

NEUROENDOCRINE

HYBRID

SYMPOSIUM

Friday, November 14, 2025



Children's Hospital of Philadelphia
HUB Clinical Collaboration Building
3500 Civic Center Boulevard

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of Philadelphia®**
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Course Overview

This one-day program is targeted to endocrinologists, neuro-oncologists, radiologists, neurosurgeons, neuro-ophthalmologists, fellows, residents and nurse practitioners who evaluate or treat children with hypothalamic/pituitary disorders. This program will highlight practical approaches to evaluating a child with a prolactinoma, hypothalamic obesity, and hypogonadotropic hypogonadism. We will have an open table discussion of some of the learner's cases. The conference will begin at 7:30 a.m. The registration fee includes a light breakfast, breaks, lunch, and syllabus materials.

General Information

The conference will be held on the first floor of the HUB Clinical Collaboration Building. The registration fee includes breakfast, breaks and lunch. Syllabus material will not be distributed at the conference but will be available online at chop.cloud-cme.com.

Registration Fees

The registration fee includes registration materials, continental breakfast, lunch, breaks and parking.

In-Person Only Registration Fees

MDs (IN-PERSON ONLY): \$150.00

Nurse, Trainees, Other Healthcare Professionals (IN-PERSON ONLY): \$125.00

Virtual Only Registration Fees

MDs (VIRTUAL ONLY): \$150.00

Nurse, Trainees, Other Healthcare Professionals (VIRTUAL ONLY): \$125.00

General Information

The conference will be held on the first floor of the HUB Clinical Collaboration Building. The registration fee includes breakfast, breaks and lunch. Syllabus material will not be distributed at the conference but will be available online at chop.cloud-cme.com.

Course Objectives

Upon completion of this course, participants should be able to:

- Recite three modalities to treat a child with a craniopharyngioma
- Strategize how to manage a child with hypothalamic obesity
- Develop a strategy for diagnosis and treatment of a child with hypogonadism
- Recite key steps in the diagnosis of a child with a prolactinoma and its treatment
- Identify various important structures on a Pituitary MRI
- Dose and organize starting a child on the new weekly growth hormone (GH) therapies
- Identify the features of a patient with hypophysitis and its treatment

Joint Accreditation Statement



In support of improving patient care, this activity has been planned and implemented by the Children's Hospital of Philadelphia. The Children's Hospital of Philadelphia is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Designation of Credit

Physicians: Children's Hospital of Philadelphia designates this live activity for a maximum of 6.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Hotel Accommodations

Course attendees should make their own hotel reservations early by calling one of the hotels listed below. These hotels are within walking distance of Children's Hospital of Philadelphia:

[The Study at University City](#)

20 S 33rd Street, Philadelphia, PA 19104
215-387-1400

[The Inn at Penn](#)

3600 Sansom Street
Philadelphia, PA 19104
215-222-0200

[Sheraton Philadelphia University City Hotel](#)

36th and Chestnut Streets
Philadelphia, PA 19104
215-387-8000

Cancellation and Refund Policy

Children's Hospital of Philadelphia reserves the right to cancel or postpone any course due to any unforeseen circumstances. In the event of cancellation or postponement, Children's Hospital of Philadelphia will refund any registration fees, less a \$25 service charge, but is not responsible for any related costs, charges, or expenses to participants, including cancellation charges assessed by airlines/travel agencies. In order to process refunds for course withdrawals, cancellation must be received in writing by Monday, November 3, 2025. No refunds will be issued thereafter.

Services for People With Disabilities

If special arrangements are required for an individual with a disability to attend this meeting, please contact the Continuing Medical Education Department at 215-590-5263.

