

3rd Annual Brain Tumor Symposium: *Current Innovations in Brain Tumor Treatments* November 1, 2013

COURSE LOCATION

The Ritz-Carlton, Philadelphia
Ten Avenue of the Arts, Philadelphia, PA 19102

Earn up to
6.5 CME credits
and 6.5 CNE
contact hours

This program will offer participants a unique opportunity to hear innovative clinician leaders relate their personal experience with a new technology which shows promise in the treatment of brain tumors.



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Hospital for Neuroscience

THOMAS JEFFERSON UNIVERSITY AND HOSPITALS

COURSE DESCRIPTION

The *3rd Annual Brain Tumor CME Symposium: Current Innovations in Brain Tumor Treatments*, sponsored and directed by the Thomas Jefferson University Department of Neurological Surgery, is designed for all specialists working in the field of neuro-oncology: neurosurgeons, neurologists, neuro-radiologists, neuropathologists, as well as family physicians, nurses and trainees whose practice focuses on the diagnosis, management, and treatment of brain tumors.

Participants will have a unique opportunity to hear innovative clinician leaders relate their personal experience with a new technology which shows promise in the treatment of brain tumors. In the Morning Session, this active learning format features an in-depth review of seven different innovative approaches to a variety of benign and malignant brain tumors. Participants will gain an understanding of the breadth of clinical research and how experienced healthcare providers approach difficult diseases with novel techniques. These didactic presentations will allow participants to observe and question faculty practitioners as they absorb the latest innovations in brain tumor treatments, and demonstrate how to apply new treatment concepts to tumor biology.

Back by Popular Demand! Two Afternoon Break-Out Sessions: Physician Track and Nurses/Allied Health Professionals Track! Each session will emphasize updated approaches to the identification, diagnosis and treatment of brain tumors and the psychological impact of such a diagnosis through lively interactive case-based discussion. All attendees will re-convene after the afternoon break-out sessions for the Closing Remarks immediately following the conference.

COURSE OBJECTIVES

At the conclusion of this conference, participants should be able to:

- Explain the current knowledge of the interplay between the immune system and malignant gliomas and critically assess the effect of standard treatments on the host immune system.
- Describe general immunotherapy principles as it relates to the glioma patient and assess the design and rationale of a Phase I trial as a viable means of treatment.
- Summarize the application, risks, and benefits of proton beam and photon beam therapies and discuss the consortia forming in the United States for these management options.
- Interpret the recent advances and outcomes in electric current treatment and the impact of continuous administration of electric fields on brain tumors.
- Examine the use of history focused ultrasound as a tool, the criteria and protocols for its use, and its clinical application in the treatment of brain tumors.
- Critically assess the feasibility and advantages of a minimally invasive surgical approach to pituitary tumors and other tumors around the sella turcica.
- Critique the recent brain metastasis radiation studies that have changed the course of neuro-oncology practice, with special emphasis on the current knowledge of the human brain's resting state or "default mode network"
- Identify the prevalence, prognosis, and recent clinical trial reports related to central nervous system (CNS) lymphoma and examine the treatment related complications routinely encountered in the management of this disease.
- Critically assess the National Immunotherapy Trials related to the treatment and outcomes of patients with brain tumors, with particular attention to recent advances in biologically targeted therapy and dendritic cell-based vaccines.
- Describe the clinical significance of surgical decision making and the calculus of risk-benefit from the surgeon's perspective.
- Identify the advances in neuroradiology and radiogenomics and the recent national developments in the integration of these datasets.
- Critique the advantages of an integrated Brain Tumor Multidisciplinary Practice approach, and the importance of collaborative care as it relates to the healthcare professional.
- Define the WHO classification scheme for astrocytomas and the broad survival curve for patients with Grade III astrocytomas as a reflection of different subtypes.
- Describe the emotional and physical needs from the brain tumor patient perspective and identify resources ancillary support families often need in the care of their loved one.
- Examine and critique current literature addressing the possible relationship between cell phones and brain tumors.
- Define the goals of palliative care and examine its role throughout the course of serious illness.
- Participants are expected to assess their individual practices in light of the information and discussions during the course, and identify specific strategies to implement as part of a continuing improvement process for their practices.

