

2021 • VIRTUAL

The Memorial Sloan Kettering Multidisciplinary Pituitary and Skull Base Tumor Center presents:

Update on the Treatment of Pituitary Tumors

FRIDAY, NOVEMBER 5, 2021

FEATURING

Discussion of Aggressive Pituitary Tumors & Hypophysitis
Update on Secretory Tumors
Integrative Medicine Treatments
Request for Cases
Patient Sessions

GUEST SPEAKERS

Gérald Raverot, MD, PhD

Hospices Civils of Lyon -
Lyon I University

Isabella Lupi, MD PhD

Pisa University Hospital



Memorial Sloan Kettering
Cancer Center



Overview

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 mechanisms and new therapies for aggressive and malignant tumors
- Understand decision making involved in surgical interventions for pituitary tumors
- Get an overview on potential surgical complications
- Describe the role of radiation therapy for pituitary tumors
- Discuss Integrative therapies and use of patient reported outcomes for pituitary patients
- Discuss mechanisms and treatment of immunotherapy-induced hypophysitis
- Assess advances in neuroimaging and tumor markers that may predict tumor behavior and clinical outcomes

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



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WHO SHOULD ATTEND

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.

AFTERNOON BREAKOUT SESSIONS

Provider/Clinical Track

Request for Case Submissions: There will be a tumor board during the provider/clinical breakout session where attendees and faculty will review cases. Attendees will have an opportunity to submit a case for discussion during the course at registration. In order to prepare your submission, we ask that you provide a BRIEF summary of your case and include key lab results. Please ensure that all identifiable PHI has been removed. Cases should have an educational purpose.

Patient Track

We invite patients with pituitary disease and their caregivers to attend this educational activity on a **complimentary basis** and participate in our interactive afternoon 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 COURSE DIRECTORS



Viviane Tabar, MD

Director, Pituitary & Skull Base Tumor Center
Theresa Feng Chair in Neurosurgical Oncology
Chair, Department of Neurosurgery



Eliza B. Geer, MD

Medical Director, Pituitary & Skull Base Tumor Center
Associate Attending
Endocrinology Service
Department of Medicine



Marc A. Cohen, MD, MPH

Surgical Director, Pituitary & Skull Base Tumor Center
Associate Attending
Head and Neck Service
Department of Surgery

INVITED COURSE FACULTY

Isabella Lupi, MD PhD

Endocrinology Unit
Pisa University Hospital
Pisa, Italy

Professor Gérald Raverot, MD, PhD

Hospices Civils of Lyon - Lyon I University
Lyon, France

FACULTY DISCLOSURE

It is the policy of MSK to make every effort to ensure 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.

MSK COURSE FACULTY

Kathryn Beal, MD

Associate Attending
External Beam Radiotherapy Service
Brachytherapy Service
Department of Radiation Oncology

Janine Bernard, BSN, RN

Department of Nursing,
Outpatient Division
Office Practice Nurse, Endocrinology

Daniela Bonvicini, MSN, RN CCRN

Department of Nursing,
Outpatient Division
Office Practice Nurse,
Head & Neck Surgery

Monica Girotra, MD

Associate Attending
Endocrinology Service
Department of Medicine

Sasan Karimi, MD

Director, MSKCC 55th Street Radiology
Associate Attending
Neuroradiology Service
Department of Radiology

Andrew Lin, MD

Assistant Attending
Brain Tumor Service
Department of Neurology

Jenna Longo, BSN, RN

Department Of Nursing,
Outpatient Division
Office Practice Nurse, Neurosurgery
Nurse coordinator,
Pituitary & Skull Base Tumor Center

Jun Mao, MD, MSCE

Chief, Integrative Medicine Service

Marc K. Rosenblum, MD

Chief, Neuropathology

PATIENT TRACK MODERATORS

Leslie Edwin

President
Cushing's Support & Research
Foundation

Jill Sisco

President
Acromegaly Community


Jessica Divanno, NP

Nurse Practitioner
Memorial Sloan Kettering Cancer Center

THIS EDUCATIONAL ACTIVITY IS ENDORSED BY
Cushing's Support & Research Foundation (CSRF)
Acromegaly Community

Morning Sessions

(All Attendees/Tracks)

