



Neuroendocrine Symposium Conference

Friday, Nov. 3, 2023

Roberts Center for
Pediatric Research

2716 South St.,
Philadelphia, PA 19146

Learn more at
chop.cloud-cme.com

Program 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 new advances in the approach to the child with a craniopharyngioma, the management of diabetes insipidus in infants, and the diagnosis and management of the child with pseudotumor cerebri. We will review the work-up of Cushing's Syndrome and neuroradiological features of those with various disorders of the pituitary or hypothalamus. Alternative methods of inducing puberty in central hypogonadism will be described. There will be question and answer sessions with expert panels.

General Information

The conference will be held on the first floor of the Roberts Center for Pediatric Research 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.

In-person Registration Fees

MDs — \$150

Nurse, trainees, other healthcare professionals — \$125

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

Virtual Registration Fees

MDs — \$150

Nurse, trainees, other healthcare professionals — \$125

Course Objectives

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

1. Discuss the various therapies for a child with a craniopharyngiomas
2. Develop strategies on how to treat infants with diabetes insipidus
3. Prepare an examination of the fundi in children with growth hormone deficiency and possible pseudotumor cerebri
4. Apply strategies to diagnose the etiology of diabetes insipidus based on the MRI
5. Evaluate a child with suspected Cushing's syndrome

ACCME Accreditation Statement

Children's Hospital of Philadelphia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing education for physicians.

AMA Credit Designation Statement

Children's Hospital of Philadelphia designates this live activity for a maximum of 7.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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, Oct. 23, 2023. 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](https://chop.cloud-cme.com)



PROGRAM | FRIDAY, NOV. 3, 2023

- 7:30 a.m. **Registration and Continental Breakfast**
- 8:15 a.m. **Welcome and Introduction**
Craig A. Alter, MD
- 8:30 a.m. **Work-up of the Child with Newly Diagnosed Diabetes Insipidus**
Craig A. Alter, MD
Karuna Shekdar, MD
Netanya Pollock, MD
- 9:10 a.m. **Treatment of Germ Cell Tumors**
Michael Fisher, MD
- 9:30 a.m. **Management of Diabetes Insipidus in Infants**
Iris Gutmark Little, MD
- 10:10 a.m. **Expert Panel (Q&A)**
- 10:30 a.m. **Break/Visit Exhibitors**
- 10:50 a.m. **Craniopharyngioma Case Presentation**
Elizabeth Rosenfeld, MD
- 10:55 a.m. **Craniopharyngioma: The Neurosurgical Approach**
Phillip B. “Jay” Storm, MD
- 11:15 a.m. **Radiation Therapy to Treat Pituitary Tumors**
Christine Hill-Kayser, MD
- 11:35 a.m. **Craniopharyngioma: New Approaches to Therapy**
Cassie Kline, MD
- 11:55 a.m. **Expert Panel (Q&A)**
- 12:10 p.m. **Lunch with Experts**

- 1 p.m.** **Issues With Pituitary Hormone Replacements**
Shana McCormack, MD
- 1:30 p.m.** **Ophthalmological Evaluation in Pseudotumor**
Grant Liu, MD
- 1:50 p.m.** **Alternative Methods of Inducing Puberty in Males**
Christopher Gibson, MD
- 2:10 p.m.** **Safety of Growth Hormone Therapy**
Julia Crowley, MD
- 2:30 p.m.** **Break/Visit Exhibitors**
- 2:50 p.m.** **Cushing's syndrome Update**
Julia Kharlip, MD
- 3:20 p.m.** **MRI Advances in the Workup of Cushing's syndrome**
Laurie Loevner, MD
- 3:35 p.m.** **Expert Panel (Q&A)**
- 3:50 p.m.** **A Hollywood Ending**
Craig A. Alter, MD
- 4 p.m.** **Adjourn**



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

Course Directors

Craig A. Alter, MD

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

Shana McCormack, MD, MTR

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

Guest Faculty

Iris Gutmark Little, MD

*Division of Endocrinology
Cincinnati Children's Hospital
Associate Professor, University of Cincinnati Department of Pediatrics*

Course Faculty

Julia Crowley, MD

*Attending Physician
Division of Endocrinology and Diabetes*

Michael Fisher, MD

*Chief, Neuro-Oncology Section
Director, Neurofibromatosis Program
Professor of Pediatrics, Division of Oncology*

Christopher E. Gibson, MD

*Attending Physician, Division of Endocrinology and Diabetes
Co-Director, Diabetes Consult Service, Division of Endocrinology and Diabetes
Assistant Professor of Clinical Pediatrics (Endocrinology and Diabetes)*

Christine Hill-Kayser, MD

*Attending Physician, Children's Hospital of Philadelphia
Staff Physician, Chester County Hospital
Staff Physician, Chestnut Hill Memorial Hospital
Chief, Pediatric Radiation Oncology Service, University of Pennsylvania
Editor-in-Chief, OncoLink, University of Pennsylvania
Associate Professor of Radiation Oncology, Hospital of the University of Pennsylvania*

Julia Kharlip, MD

*Associate Medical Director, Penn Pituitary Center
Associate Professor of Clinical Medicine
Hospital of the University of Pennsylvania*

Cassie Kline, MD

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

Grant T. Liu, MD

*Neuro-Ophthalmologist
Professor of Neurology and Ophthalmology*

Laurie Loevner, MD

*Division Chief, Neuroradiology
Professor of Radiology, Hospital of the University of Pennsylvania
Professor of Radiology in Neurosurgery
Professor of Radiology in Ophthalmology*

Netanya Pollock, MD

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Division of Endocrinology*

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*Associate Director of Neuroradiology Fellowship
Attending Physician, Department of Radiology
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Phillip B. “Jay” Storm, MD

*Chief, Division of Neurosurgery
Co-Director, Neuroscience Center
Professor of Neurosurgery*