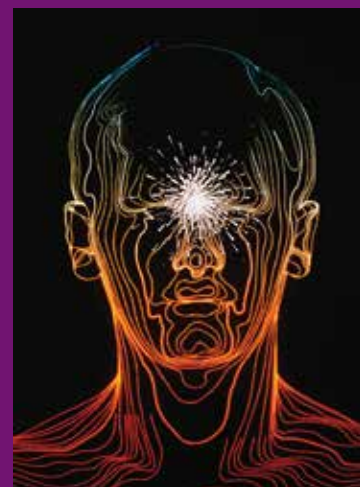


# Contemporary Issues in Pituitary Disease: 14th Annual Symposium

**Friday, April 5, 2019**

Cleveland Clinic Main Campus • Lerner Research Institute • Cleveland, OH



## Overview

Innovations and advances in the field of pituitary disease — including evaluation, diagnosis, treatment, and prevention — continue to occur at a rapid pace, challenging both specialists and generalists to stay abreast of the data and their implications for clinical practice. This one-day program will include didactic and case-based talks and panel discussions by some of the finest experts in this field.

## Who Should Attend?

Endocrinologists, neurosurgeons, family medicine, internal medicine physicians and other allied health professionals who treat and manage patients with pituitary disease.

## Learning Objectives

After completing this educational activity, participants will be able to do the following:

- Compare the efficacy and side effect profiles of surgery and radiation therapy for craniopharyngioma and discuss their best use in specific patient populations.
- Identify the various sodium metabolism disorders and management strategies, especially for diabetes insipidus.
- Summarize the endocrine affects associated with surgical removal of a craniopharyngioma.
- Describe the indications, risks, and benefits of hormone replacement therapies for hypopituitarism.
- Identify the MRI technologies, appropriate protocols for a pituitary MRI, and systematic approaches to identifying abnormal structures on the MRI.

## Cleveland Clinic Conference Directors

### Laurence Kennedy, MD, FRCP

Chairman, Department of Endocrinology, Diabetes and Metabolism  
Endocrinology & Metabolism Institute

### Pablo Recinos, MD

Section Head, Minimally Invasive Skull Base Neurosurgery  
Rose Ella Burkhardt Brain Tumor and Neuro-Oncology Center  
Neurological Institute

## Guest Speakers

### Georgiana Dobri, MD

Assistant Professor of Neuroendocrinology in Neurological Surgery  
Neuroendocrinologist  
Weill Cornell Medicine, New York, NY

### Joseph Verbalis, MD

Professor of Medicine and Division Chief of Endocrinology  
Division of Endocrinology and Metabolism, Department of Medicine  
Director, Georgetown Clinical Research Center  
Georgetown University, Washington, DC

## Cleveland Clinic Faculty

### Rami Alrezk, MD

Endocrinology, Diabetes and  
Metabolism

### Betul Hatipoglu, MD

Endocrinology, Diabetes and  
Metabolism

### Christopher Karakasis, MD

Diagnostic Radiology

### Lima Lawrence, MD

Endocrinology, Diabetes and  
Metabolism

### Vicente San Martin Montenegro, MD

Endocrinology, Diabetes and  
Metabolism

### John Suh, MD, FASTO, FACR

Radiation Oncology

### Divya Yogi-Morren, MD

Endocrinology, Diabetes and  
Metabolism, Center for Specialized  
Women's Health

### Keren Zhou, MD

Endocrinology, Diabetes and Metabolism

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### **Session 1** Moderator: *Pablo Recinos*

0700 **Registration/Continental Breakfast/Exhibits**

0755 **Welcome and Introduction**  
*Laurence Kennedy*

0800 **Reading the Pituitary MRI**  
*Christopher Karakasis*

0840 **Surgical Management of Craniopharyngioma**  
*Pablo Recinos*

0920 **Advances in Radiation Therapy for Craniopharyngioma**  
*John Suh*

1000 **Panel Discussion**

1015 **Refreshment Break/Exhibits**

### **Session 2** Moderator: *Laurence Kennedy*

1030 **Diabetes Insipidus and Other Disorders of Sodium Metabolism**  
*Joseph Verbalis*

1130 **Endocrine Outcomes After Craniopharyngioma Surgery**  
*Georgiana Dobri*

1230 **Panel Discussion**

1245 **Lunch/Exhibits**

### **Session 3** Moderator: *Betul Hatipoglu*

1330 **Hypopituitarism: an Evidence-based Approach on Management and Long-term Outcomes**  
*Divya Yogi-Morren*

1400 **Clinical Trials in Acromegaly and Cushing Syndrome**  
*Laurence Kennedy*

1430 **Review of Tests for Growth Hormone**  
*Betul Hatipoglu*

1500 **Panel Discussion**

1515 **Refreshment Break/Exhibits**

### **Session 4** Moderator: *Laurence Kennedy*

1545 **Adrenal Suppression and Secondary Adrenal Insufficiency**  
*Rami Alrezk*

1615 **Interesting Cases**  
*Georgiana Dobri, Pablo Recinos, Joseph Verbalis*

1700 **Adjourn**

## General Information

### Location

Cleveland Clinic Main Campus  
Lerner Research Institute, 5th floor  
Cleveland, OH 44195