Register Online: chop.cloud-cme.com

Neuroendocrine Hybrid Symposium

Children's Hospital of Philadelphia
HUB Clinical Collaboration Building

PROGRAM

Friday, November 14, 2025

- 7:30 a.m. Registration and Continental Breakfast
- 8:15 a.m. **Welcome and Introduction**
Craig A. Alter, MD
Shana McCormack, MD, MTR
- 8:25 a.m. **Hypothalamic Syndrome: Focus on Therapy**
Shana McCormack, MD, MTR
- Case Presentation: Hypothalamic Syndrome**
Fellow #1 Allie Dayno, MD
- Hypothalamic Obesity**
- 8:50 a.m. **Hypogonadotropic Hypogonadism (HH)**
Christopher E. Gibson, MD
Jacquelyn Hatch-Stein, MD
- Case Presentation #1 (Congenital HH)**
Fellow #2 Sabina Strashun, MBBS
- Case Presentation #2 (Acquired HH)**
Fellow #3 Sabina Strashun, MBBS
- 9:00 a.m. **Workup and Therapy for Male HH**
Christopher E. Gibson, MD
- 9:20 a.m. **Workup and Therapy for Female HH**
Jacquelyn Hatch-Stein, MD
- 9:40 a.m. **HCG and FSH Treatments in Male Infants and Toddlers with Hypothalamic/Pituitary Abnormalities**
Sasha Howard, MD
- 10:00 a.m. **Expert Panel**
Christopher E. Gibson, MD
Jacquelyn Hatch-Stein, MD
Sasha Howard, MD
Shana McCormack, MD, MTR
- 10:30 a.m. **Break/Visit Exhibitors**
- 11:00 a.m. **Surgical Approach to Pituitary Tumors: Full Resection Versus Multiple Stages**
Peter Madsen, MD

- 11:20 a.m. Novel Approaches to Treating Pituitary Tumors**
Cassie Kline, MD
- 11:40 a.m. Review: Pituitary Imaging Pearls**
Karuna Shekdar, MD
- Noon Expert Panel** *Cassie Kline, MD*
Karuna Shekdar, MD
Peter Madsen, MD
- 12:20 p.m. Lunch with Experts**
- 1:00 p.m. Keynote Speaker: Prolactinoma**
Steven G. Waguespack, MD
- Case Presentation: Prolactinoma**
Fellow #4 Prerana Chatty, MD
- Prolactinoma**
Steven G. Waguespack, MD
- 1:40 p.m. Practical Tips with Long-Acting GH Therapies**
Craig A. Alter, MD
- 1:55 p.m. Genetics of Pituitary Lesions**
Julia Crowley, MD
- 2:10 p.m. Expert Panel**
Steven G. Waguespack, MD
Craig A. Alter, MD
Julia Crowley, MD
- 2:30 p.m. Break/Visit Exhibitors**
- 2:50 p.m. Adrenal Insufficiency**
Allie Dayno, MD
- 3:10 p.m. Hypophysitis**
Caitlin White, MD
- 3:30 p.m. Cases from the Audience**
Craig A. Alter, MD
Julia Kharlip, MD
Shana McCormack MD, MTR
Caitlin White, MD
- 4:00 p.m. Adjourn**

Unless otherwise noted, faculty is from the Children's Hospital of Philadelphia and/or the Perelman School of Medicine at the University of Pennsylvania.

Course Directors

Craig A. Alter, MD

*Director, Neuroendocrine Center
Professor of Clinical Pediatrics
Division of Endocrinology & Diabetes*

Shana McCormack, MD, MTR

*Co-Director, Neuroendocrine Center
Assistant Professor of Pediatrics
Division of Endocrinology & Diabetes*

Guest Faculty

Sasha Howard, MD

*Clinical Reader and Honorary Consultant in Pediatric Endocrinology
Wellcome CRCDF
Specialized Foundation Program Lead for QMUL
Centre for Endocrinology, William Harvey Research Institute, Faculty of Medicine and
Dentistry, Queen Mary University of London
Department of Paediatric Endocrinology, Royal London Hospital, Barts Health NHS Trust*

Steven G. Waguespack, MD, FACE

*Professor, Dept. of Endocrine Neoplasia & Hormonal Disorders
University of Texas MD Anderson Cancer Center*

Course Faculty

Julia Crowley, MD

Attending physician in the Division of Endocrinology and Diabetes

Allie Dayno, MD

*Pediatric Endocrinology Fellow
Division of Endocrinology and Diabetes*

Christopher E. Gibson, MD

*Attending Physician
Division of Endocrinology & Diabetes*

Jacquelyn Hatch-Stein, MD

*Attending Physician
Division of Endocrinology and Diabetes*

Julia Kharlip, MD

*Associate Medical Director of the Penn Pituitary Center
Associate Professor of Clinical Medicine*

Cassie Kline, MD

*Director, Clinical Research, Neuro-Oncology
Attending Physician*

Course Faculty (continued)

Peter Madsen, MD, MBE

Chief of the Division of Neurosurgery

Karuna Shekdar, MD

*Assistant Professor of Clinical Radiology,
Associate Director of Neuroradiology fellowship
Dept. of Radiology, Neuroradiology division*

Caitlin White, MD

*Endocrinologist
Division of Neuroendocrine*



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