



Saturday, October 28, 2023
USC Health Sciences Campus
Aresty Conference Center
Hybrid Conference
7:30 am - 3:00 pm

**Annual Southern California
Pituitary Symposium
at USC**

Keck School of Medicine of **USC**

Presented By:
Department of Medicine, Division of Endocrinology
Department of Neurology and Neurosurgery
USC Office of Continuing Medical Education



PROGRAM AGENDA

- 7:30 am **Live Registration and Continental Breakfast**
7:45 am **Virtual Login Begins**
8:00 am **Welcome and Introduction**
John Carmichael, MD and Gabriel Zada, MD, MS

Session I

Moderator: Gabriel Zada, MD, MS

- 8:10 am **Acromegaly and Functional Tumors-Assessment and Remission**
Stephanie Cheek, MD
8:30 am **Updates in Hypopituitarism: New Names, New Therapy**
John Carmichael, MD
8:50 am **Modern Techniques in Endoscopic Surgery for Pituitary Tumors**
Gabriel Zada, MD, MS
9:10 am **Questions and Answers**
9:30 am **Break**

Session II

Moderator: John Carmichael, MD

- 9:45 am **Medical Treatment Options for Patients with Cushing's Disease**
Adriana G. Ioachimescu, MD, PhD
10:05 am **Advanced Neuro-Imaging for Pituitary Tumors Using 7 Tesla MRIs**
Mark S. Shiroishi, MD
10:25 am **Pituitary Tumor Genomics**
David Cote, MD, PhD
10:45 am **Questions and Answers**
11:05 am **Break**

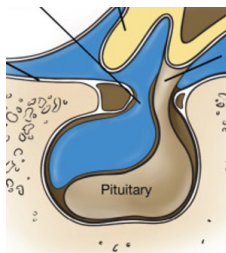
Session III

Moderator: Gabriel Zada, MD, MS

- 11:20 am **Management of Rathke's Cleft Cysts**
Racheal Peterson, MD
11:40 am **Management of the Incidentally Detected Pituitary Masses**
Adriana G. Ioachimescu, MD, PhD
12:00 pm **Visual Sequela of Pituitary Masses**
Kimberly K. Gokoffski, MD, PhD
12:20 pm **Questions and Answers**
12:40 pm **Lunch**

THE SELLA

A USC-Led Global Multidisciplinary Virtual Regularly Scheduled Series



Welcome to the debut of *The Sella*. *The Sella* is a quarterly virtual multidisciplinary conference series relating to pituitary and parasellar region disorders and pathology. It features specialized expert care teams from leading international institutions to highlight and discuss complex case presentations relating to sellar region disease. Each hour-long episode features two cases from leading institutions who will present in-depth cases, highlighting clinical presentation, diagnostics, advanced neuro-imaging, surgical nuances, pathological features, and outcomes. Pituitary care teams including endocrinologists, neurosurgeons, otolaryngologists, neuro-ophthalmologists, radiologists, pathologists, radiation oncologists and other specialists will join to present and discuss cases.

Hosted By: USC Pituitary and Brain Tumor Center
Gabriel Zada, MD, MS and John Carmichael, MD

Moderator: Rebekah Ghazaryan, RN, BSN, PHN

- 1:40 pm **Keck Medicine of USC & University of Wisconsin**
Sella Case Study Presentations
2:40 pm **Questions and Answers**
3:00 pm **Adjourn**

FACULTY

COURSE DIRECTORS

John D. Carmichael, MD

Associate Professor of Clinical Medicine
Clinical Chief,
Endocrinology and Diabetes
Co-Director, USC Pituitary Center
Division of Endocrinology and Diabetes
Keck School of Medicine of USC
Los Angeles, CA

Gabriel Zada, MD, MS, FAANS, FACS

Professor of Neurological Surgery,
Otolaryngology and Internal Medicine
Director, USC Brain Tumor Center
Department of Neurological Surgery
Keck School of Medicine of USC
Los Angeles, CA

KECK SCHOOL OF MEDICINE OF USC FACULTY

David Cote, MD, PhD

Neurosurgery Resident, PGY-3
Department of Neurological Surgery

Racheal Peterson, MD

Neurological Surgery Fellow
Department of Neurological Surgery

Kimberly K. Gokoffski, MD, PhD

Assistant Professor of Clinical Ophthalmology
Acting Chief, Neuro-Ophthalmology Service
Director of Neuro-Ophthalmology Fellowship
Adult and Pediatric Neuro-Ophthalmology
and Strabismus Surgery
USC Roski Eye Institute

Mark S. Shiroishi, MD

Assistant Professor of Clinical Radiology
Department of Radiology and Division of
Neuroradiology

GUEST FACULTY

Stephanie Cheok, MD

Assistant Professor of Neurosurgery
Pituitary and Skull Base Surgery
Medical College of Wisconsin
Milwaukee, WI

Adriana G. Ioachimescu, MD, PhD, FACE

Professor of Medicine and Neurosurgery
Director for Pituitary and
Adrenal Disease Program
Division of Endocrinology
and Molecular Medicine
Medical College of Wisconsin
Milwaukee, WI

COURSE DESCRIPTION

Management of pituitary tumors and related pituitary disorders is a rapidly changing field with advances in surgical techniques, improvements in radiation oncology practices and novel medications. A multi-modal approach toward care is essential and many health care providers need to know fundamental information on diagnosis and treatments to effectively care for patients, refer appropriate patients, and immerse themselves deeply in the care of the patients for their long-term care and monitoring. This conference offers multiple lectures from specialists in neuro-endocrinology and neurosurgery and will present evidence-based and practical approaches toward the diagnosis and management of patients with pituitary tumors and related pituitary hormone disorders.

