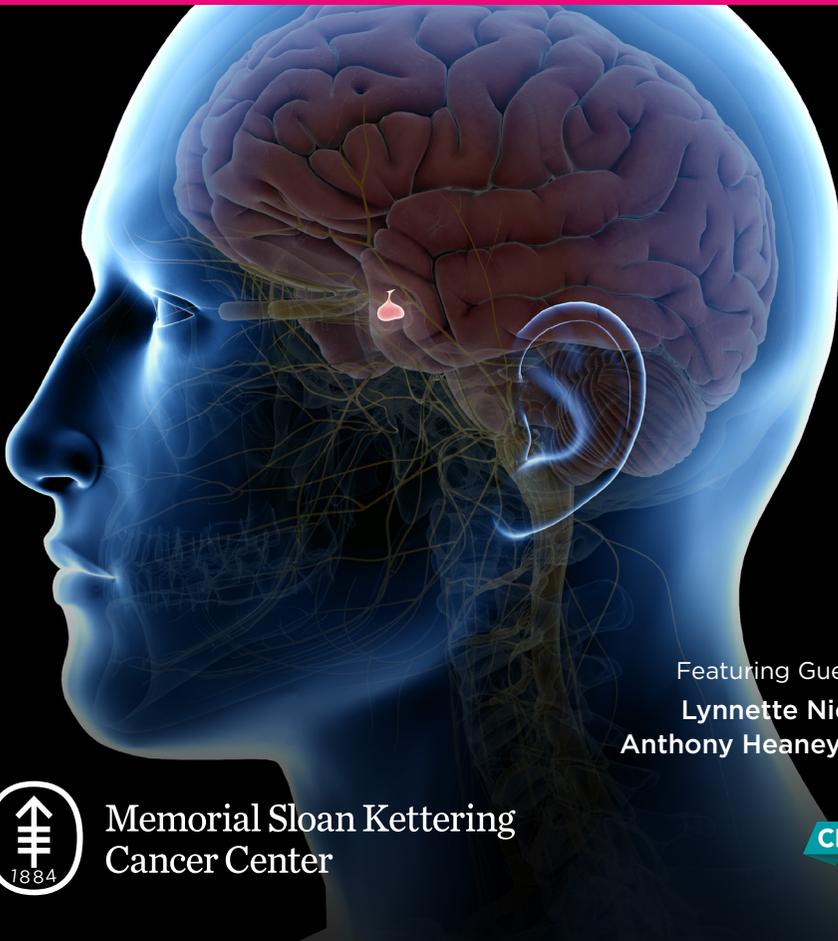


The MSK Multidisciplinary Pituitary & Skull Base Tumor Center presents:

# 2020 Update on the Treatment of Pituitary Tumors

## EMERGING THERAPIES

LIVE VIRTUAL EXPERIENCE  
SATURDAY, DECEMBER 5, 2020



Featuring Guest Faculty:  
**Lynnette Nieman, MD**  
**Anthony Heaney, MD, PhD**



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 new mechanisms and 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
- Discuss mechanisms of immunotherapy-related pituitary dysfunction
- 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 dissemination of knowledge across the variety of practitioners caring for pituitary patients, and for the patients themselves.

We are excited to announce that this course will be delivered as a live virtual experience. All sessions presented on December 5, 2020 will be recorded and made available to attendees for viewing after the course. CME and ABIM MOC credit will be offered for this course and a certificate will be available after a post-course evaluation.

This live virtual course will be delivered using Zoom. We encourage all attendees to download the Zoom app prior to the start of the course ([zoom.us/download](https://zoom.us/download)). Additional access details will be emailed to all attendees before the course.

## 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. The course faculty will not be able to provide a detailed/complex consult review during the course and they will try to get through as many cases as possible.

## Patient Track

We also invite patients with pituitary disease and their caregivers to attend this educational activity 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. Please note *AMA PRA Category 1 Credits™* will not be offered for the Patient Breakout Session.

**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](mailto:cme@mskcc.org) to register** (registration is required in order to attend).

## 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.

ENDORSED BY

Pituitary Network Association (PNA)  
Cushing's Support & Research Foundation (CSRF)  
Acromegaly Community

## 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

### **Multidisciplinary Pituitary & Skull Base Tumor Center**

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.



**Memorial Sloan Kettering  
Cancer Center**

## Invited Keynote Speaker



### **Lynnette Nieman, MD**

Senior Investigator  
Chief, Endocrinology Consultation Service  
National Institutes of Health  
Bethesda, MD

## Invited Course Faculty



### **Anthony P Heaney, MD, PhD**

Professor of Medicine  
Burnett Family Endowed Chair in Neuroendocrinology  
Co-Chief, Division of Endocrinology  
UCLA Medical Center  
Los Angeles, CA

## 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

### **Sasan Karimi, MD**

Director, MSK 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 J. Mao, MD, MSCE**

Laurance S. Rockefeller Chair in Integrative Medicine  
Chief, Integrative Medicine Service

### **Marc Rosenblum, MD**

Director, Neuropathology  
Founder's Chair  
Department of Pathology

## Patient Track Moderators

### **Jessica Diller Kovler, AM, MA, PhD**

Board Member  
Pituitary Network Association

### **Leslie Edwin**

President  
Cushing's Support & Research Foundation

### **Jackie Hubbard**

Executive Director  
Pituitary Network Association

### **Jill Sisco**

President  
Acromegaly Community

## Invited Patient Speakers

### **Lori Pulver, PT, MSPT, COS-C**

### **Scot "Froggy" Langley**

### **Nicole "Nina" Foster**

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.

