

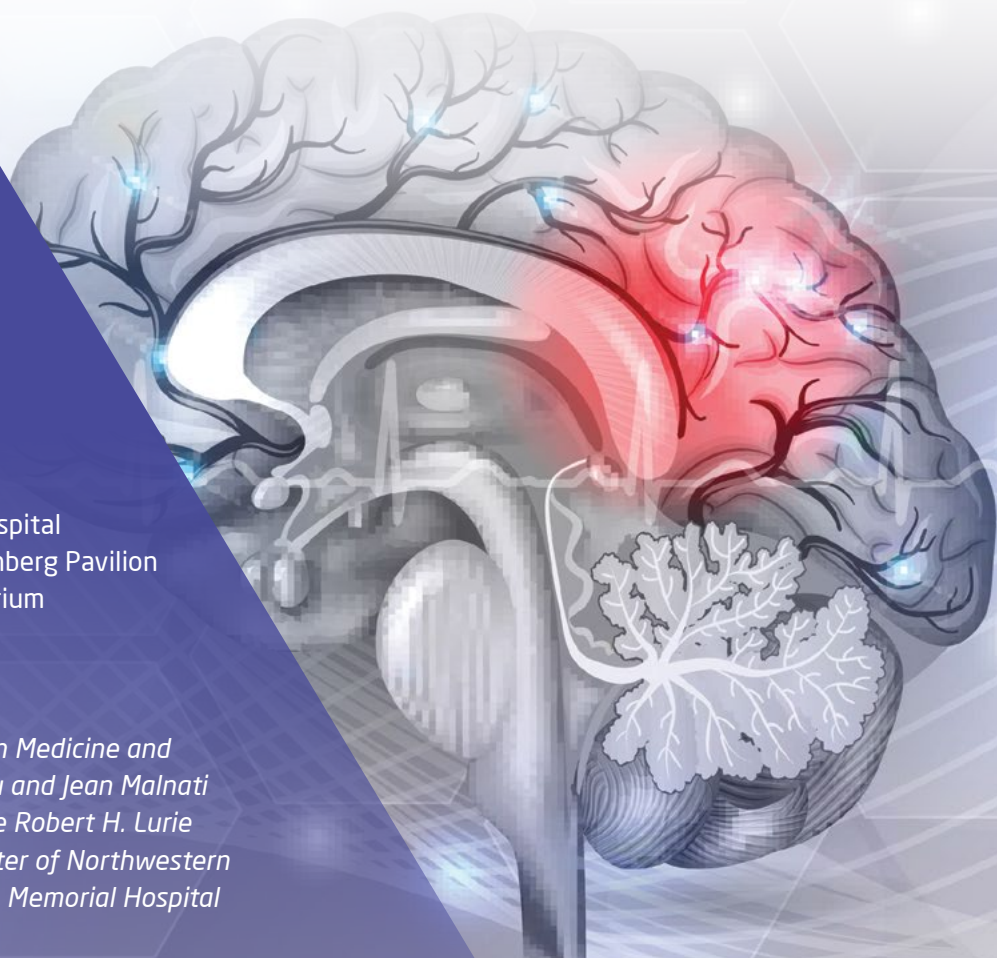
The 2019 Malnati Brain Tumor Institute CME Symposium

Saturday, April 27

Northwestern Memorial Hospital
251 East Huron Street, Feinberg Pavilion
Third Floor, Pritzker Auditorium
Chicago, IL
8:15 am to 2:35 pm

*Sponsored by Northwestern Medicine and
Northwestern Medicine Lou and Jean Malnati
Brain Tumor Institute of the Robert H. Lurie
Comprehensive Cancer Center of Northwestern
University at Northwestern Memorial Hospital*

REGISTER ONLINE: cme.northwestern.edu



The 2019 Malnati Brain Tumor Institute CME Symposium

Course Directors: James P. Chandler, MD, and Roger Stupp, MD

Every year, as many as 200,000 new cases of brain metastases are diagnosed in the United States, and this number is likely growing. The probable reasons for this growth include the increasing median survival of patients with cancer, as well as broader awareness and improved diagnostic techniques that lead to diagnoses of brain and spine tumors that might have previously gone undetected. It is vital that healthcare providers are aware of the latest research and clinical developments in secondary brain tumors, which account for a significant proportion of U.S. cancer deaths each year.

This year's symposium will focus on secondary brain tumors, with sessions on the biology of central nervous system metastases, systemic treatment of brain metastases and whole brain radiotherapy. Speakers will include **Azik Wolf, MD**, Director, Miami Neuroscience Center; **Raymond Sawaya, MD**, Chairman of the Department of Neurosurgery, MD Anderson Cancer Center; Institute co-directors **James P. Chandler, MD**, and **Roger Stupp, MD**; and several other members of the Institute team.