8:45 AM	VIRTUAL COURSE CHECK-IN
9:00 AM	Introduction and Welcome Viviane Tabar, MD SESSION I • Patient Reported Outcomes
9:05 AM	Neurosurgical Complications and Expectations Viviane Tabar, MD
9:25 AM	Advances and Outcomes in Skull Base Surgery Marc A. Cohen, MD, MPH
9:45 AM	BREAK
9:55 AM	New Therapies and Clinical trials for Cushing's and Acromegaly Eliza B. Geer, MD
10:15 AM	Integrative Therapies and Use of Patient Reported Outcomes for Pituitary Jun Mao, MD, MSCE
10:30 AM	Q&A with Faculty MODERATOR: Viviane Tabar, MD Marc A. Cohen, MD, MPH Jun Mao, MD, MSCE Eliza B. Geer, MD Viviane Tabar, MD
10:45 AM	BREAK
	SESSION II • Aggressive Tumors
10:55 AM	Keynote Speaker Introduction Eliza B. Geer, MD
11:00 AM	 Keynote Address Pathogenesis and Management of Aggressive Pituitary Tumors Professor Gérald Raverot, MD, PhD
11:30 AM	Radiation Therapy Methods Kathryn Beal, MD
11:45 AM	New Therapies and Clinical Trials for Aggressive Pituitary Tumors Andrew Lin, MD
12:05 PM	Q&A with Faculty MODERATOR: Eliza B. Geer, MD Kathryn Beal, MD Andrew Lin, MD, Professor Gérald Raverot, MD, PhD
12:15 PM	LUNCH BREAK

Provider Track:
Optional Meet and Greet with Faculty

12:20-12:50 PM

Marc A. Cohen, MD, MPH, Eliza B. Geer, MD,
 and Viviane Tabar, MD

*Limited to 25 Attendees - Sign Up During Course Registration

Provider Track

1:00 PM	Tumor Board: Participants and Faculty will Review Submitted Cases* Kathryn Beal, MD Marc A. Cohen, MD, MPH Eliza B. Geer, MD Sasan Karimi, MD Andrew Lin, MD Professor Gérald Raverot, MD, PhD Marc K. Rosenblum, MD Viviane Tabar, MD *Attendees can submit cases to be reviewed at course registration.
2:30 PM	BREAK
	SESSION III • Hypophysitis
2:45 PM	Introduction of Speakers Eliza B. Geer, MD
2:50 PM	Mechanisms of Immunotherapy-Induced Hypophysitis Isabella Lupi, MD PhD
3:20 PM	Clinical Aspects and Management of Hypophysitis Monica Girotra, MD
3:40 PM	Q&A with Faculty MODERATOR: Marc A. Cohen, MD, MPH Monica Girotra, MD Isabella Lupi, MD PhD
3:55 PM	Closing Remarks Marc A. Cohen, MD, MPH
4:05 PM	ADJOURN

Patient/Caregiver Track

1:00 PM	Patient Stories and Discussions Attendees can select one of the following breakouts during registration: Cushing's Patients Leslie Edwin (CSRF) Acromegaly Patients Jill Sisco (Acromegaly Community) Pituitary Support Group and Memorial Sloan Kettering's (MSK) Pituitary Survivorship Program Jessica Divanno, NP
2:30 PM	BREAK
2:45 PM	Nursing Talk for Patients on Comprehensive and Multidisciplinary Care Janine Bernard, BSN, RN Daniela Bonvicini, MSN, RN CCRN Jenna Longo BSN, RN
3:00 PM	Moderated Session for Patients' Discussion Jessica Divanno, NP Leslie Edwin Jenna Longo BSN, RN Jill Sisco
3:45 PM	BREAK
4:00 PM	Q&A Session with Viviane Tabar, MD, Eliza B. Geer, MD, and Marc A. Cohen, MD, MPH
4:30 PM	ADJOURN

OBJECTIVES

- (1) Summarize ongoing clinical trials and emerging therapies for the treatment of Cushing's and acromegaly
- (2) Discuss surgical outcomes, complications and risk management for pituitary and skull base tumors
- (3) Evaluate endoscopic surgery with the use of patient reported outcomes
- (4) Discuss integrative therapies and use of patient reported outcomes for pituitary patients
- (5) Present recent data on mechanisms and biomarkers for the development of aggressive and malignant pituitary tumors
- (6) Debate treatment decisions supporting the use and timing of new therapies for aggressive and malignant pituitary tumors
- (7) Review mechanisms, diagnosis and treatment of immunotherapy-induced hypophysitis

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 **5.50 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ABIM MOC Recognition Statement

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to **5.50 Medical Knowledge MOC points** in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

*AMA PRA Category 1 Credits™ and ABIM MOC points will not be offered for the afternoon patient track from 1:00-4:30 PM.