# MORNING SESSION

## All Attendees/Tracks

8:45 AM VIRTUAL COURSE CHECK-IN

MODERATOR: Viviane Tabar, MD

9:00 AM **Introduction and Welcome**

Viviane Tabar, MD

9:05 AM **Neurosurgical Complications and Expectations**

Viviane Tabar, MD

9:25 AM **Surgical Highlights**

Marc A. Cohen, MD, MPH

9:45 AM BREAK

9:55 AM **Role of Radiation Therapy in the Management of Pituitary Tumors**

Kathryn Beal, MD

10:15 AM **Recent Advances in Pituitary Pathology and Tumor Markers**

Marc Rosenblum, MD

10:30 AM **Q&A with Drs. Tabar, Cohen, Beal, Rosenblum**

10:45 AM BREAK

MODERATOR: Eliza B. Geer, MD

### Keynote Address

10:55 AM **Keynote Speaker Introduction**

Eliza B. Geer, MD

11:00 AM



**Clinical Pearls for the Diagnosis and Differential Diagnosis of Cushing's Syndrome**

Lynnette Nieman, MD

11:30 AM **Update on Clinical Trials for Cushing's and Acromegaly**

Eliza B. Geer, MD

11:50 AM **Q&A with Drs. Geer and Nieman**

12:05 PM LUNCH BREAK

**PROVIDER TRACK:**  
**Optional Meet and Greet with Faculty\***  
**12:15-12:45 PM**

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

\*Limited to 25 Attendees - Sign Up During Course Registration

# AFTERNOON BREAKOUTS

## Provider/Clinical Track

MODERATOR: Viviane Tabar, MD

- 1:00 PM **Tumor Board: Participants and Faculty will Review Cases**  
Marc A. Cohen, MD, MPH      Andrew Lin, MD  
Eliza B. Geer, MD      Anthony Heaney, MD, PhD  
Sasan Karimi, MD      Lynnette Nieman, MD  
Marc Rosenblum, MD      Kathryn Beal, MD
- 2:30 PM BREAK

MODERATOR: Marc A. Cohen, MD, MPH

- 2:45 PM **Invited Course Faculty Introduction**  
Eliza B. Geer, MD
- 2:50 PM **Update on Aggressive Pituitary Tumors**  
Anthony Heaney, MD, PhD
- 3:15 PM **Update on Immunotherapy for Aggressive Pituitary Tumors**  
Andrew Lin, MD
- 3:40 PM **Q&A with Drs. Heaney and Lin**
- 3:55 PM **Closing Remarks**  
Marc A. Cohen, MD, MPH
- 4:00 PM ADJOURN

## Patient Track

- 1:00 PM **Patient Stories & Discussions**  
**Cushing's Patients**  
Leslie Edwin and Lori Pulver PT, MSPT, COS-C  
**Acromegaly Patients**  
Jill Sisco, Scot "Froggy" Langley, and Nicole "Nina" Foster  
**Nonfunctioning and Prolactinoma Patients**  
Jessica Diller Kovler, AM, MA, PhD and Jackie Hubbard
- 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 **Integrative Medicine & Wellness for Pituitary Patients**  
Jun J. Mao, MD, MSCE
- 3:15 PM **Moderated Session for Patients' Discussion**  
Jessica Diller Kovler, AM, MA, PhD (PNA)  
Leslie Edwin (CSRF)  
Jill Sisco (Acromegaly Community)
- 3:45 PM ADJOURN

**PATIENT TRACK:**  
**Optional Meet and Greet with Faculty**  
**4:00-4:30 PM**

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

REGISTER ONLINE:  
**mskcc.org/pituitarycourse**

Virtual Registration Fees	Early*	General
Physicians (MDs, PhDs and DOs)	<b>\$100</b>	<b>\$150</b>
Residents, Fellows, Advanced Practice Providers, Nurses and Other Healthcare Providers	<b>\$75</b>	<b>\$100</b>
Industry Professionals**	<b>n/a</b>	<b>\$265</b>

\*Early rates expires **October 9, 2020**. Apply promotion code **20EUTP** at registration.

\*\*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](mailto:cme@mskcc.org) to register (please note that registration is required).

**MSK Alumni, MSK Cancer Alliance and Cancer Care Partner discounts available.** Please contact [cme@mskcc.org](mailto:cme@mskcc.org) for more information or a promotion code.

**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 **5.25 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 **5.25 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.

### ANCC CNE Statement

Memorial Sloan Kettering Cancer Center–Nursing Professional Development /Continuing Education is accredited with distinction as a provider of nursing continuing professional development (NCPD) by the American Nurses Credentialing Center's Commission on Accreditation.

**6.5 NCPD credits** will be awarded to participants who attend the program in its entirety and complete a program evaluation. Partial credit not awarded.



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*The program was well organized and great topics! I learned a lot!*

*Excellent program, very informative and helpful insights in managing patients with pituitary tumors; excellent speakers, specifically appreciated the panel case discussions.*

*Well done program and I will make it a points to attend as much as I can.*

*I see about 100 pituitary tumor patients a year and operate on about 10-15 a year, so this course was very relevant to my practice.*

*I was deeply touched by the speakers and literature that was presented.*

*As the spouse of a patient, I appreciated the clearness of the explanations in the morning lectures... and very much appreciated explanations of how medical therapies for Cushing's work.*

- 2019 attendee feedback

# 2020 Update on the Treatment of Pituitary Tumors

EMERGING THERAPIES



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