EDUCATIONAL OBJECTIVES

By the end of the course, participants will be able to:

- Illustrate the general principles of diagnosis, treatment and management of pituitary tumors, including acromegaly, Cushing's disease, prolactinomas and nonfunctioning pituitary tumors.
- Evaluate and select the appropriate diagnostic test to confirm the diagnosis of pituitary tumors and related pituitary disorders.
- Recognize the difficulties in the diagnosis and interpretation of test results in pituitary tumors and related pituitary disorders.
- Describe the clinical, radiologic and pathological definition of an aggressive pituitary tumor and discuss management options for patients.
- Review the anatomy of the pituitary region and anterior skull base and discuss the advantages of endoscopic endonasal surgery for pituitary tumors.

TARGET AUDIENCE

This course is intended for endocrinologists, neurosurgeons, radiation oncologists, medical oncologists, primary care physicians, ophthalmologists, advanced practicing clinicians and other sub-specialists and allied health professionals who desire to update their knowledge and competence in the diagnosis and treatment of the pituitary tumors and disorders.

ACCREDITATION STATEMENT

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

CREDIT DESIGNATION

The Keck School of Medicine of the University of Southern California 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.

The following may apply *AMA PRA Category 1 Credit(s)™* for license renewal: Registered Nurses may report up to 5.25 credit hour(s) toward the CME requirements for license renewal by their state Board of Registered Nurses (BRN). CME may be noted on the license renewal application in lieu of a BRN provider number.

Physician Assistants: The National Commission on Certification of Physician Assistants states that *AMA PRA Category 1 Credits™* accredited courses are acceptable CME requirements for recertification.

REGISTRATION FORM

Annual Southern California Pituitary Symposium at USC

Hybrid Conference - October 28, 2023

**Live or Virtual
Tuition:**

Early-bird price for live and virtual registration ends October 24, 2023 at 12:00 pm, PDT. For registration after October 24: Virtual registration adjusts to on-site price. For live registration, please register on-site.

Choose one: ☐ Live Attendance ☐ Virtual Attendance

☐ \$150 MD/DO ☐ \$125 NP/PA/APP ☐ \$125 RN/AH ☐ \$25 Students, Residents, Fellows

On-site for live registration: October 28, 2023 at 7:30 am, PDT.

Virtual registration is available until 9:00 am, PDT.

\$175 MD/DO \$150 NP/PA/APP \$150 RN/AH \$25 Students, Residents, Fellows

Cancellation:

Cancellations must be received by the USC Office of CME (fax or email) by October 24, 2023, 12:00 pm PDT for a refund. A \$50 cancellation fee will be applied. In the event of course cancellation by conference organizers, all registration fees will be fully refunded. USC will not refund any travel costs incurred.

Location:

Catherine and Joseph Aresty Conference Center, in the lower ground level of the Harlyne J. Norris Cancer Research Tower on the USC Health Sciences Campus
1450 Biggy Street, Los Angeles, CA 90033

Parking:

\$20 at Biggy Parking Structure (P8): 1334 Biggy Street at Zonal Avenue, Los Angeles, on the USC Health Sciences Campus

Register:

Mail: 1540 Alcazar Street, CHP 223, Los Angeles, CA 90033

Mail-in registration must be postmarked by October 24, 2023.

Online: keckusc.cloud-cme.com/pituitary2023

Phone: (323) 442-2555 | **Fax:** (323) 442-3734 **AMEX, Mastercard, Visa**

Email: usccme@usc.edu

On-site: **Live registration:** Available October 28, 7:30 am, Aresty Conference Center.

Virtual registration: Available until 9:00 am, PDT on October 28.

NAME _____ DEGREE _____

MEDICAL LICENSE NUMBER _____

TELEPHONE _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

SPECIALTY _____

EMAIL ADDRESS* _____

INSTITUTIONAL AFFILIATION _____

*Registration confirmation and event reminder will be emailed.

METHOD OF PAYMENT:

No cash payment accepted.

☐ Check (Check payable to USC. Check payment must be postmarked by October 24, 2023)

☐ Credit Card (Mastercard or Visa. American Express by Phone/Mail/Fax only)

CREDIT CARD NUMBER _____

EXPIRATION DATE _____ SECURITY CODE _____

AUTHORIZED SIGNER _____ AMOUNT \$ _____

COURSES ARE SUBJECT TO CANCELLATION.



Keck School of Medicine of USC

Office of Continuing Medical Education
1540 Alcazar Street, CHP 223
Los Angeles, CA 90033



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U.S. Postage
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