Update on the Treatment of Pituitary Diseases

EMERGING THERAPIES

This course aims to improve patient care and outcomes through evidence-based discussion of clinical practice guidelines and emerging therapies in order to assess and update current practices to promote earlier diagnosis and treatment of pituitary diseases. The multidisciplinary nature of the course will allow for dissemination of knowledge across the variety of practitioners caring for pituitary patients, and for the patients themselves.

After completion of this didactic and case-based educational activity, participants will be up to date on the latest developments in ongoing basic and translational science as well as the clinical management of patients with pituitary conditions. Participants will be able to review available and emerging medical therapies for Cushing's and acromegaly, discuss new therapies for aggressive and malignant tumors, understand decision making involved in surgical intervention for pituitary tumors, get an overview on potential surgical complications, describe the role of radiation therapy for pituitary tumors, review neuro-ophthalmological findings in pituitary disease risks, discuss treatment of immunotherapy-related pituitary dysfunction, and assess advances in neuroimaging and tumor markers that may predict tumor behavior and clinical outcomes.

Educational Objectives

- Review the efficacy and side effect profiles of treatment options, including emerging therapies, for Cushing’s and acromegaly
- Discuss surgical outcomes and risk management for pituitary and skull base tumors
- Describe recent advances in pituitary neuropathology and neuroimaging
- Critically appraise the role of radiation therapy in the management of pituitary tumors
- Debate treatment decisions supporting the use and timing of new therapies for aggressive and malignant pituitary tumors

Patient Breakout Sessions

Pituitary patients will be able to review treatment options, learn about ongoing clinical trials, and discuss their comprehensive care with providers and other patients. The educational objective of this patient session is to provide a forum for pituitary patients to discuss treatment options and new therapies with providers and other patients.

MSK is pleased to invite patients and caregivers to attend this course on a complimentary basis. If you are a patient or caregiver interested in attending, please email cme@mskcc.org to register (please note that registration is required in order to attend).

Please note AMA PRA Category 1 Credits™ will not be offered for the Patient Breakout Session.

Endorsed by the Pituitary Network Association (PNA) and Cushing’s Support & Research Foundation (CSRF).

Live Simulcast Available!
Visit mskcc.org/PituitaryCourse for more information.
Please note the simulcast will only be offered for the Provider/Clinical Track.

Target Audience

This course is intended for endocrinologists, neurosurgeons, otolaryngologists, radiation oncologists, neurologists, ophthalmologists, neuro-oncologists, family medicine and internal medicine physicians, physicians in training and other allied health professionals who treat and manage patients with pituitary diseases. We also invite patients with pituitary disease and their caregivers to attend this educational activity and participate in our interactive afternoon breakout sessions.
## Course Faculty

### MSK Course Directors

<table>
<thead>
<tr>
<th>Image</th>
<th>Name</th>
<th>Title and Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viviane Tabar, MD</td>
<td>Chair, Department of Neurosurgery, Theresa Feng Chair in Neurosurgical Oncology, Department of Neurosurgery</td>
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<tr>
<td>Eliza B. Geer, MD</td>
<td>Medical Director, Pituitary &amp; Skull Base Tumor Center, Associate Attending Endocrinology Service, Department of Medicine</td>
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<tr>
<td>Marc A. Cohen, MD, MPH</td>
<td>Surgical Director, Pituitary &amp; Skull Base Tumor Center, Associate Attending Head and Neck Service, Department of Surgery</td>
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### Invited Keynote Speaker

Shlomo Melmed, MB, ChB  
Executive Vice President of Academic Affairs, Dean of the Medical Faculty and Professor of Medicine, Cedars-Sinai Medical Center

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<tr>
<td>Sasan Karimi, MD</td>
<td>Director, MSKCC 55th Street Radiology, Associate Attending, Neuroradiology Service, Department of Radiology</td>
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<tr>
<td>Andrew Lin, MD</td>
<td>Assistant Attending, Brain Tumor Service, Department of Neurology</td>
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<tr>
<td>Jenna Longo, BSN, RN</td>
<td>Department Of Nursing, Outpatient Division, Office Practice Nurse, Neuroendocrinology Service, Department of Radiology</td>
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<tr>
<td>Marc K. Rosenblum, MD</td>
<td>Chief, Autopsy Service, Department of Pathology</td>
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### Invited Patient Speakers

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<tr>
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<tr>
<td>Terri Leno</td>
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<td>Mike Scalise</td>
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## Course Schedule