AGENDA

7:00 AM	Registration, Continental Breakfast, & Exhibits
7:45 AM	Welcome and Introduction of Keynote Speaker David W. Andrews, MD, FACS
8:00 AM	The Immune System in Glioma Patients Stuart Grossman, MD
8:40 AM	Preliminary Results of IND 14379: a Novel Immunotherapy Trial for Glioma Patients David W. Andrews, MD, FACS
9:10 AM	Proton Beam Therapy Helen A. Shih, MD
9:40 AM	Shaped Photon Beam Therapy Wenyin Shi, MD, PhD
10:10 AM	Break & Exhibits
10:30 AM	Image-Guided Laser Surgery Gene Barnett, MD
11:00 AM	Electric Current: Tumor Treatment Fields Eilon Kirson, MD, PhD
11:30 AM	Focused Ultrasound Paul R. Stauffer, MSEE, CCE
12:00 PM	Update in Minimally Invasive Cranial Base Surgery James J. Evans, MD, FACS
12:30 PM	Lunch, Dessert & Exhibits
	PRACTICING PHYSICIAN TRACK: UPDATES FROM JEFFERSON PHYSICIANS GRAND BALLROOM
1:15 PM	Understanding Brain Function through Brain Metastases Yaron Moshel, MD, PhD
1:45 PM	Update on CNS Lymphoma Jon Glass, MD
2:15 PM	Review of National Immunotherapy Trials Lyndon J. Kim, MD
2:35 PM	Break & Exhibits
3:00 PM	Radiogenomics and Gliomas Adam E. Flanders, MD
3:20 PM	Neuroimmunology and Gliomas Douglas C. Hooper, PhD
3:40 PM	Should Grade III Astrocytomas be Subclassified by the WHO? Mark T. Curtis MD, PhD
	NURSES AND ALLIED HEALTH PROFESSIONAL TRACK: UPDATES FROM JEFFERSON PHYSICIANS AND NURSES PLAZA BALLROOM (3rd Floor)
1:15 PM	Keynote Lecture: A Patient Perspective Stephen Curtis
1:55 PM	Psychological Impact of a Brain Tumor Diagnosis Robert Kirk, RN
2:15 PM	Cell Phones and Brain Tumors: Is There a Connection? Christopher J. Farrell, MD
2:35 PM	Break & Exhibits
3:00 PM	Surgical Decision Making Kevin D. Judy, MD, FACS
3:20 PM	Update on Radiation Oncology Daniel Clancy, RN
3:40 PM	Palliative Care Linda Herrmann, PhD, RN, CRNP
	FINAL PLENARY SESSION GRAND BALLROOM
4:00 PM	Closing Remarks David W. Andrews, MD, FACS

JEFFERSON CO-COURSE DIRECTORS

David W. Andrews, MD, FACS
Professor, Neurological Surgery
Vice Chairman of Clinical Services
Department of Neurological Surgery
Division Chief, Division of Neuro-Oncology

Kevin D. Judy, MD, FACS
Professor, Neurological Surgery
Section Chief of Surgical Neuro-Oncology

Alisha Amendt, MSN, CRNP, CNRN
Nurse Practitioner, Department of Neurological Surgery

GUEST FACULTY

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Professor, Neurological Surgery
Director, Burkhardt Brain Tumor and Neuro-Oncology Center
Director, Cleveland Clinic Gamma Knife Center
Vice-Chairman, Department of Neurological Surgery
Cleveland Clinic
Cleveland, Ohio

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Chief Science Officer and Head of Research and Development
Novocure
Portsmouth, New Hampshire

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Professor of Oncology, Medicine, Neurological Surgery
Johns Hopkins Sidney Kimmel Comprehensive Cancer Center
Baltimore, Maryland

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Assistant Professor of Radiation Oncology
Massachusetts General Hospital
Boston, Massachusetts

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Director, Hyperthermia Physics Division
Duke University
Durham, North Carolina

Stephen Curtis
Brain Tumor Patient
Philadelphia, PA

JEFFERSON FACULTY

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Clinical Senior Manager
Department of Radiation Oncology

James J. Evans, MD, FACS
Professor, Neurological Surgery and Otolaryngology-Head and Neck Surgery
Director of Cranial Base and Pituitary Surgery
Co-Director, Jefferson Center for Minimally Invasive
Cranial Base Surgery and Endoscopic Neurosurgery

Adam E. Flanders, MD
Professor, Radiology and Rehabilitation Medicine
Co-Director, Neuroradiology/ENT
Director of Radiology Informatics Research

Linda Herrmann, PhD, RN, CRNP
Nurse Practitioner, Palliative Care
Department of Family and Community Medicine

Lyndon Kim, MD
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Division of Neuro-Oncology

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Mark T. Curtis, MD, PhD
Associate Professor, Pathology
Director of Neuropathology
Assistant Director of Autopsy Pathology
Director, Pathology Laser Microdissection Facility
Program Director, Pathology Residency

Christopher J. Farrell, MD
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Section Chief of Medical Neuro-Oncology
Division of Neuro-Oncology

Douglas C. Hooper, PhD
Professor, Cancer Biology

Robert C. Kirk, BSN, RN
Nurse, Department of Neurological Surgery

Wenyin Shi, MD, PhD
Assistant Professor, Radiation Oncology



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The Kimmel Cancer Center (KCC) was founded in 1991 and is one of a select group of cancer centers in the nation designated by the National Cancer Institute. Today, the KCC has approximately 150 members that include physicians and scientists dedicated to discovery and development of novel approaches for cancer treatment.

