code _____

Name on Card _____ Exp Date _____

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**If you are unable to register online, FAX your registration to 216-448-0783.
If paying by check, registration should be payable and MAILED to:**

The Cleveland Clinic Educational Foundation
P.O. Box 931653
Cleveland, OH 44193-1082

**Or, if paying by credit card, please register online at
www.ccfcmec.org/BrainMets10 or fax registration
to 216-448-0783.**

(Once faxed, do not mail original registration.)


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