PROGRAM OBJECTIVES

After attending this educational activity, participants should be able to:

- 1) Review the biology of CNS metastases.
- 2) Outline therapeutic treatment options for brain metastases from solid tumors and, in particular, from melanoma, breast cancer and lung cancer.
- 3) Explain the controversy on whole brain radiotherapy: dogma versus facts.
- 4) Outline the most recent developments and data on hippocampus sparing brain radiotherapy.
- 5) Discuss the current data on metastases to the spine and when surgery is indicated.
- 6) Describe the current and future trends in the management of brain metastases.
- 7) Identify new and emerging technologies and applications in radiation oncology.
- 8) Describe the current developments in supportive care as it relates to prolonged life.

For more information, please contact **Sarah Baggs**, Continuing Medical Education Administrator, at Northwestern Memorial HealthCare, at **sbaggs@nm.org**

Saturday, April 27

8:15 am	Breakfast and Registration
8:50 am	Welcome and Introduction <i>James P. Chandler, MD, and Roger Stupp, MD</i>
SESSION I 9:00 am	BIOLOGY OF CNS METASTASES The Microenvironment and Brain Metastases <i>Matt S. Lesniak, MD</i>
SESSION II 9:20 am	SYSTEMIC TREATMENT OF BRAIN METASTASES: THE ONCOLOGIST VIEW How Much Progress has There Been for Melanoma Brain Metastases? <i>Jeffrey A. Sosman, MD</i>
9:30 am	CNS Metastases in Breast Cancer <i>Priya U. Kumthekar, MD</i>
9:40 am	CNS Metastases in Lung Cancer <i>Roger Stupp, MD</i>
9:50 am	Roundtable Discussion and Q&A
10:05 am	Break
SESSION III 10:20 am	CONTROVERSY: WHOLE BRAIN RADIOTHERAPY KEYNOTE LECTURE I How Many is Too Many? SRS Treatment of Brain Metastases - Dogma vs Facts. The MNC Experience. <i>Aizik L. Wolf, MD, Miami Neuroscience Center at Larkin Hospital</i>
11:05 am	Safer Delivery of WBRT for Brain Metastases: From Bench to Bedside to Beam <i>Vinai Gondi, MD</i>
11:25 am	How Cancer Treatments Affect Cognition <i>Rimas V. Lukas, MD</i>
11:45 am	Roundtable Discussion and Q&A
SESSION IV 12:00 pm	METASTASES TO THE SPINE When Surgery is Indicated <i>Jean-Paul Wolinsky, MD</i>
12:20 pm	Lunch
SESSION V 1:10 pm	INOVATION AND FUTURE TRENDS KEYNOTE LECTURE II Current and Future Trends in the Management of Brain Metastasis <i>Raymond Sawaya, MD, MD Anderson Cancer Center</i>
1:50 pm	Discussion
2:05 pm	New and Emerging Technologies and Applications in Radiation Oncology <i>Sean Sachdev, MD</i>
2:20 pm	Supportive Care Prolongs Lives <i>Christina Amidei, APN, PhD, IAAAN</i>
2:35 pm	Closing Comments and Adjournment

Program Course Directors

James P. Chandler, MD

*Co-Director and Surgical Director,
Malnati Brain Tumor Institute of the Lurie Cancer Center of
Northwestern University at Northwestern Memorial Hospital
Lavin/Fates Professor of Neurological Surgery
Northwestern University
Feinberg School of Medicine*

Roger Stupp, MD

*Co-Director and Medical Director,
Malnati Brain Tumor Institute of the Lurie Cancer Center of
Northwestern University at Northwestern Memorial Hospital
Paul C. Bucy Professor of Neurological Surgery
Chief of Neuro-Oncology, Department of Neurology
Professor of Neurological Surgery, Medicine (Hematology/
Oncology) Neurology (Neuro-oncology)
Northwestern University
Feinberg School of Medicine*

Invited Faculty

Aizik L. Wolf, MD

*Director,
Miami Neuroscience Center at Larkin Hospital*

Raymond Sawaya, MD

*Professor and Founding Chairman, Department of Neurosurgery
The Anne C. Brooks & Anthony D. Bullock, III
Distinguished Chair in Neurosurgery
The University of Texas MD Anderson Cancer Center*

Program Faculty

Christina Amidei, APN, PhD, IAAAN

*Director of Clinical Research
Neurological Surgery
Northwestern University
Feinberg School of Medicine*