ACCREDITATION INFORMATION

Jefferson Medical College of Thomas Jefferson University is accredited by the ACCME to provide continuing medical education for physicians.

Jefferson Medical College of Thomas Jefferson University designates this live activity for a maximum of **6.5 AMA PRA Category 1 Credit(s)**[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Thomas Jefferson University Hospital is an approved provider of Continuing Nursing Education (CNE) by the PA State Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. 6.5 is maximum number of contact hours to be awarded to participants.

FACULTY DISCLOSURE

All faculty at continuing educating activities for nurses, physicians and allied health professionals are required to disclose to the audience (1) any significant financial relationships with the manufacturer(s) of any commercial products, goods or services and (2) any unlabeled/unapproved uses of drugs or devices discussed in their presentations. Such disclosures will be made in writing in the course presentation materials.

EXHIBITS

Exhibits will be open during registration, breaks, and lunch. We wish to thank our grantors and exhibitors for their participation and support of this conference.

PARKING INFORMATION

The hotel offers valet parking (please note there is a 20% parking tax).

The fees are as follows: • Overnight - \$40.00 (with tax \$49.00) • Part Day - \$27.00 (with tax \$32.00) • 10 Arts - \$20.00 (with tax \$24.00)

HOTEL ACCOMMODATIONS

The Ritz-Carlton, Philadelphia Hotel Rooms are Available – Please call the hotel reservations department at 1-800-241-3333 to reserve a room and reference the name of the Event: 3rd Annual Brain Tumor CME Symposium. Room Rate: Single/Double - \$219 (plus tax) Reservations must be received no later than October 1, 2013.

3rd Annual Brain Tumor Symposium **November 1, 2013**

REGISTRATION INFORMATION

The registration fee for the entire course is **\$140.00** for Physicians and **\$110.00** for Nurses and Allied Health Professionals before **October 25, 2013**. The Registration Fee includes all course materials, CME Certificate, CNE Certificate, and continental breakfast, lunch and refreshment breaks. The registration fee does not include parking. Your registration will be confirmed via email. Exhibits will be displayed throughout the conference. If you have any special needs, please contact the Office of CME by **October 25, 2013** at 1-888-JEFF-CME.

CANCELLATIONS/REFUND POLICY

Requests for refunds must be submitted in writing and received in the Office of CME by **October 25, 2013**. There will be no refunds after this date. There will be a \$25 processing fee for all refunds. Registrants who fail to attend the conference are responsible for the entire fee. All refunds will be processed after the conference. The University reserves the right to cancel or postpone this course due to unforeseen circumstances. In the event of cancellation or postponement, the University will refund registration fees, but is not responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airlines or travel agencies.

Last Name First Name MI Male Female

Title (Dr., Mr., Ms.) Personal Title (II, Jr.) Degree Specialty

Affiliation/Organization Mailing Address

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Web ID (Please provide the last four digits of your Social Security Number as your Web ID. This will allow you to access your CME transcript at anytime after the course.)

Please do not include me in upcoming events mailing lists.

Are you a Jefferson Medical College Alum? Yes No If yes, what year? _____

*How did you hear about this event? _____

REGISTRATION FEES

- \$140.00 Practicing Physician
- \$110.00 Nurse
- \$110.00 Allied Health Professional
- \$110.00 Retired Physician
- \$110.00 Non-Jefferson Resident
- \$110.00 Non-Jefferson Fellow

Payment: Please make check payable to **Jefferson Medical College, Office of CME**, or provide Credit Card Information. Do not send cash. Registration will not be processed unless full payment is received.

Check is enclosed. Check Number: _____

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To register, please use one of the following options:

Register Online: <http://jeffline.jefferson.edu/jeffcme/Neurosurgery/>

Fax: You may fax this form with credit card payment to (215) 923-3212

Phone: For further information, please call the Office of CME at 1-888-JEFF-CME or 215-955-6992

Mail: 3rd Annual Brain Tumor Symposium

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