### Location: Auditorium

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:30 AM</td>
<td>Registration &amp; Breakfast</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>Welcome &amp; Introduction</td>
</tr>
<tr>
<td>9:05 AM</td>
<td>Evolution of Skull Base Surgery</td>
</tr>
<tr>
<td>9:30 AM</td>
<td>Neurosurgical Complications and Expectations</td>
</tr>
<tr>
<td>9:55 AM</td>
<td>Recent Advances in Medical Therapy for Cushing’s and Ongoing Clinical Trials</td>
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<tr>
<td>10:15 AM</td>
<td>The Role of Radiation Therapy in the Management of Pituitary Tumors</td>
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<tr>
<td>10:30 AM</td>
<td>Break</td>
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<tr>
<td>10:45 AM</td>
<td>Introduction of Keynote Speaker</td>
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<tr>
<td>10:50 AM</td>
<td>Keynote Speaker</td>
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<tr>
<td>11:45 AM</td>
<td>Recent Advances in Pituitary Pathology and Tumor Markers</td>
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<tr>
<td>12:05 PM</td>
<td>Treatment of Aggressive and Metastatic Pituitary Tumors</td>
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<tr>
<td>12:20 PM</td>
<td>Advances in Localization of ACTH Tumors</td>
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<tr>
<td>12:35 PM</td>
<td>Q&amp;A</td>
</tr>
<tr>
<td>12:45 PM</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:30 PM</td>
<td>Breakout Sessions</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>Break</td>
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</tbody>
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### Breakout Sessions - Provider/Clinical Track

**Location: Auditorium**

**Tumor Board:** Participants and Faculty will Review Cases*  
Viviane Tabar, MD  
Eliza B. Geer, MD  
Shlomo Melmed, MB, ChB  
Andrew Lin, MD  
Sasan Karimi, MD  

*Request for Case Submissions - Attendees will have an opportunity to submit a case for discussion during this breakout session. Additional details are available on our website: mskcc.org/PituitaryCourse

### Breakout Sessions - Patient Track

**Location: Room 136**

**Patient Stories & Discussions**  
Pituitary Tumor and Acromegaly  
PHA MODERATORS: Carol Knudsen & Jessica Diller Kovler AM, MA, PhDc  
PATIENT SPEAKER: Mike Scalise

**Cushing’s Syndrome**  
Location: Room 105  
CRF MODERATOR: Leslie Edwin  
PATIENT SPEAKERS: Terri Leno & Patricia Ferreira

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Course Schedule Cont.

Breakout Sessions

Provider/Clinical Track | Location: Auditorium
3:15 PM  Immunotherapy-induced Hypophysitis
Monica Girotra, MD

3:40 PM  Neuroophthalmology Findings in Pituitary Disease
Marc J. Dinkin, MD

4:05 PM  Techniques and Advances in Neuroimaging of Sellar Lesions
Sasan Karimi, MD

Patient Track | Location: Room 105
3:15 PM  Nursing Talk for Patients on Comprehensive and Multidisciplinary Care
Janine Bernard, BSN, RN
Daniela Bonvicini MSN, RN, CCRN
Jenna Longo BSN, RN

3:30 PM  Moderated Session for Patients' Discussion
Carol Knudsen
Jessica Diller Kovler AM, MA, PhD
Leslie Edwin

4:00 PM  Q&A with Eliza B. Geer, MD

4:30 PM  Adjourn

Networking Reception
Attendees are invited to join the course faculty for a networking reception from 4:30 PM to 5:30 PM in the lobby of Zuckerman Research Center

Registration Details

<table>
<thead>
<tr>
<th>REGISTRATION FEES</th>
<th>EARLY*</th>
<th>GENERAL</th>
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<tbody>
<tr>
<td>Physicians (MD, DO, MBBS or equivalent)</td>
<td>$150</td>
<td>$200</td>
</tr>
<tr>
<td>Advanced Practice Practitioners, Fellows, Residents and Other Healthcare Professionals</td>
<td>$100</td>
<td>$150</td>
</tr>
<tr>
<td>Industry Professionals**</td>
<td>$300</td>
<td>$350</td>
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*Early registration expires February 15, 2019.
**Industry professionals may attend MSK CME activities for their own education. Marketing, sales, and promotion of products and services is strictly prohibited at MSK CME activities.

Register Online:
mskcc.org/PituitaryCourse

Course registration includes continental breakfast, lunch, and refreshment breaks. Please contact cme@mskcc.org at least one week prior to the course if you have any special dietary requests or require any specific accommodations.

- MSK is pleased to invite patients and caregivers to attend this course on a complimentary basis. If you are a patient or caregiver interested in attending, email cme@mskcc.org to register (please note that registration is required).

- MSK CME offers a 30% discounted rate for MSK Alumni, MSK Cancer Alliance and Cancer Care Partners. If you are a member of one of these groups, please contact cme@mskcc.org for more information.

- MSK employee registration is complimentary. However, you must complete course registration in order to attend this course.

Accreditation
Memorial Sloan Kettering Cancer Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

AMA Credit Designation Statement
Memorial Sloan Kettering Cancer Center designates this live activity for a maximum of 6.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Faculty Disclosure
It is the policy of MSK to make every effort to insure balance, independence, objectivity, and scientific rigor in all continuing medical education activities which it provides as an ACCME accredited provider. In accordance with ACCME guidelines and standards, all faculty participating in an activity provided by MSK are expected to disclose any significant financial interest or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services which are discussed by the faculty members in an educational presentation. As required by the ACCME, when an unlabeled use of a commercial product or an investigational use not yet approved for any purpose is discussed during an educational activity, MSK requires the speaker to disclose that the product is not labeled for the use under discussion or that the product is still investigational.

Symposium Location
Zuckerman Research Center
417 East 68th Street
New York, NY

For information on hotels in the vicinity of MSK with discounted rates, please visit: mskcc.org/cme.