### Recommended Hotels in the Area

#### InterContinental Hotel & Bank of America Conference Center

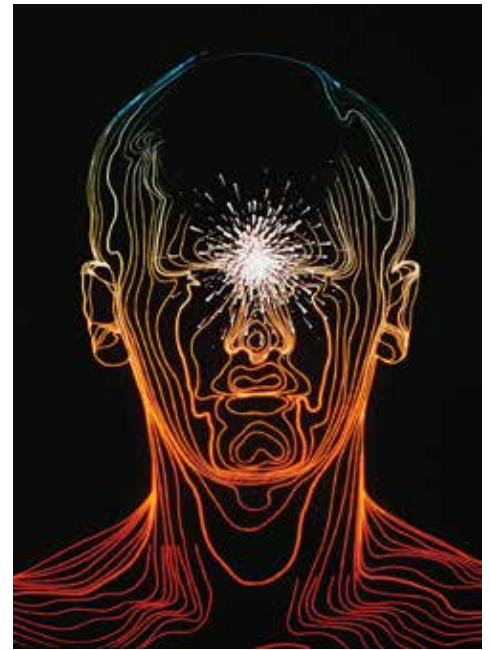
9801 Carnegie Avenue  
Cleveland, OH 44106  
Phone: 216.707.4100 or  
877.707.8999

#### Holiday Inn Cleveland Clinic

8650 Euclid Avenue  
Cleveland, OH 44106  
Phone: 1 888 HOLIDAY

#### Tudor Arms Double Tree Hotel

10660 Carnegie Ave  
Cleveland, OH 44106  
Phone: 216.455.1260



### Parking

P2 parking garage is the closest to Lerner Research Institute, it is located at 2101 East 100th Street.

### Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum 7.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

The Ohio Board of Nursing will accept at face value the number of contact hours awarded for an educational activity that has been approved for CE by a nationally accredited system of CE approval.

Nurses are able to obtain CE that has been approved or provided by a nationally recognized accreditation system of continuing education. Examples include:

- The American Nurses Credentialing Center (ANCC)
- The Accreditation Council for Continuing Medical Education (ACCME)
- The International Association for Continuing Education and Training (ACET)

### Faculty Disclosure Statement

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

### Information

For further information about this activity, contact Shana Spade at:  
Phone: 800.223.2273 x49380  
Email: spades@ccf.org

### Americans with Disabilities Act

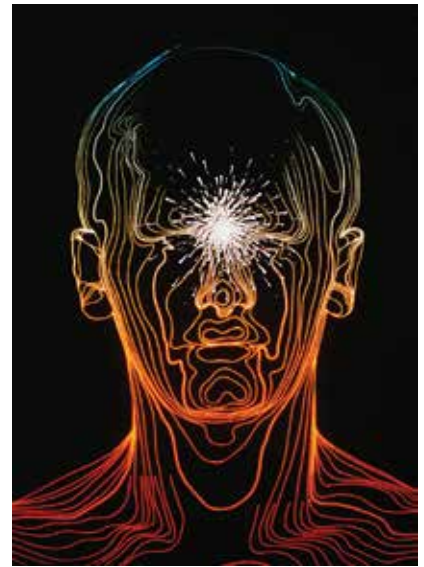
The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Shana Spade at 216.444.9380 at least two weeks prior to the activity.

**Register Today! [www.ccfme.org/Pituitary19](http://www.ccfme.org/Pituitary19)**

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**Register Today! [www.ccfme.org/Pituitary19](http://www.ccfme.org/Pituitary19)**

Fee includes: Syllabus, continental breakfast, refreshment breaks, and lunch

Physician	\$200
Non Physician	\$100
Resident/Fellow*	\$100

\*Letter from program director is required to receive the discounted fee.

Cleveland Clinic employee fees and registration are available online only.

## Registration and Cancellation

Preregistrations are accepted online until **5:00 pm (EST), April 3, 2019**. To register after this date, please do so onsite. In case of cancellation, a full refund will be made if cancelled by March 25, 2019. After March 25, 2019, a \$50 cancellation fee will be deducted from your refund. Written notification of your cancellation is required in order to process your refund. **NO REFUNDS WILL BE ISSUED AFTER MARCH 29, 2019.**

For questions about registration, call 216.448.0777 or email [cmeregistration@ccf.org](mailto:cmeregistration@ccf.org)

Cleveland Clinic Center for Continuing Education reserves the right to cancel or postpone an activity at our sole discretion. In the unlikely event that this occurs, any registration fee(s) paid will be refunded. Be advised that Cleveland Clinic is not responsible for related costs including airline tickets, hotel costs, or any similar fee penalties incurred as a result of any trip cancellations or changes.



Scan here for  
more information  
and to register!