Vinai Gondi, MD

*Director of Research & Education,
Northwestern Medicine Proton Center
Director of CNS Radiation Oncology
and Gamma Knife,
Northwestern Medicine Cancer
Center Warrenville
Northwestern University
Feinberg School of Medicine*

Priya U. Kumthekar, MD

*Assistant Professor of Neurology
(Neuro-oncology) and
Medicine (Hematology/Oncology)
Northwestern University
Feinberg School of Medicine*

Matt S. Lesniak, MD

*Michael J. Marchese Professor and Chair:
Neurological Surgery Program Leader,
Neuro-Oncology
Robert H. Lurie Comprehensive Cancer
Center of Northwestern University
Northwestern University
Feinberg School of Medicine*

Rimas V. Lukas, MD

*Associate Chief of the
Neuro-Oncology Division
Associate Professor of Neurology
Northwestern University
Feinberg School of Medicine*

Sean Sachdev, MD

*Assistant Professor of
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Feinberg School of Medicine*

Jeffrey A. Sosman, MD

*Co-Leader, Translational Research
in Solid Tumors (TRIST)
Robert H. Lurie Comprehensive Cancer
Center of Northwestern University
Professor of Medicine (Hematology/
Oncology)
Northwestern University
Feinberg School of Medicine*

Jean-Paul Wolinsky, MD

*Professor of Neurosurgery
and Orthopaedic Surgery
Vice Chairman of Neurosurgery -
Strategic Planning and Finance
Director of Spinal Oncology
Department of Neurosurgery
Northwestern University
Feinberg School of Medicine*



Program Location

The program will be held at Northwestern Memorial's Feinberg Pavilion, 251 E. Huron Street, Third Floor, Pritzker Auditorium, Chicago, IL.

Directions and Parking

Please visit nm.org for directions to the conference. We offer discounted parking in the garage just north of the hospital at 222 E. Huron Street. Please bring your parking ticket with you for validation.

Hotel Accommodations

To make a hotel reservation, visit our list of local hotels offering discounted rates for Northwestern Medicine visitors at nm.org. We recommend you make your reservations as soon as possible to ensure accommodations.

Audience

This course is designed for all specialists working in the field of neuro-oncology: neurosurgeons, neurologists, medical oncologists, radiation oncologists, advanced care providers, nurses, nurse practitioners, physician assistants, hospitalists, oncology social workers, pharmacists and allied health professionals.

Registration Fee

The fee is \$60 for physicians and \$40 for trainees, nurses and other healthcare professionals. Breakfast, refreshments and lunch are provided. Space is limited. No refunds will be issued after **April 8**.

Registration Procedure

To register online, please visit cme.northwestern.edu. If paying with check, please mail your check, made payable to **Northwestern Memorial Hospital (CME)**, to the following address, prior to **April 8**.

Sarah Baggs

c/o Northwestern Memorial HealthCare

675 North St. Clair Street, Galter 3-104H
Chicago, IL 60611

Accreditation Statement

The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation Statement

The Northwestern University Feinberg School of Medicine designates this educational activity for a maximum of *4.5 AMA PRA Category 1 Credit(s)™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses

The American Nurses Credentialing Center (ANCC) and the Illinois Department of Financial and Professional Regulation accept *AMA PRA Category 1 Credits™* from organizations accredited by the ACCME for relicensure & recertification requirements. 1 CME credit is equivalent to 1 contact hour. Your certificate of completion, which includes the number of CME credits awarded, is the only documentation required.

Family Attractions

Northwestern Memorial Hospital is located in the heart of Chicago, within walking distance of a variety of restaurants, Navy Pier and the Magnificent Mile, Chicago's premier shopping area. For a listing of all Chicago has to offer, visit

The 2019 Malnati Brain Tumor Institute CME Symposium

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Registration Form

Registration Category

- ☐ Physician.....\$60
☐ Trainee, nurse and other healthcare professional\$40

How to Register

 **ONLINE:** cme.northwestern.edu

 **OR MAIL** with check (*payable to Northwestern Memorial Hospital (CME)*)

Sarah Baggs
c/o Northwestern Memorial HealthCare
675 North St. Clair Street
Galter 3-104H
Chicago, IL 60611

For Questions:

Email: sbaggs@nm.org

Phone: 312-926-7975

Please Type or Print

Last Name _____ First Name _____

☐ Physician ☐ Trainee ☐ Nurse ☐ Other

Institution _____

Address _____

City _____ State _____ ZIP Code _____

E-mail (Required) _____
Your registration confirmation will be e-mailed

Specialty _____

Special Dietary Requirements _____
Advance notification required

Disability Accommodations _____
Please advise us of your needs

How did you hear about our program?

☐ Brochure ☐ E-mail ☐ Website ☐ Word of Mouth ☐ Previous Attendee