Register online:

mskcc.org/pituitarycourse

Virtual Registration Fees

Physicians (MDs, PhDs and DOs)	\$150
Residents, Fellows, Advanced Practice Providers, Nurses, and Other Healthcare Providers	\$100
Industry Professionals*	\$265

*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.

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** (registration is required).

Registration Discounts

- A registration discount is available for **MSK Alumni, MSK Cancer Alliance, and Cancer Care Partners** to attend a MSK CME course. If you are a member of one of these groups, contact cme@mskcc.org for details.
- Registration is complimentary for all **MSK employees**; however, you must complete registration in order to attend this course. If you are registered for this course and are unable to attend, please notify cme@mskcc.org.

Please note that after your payment has been processed, no further promotional discount adjustments will be made to your registration.

Cancellation Policy

For all other registrations: If you wish to cancel your participation in this course, you must email cme@mskcc.org at least seven (7) days prior to the start of the course, and your refund will be subject to a \$25 administrative fee. Cancellations or no-shows within seven (7) days of the course are not eligible for a refund. Please note that if it has been more than 120 days since payment was processed, a W9 form must be submitted in order process your refund and your refund will be issued in the form of a check payment. Refunds are not subject to tax. You may substitute another registrant in your place at any time by contacting cme@mskcc.org with the appropriate information.

MSK CME reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event we must cancel or postpone this course, you will be notified via email from MSK CME. A full refund will be issued for your registration. MSK CME is not responsible for any related costs, charges, or expenses to participants, including fees incurred by airline/travel/lodging agencies.



The Multidisciplinary Pituitary and Skull Base Tumor Center at Memorial Sloan Kettering Cancer Center brings together doctors from a range of specialties to provide world-class, comprehensive care to patients who have been diagnosed with pituitary, parasellar, paranasal sinus, and other skull base tumors.

We offer a complete array of approaches for treating skull base tumors. When surgery is necessary, we use minimally invasive techniques whenever possible. We perform total tumor removal when appropriate while preserving normal tissue and optimizing quality of life.

We are one of very few centers in the world that offers intraoperative MRI imaging for every pituitary and skull base tumor surgery. This technology enables our surgeons to view real-time images of a tumor during a procedure, making for a safer and more-effective operation. It also enables us to image patients after a procedure is completed to ensure complete tumor removal while patients are still under anesthesia.

mskcc.org/departments/neurosurgery/pituitary-skull-base-tumor



**Memorial Sloan Kettering
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The **Cushing's Support and Research Foundation (CSRf)** was founded in 1995 to provide information and support to Cushing's patients and their families. The Foundation was incorporated in the state of Massachusetts as a non-profit, 501(c)3 organization and is an Associate Member of NORD, the National Organization for Rare Disorders. The CSRf has a Medical Advisory Board consisting of very experienced surgeons and endocrinologists who are world renowned for their expertise on Cushing's. The CSRf is primarily funded by memberships and personal donations. The CSRf maintains a database of many present and past Cushing's patients willing to support others.

csrf.net



The mission of the **Acromegaly Community** is to provide an emotional and communal support network for people touched by Acromegaly. We offer a central location for medical information on issues including: surgery, medication, radiation, and post diagnosis support. Most importantly, we work to provide a network of emotional support for our Acromegaly patients, their friends and their family.

Since 2009, the Acromegaly Community has been compiling a list of trusted Endocrinologists, Neurosurgeons, Neurologists, Psychiatrists, Otolaryngologists, Pain Specialists, Family Practitioners, etc. from all around the world for you and your family to reach out.

acromegalycommunity.org



Join the conversation with **#MSKCME**
using the course hashtag:

#MSKpituitaryCME



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mskcc.org/pituitarycourse