

Topics in Hyperinsulinism

**Children's Hospital
of Philadelphia**

**Friday, October 2 and
Saturday, October 3, 2026**

Learn more:
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Course Overview

This innovative 2-day symposium will provide comprehensive education on the diagnosis and management of children with hyperinsulinism and will review exciting advances in the field. The first day will feature lectures on all aspects of hyperinsulinism care and interactive sessions with world-renowned experts. The second day offers two tracks: (1) clinically focused activities with simulations, cases, and additional sessions on hyperinsulinism management or (2) research-focused activities with presentations on the latest scientific advances in beta cell biology, genetics, and drug development. The symposium is intended for endocrinologists, neonatologists, surgeons, radiologists, pathologists, nurses, and other providers caring for these complex patients, as well as translational scientists.

General Information

The conference will be held at the Children's Hospital of Philadelphia. The registration fee is \$350 for physicians, \$250 for other healthcare professionals, and \$100 for trainees/students. This fee includes welcome reception, continental breakfast, coffee breaks, lunch, parking, and syllabus material.

Course Objectives

- Discuss the known genetic etiologies of hyperinsulinism and their implications for clinical care and response to therapy
- Employ effective strategies to rapidly diagnose hyperinsulinism and initiate appropriate treatment
- Understand the optimal immediate and long-term management of children with hyperinsulinism to ensure the best outcomes
- Review recent research advances in beta cell biology, genetics, and drug development

Abstract Submissions

The program includes sessions at which attendees may present posters and short oral communications of their own clinical or laboratory research. The deadline for abstract submission is May 22, 2026. Authors will be notified of abstracts accepted for poster or oral presentations by July 15, 2026. A limited number of travel grants will be available to trainees and junior investigators wishing to apply. Trainees and junior investigators must apply at the time they register for the symposium and submit their abstract.

Joint Accreditation Statement



JOINTLY ACCREDITED PROVIDER™
INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, 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 12.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses: This program provides 12.5 ANCC contact hours.

Cancellation and Refund Policy

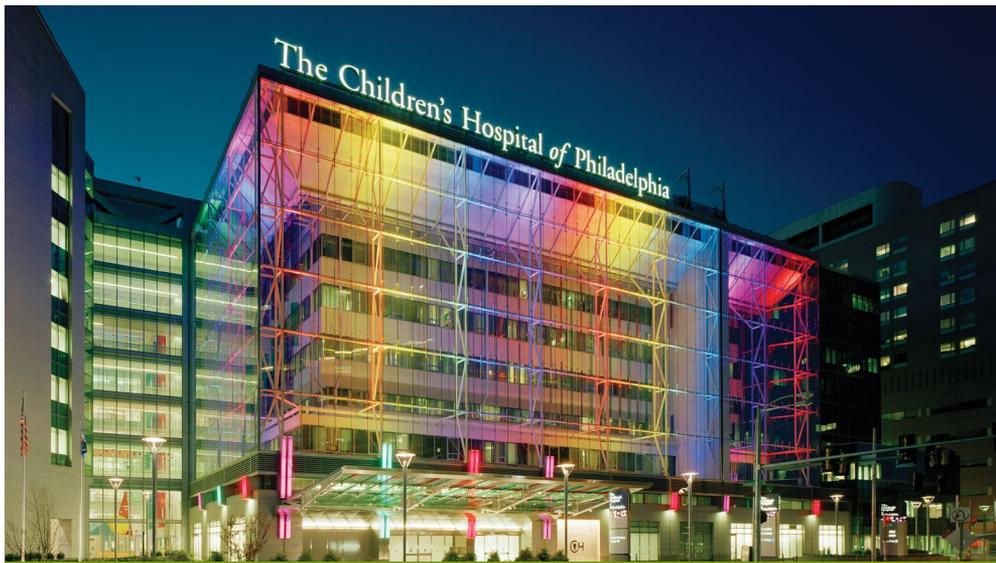
Children’s Hospital of Philadelphia reserves the right to cancel or postpone any course due to any unforeseen circumstances. In the event of cancellation or postponement, Children’s Hospital of Philadelphia will refund any registration fees, less a \$40 service charge, but is not responsible for any related costs, charges, or expenses to participants, including cancellation charges assessed by airlines or travel agencies. To process refunds for course withdrawals, cancellation must be received in writing by September 15, 2026. 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.

Hotel Accommodations

A block of rooms has been reserved at reduced rates at The Study, located just a few blocks from the Children’s Hospital of Philadelphia. The group overnight rate is \$259 single and double occupancy plus a 16.25 percent room tax. Participants are required to make their own hotel reservations by calling The Study directly at 215-387-1400. Please mention the name of the conference when making your reservation. The special room rate will be available until September 2, 2026. After that date, reservations will be accepted on a space-and rate-availability basis.



Topics in Hyperinsulinism

Children's Hospital of Philadelphia

PROGRAM

Friday, October 2, 2026

- 8:00 a.m. **Welcome and Introduction**
Diva D. De León-Crutchlow, MD, MSCE
- Etiologies & Diagnosis**
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- 8:15 a.m. **Perinatal Stress-Induced Hyperinsulinism**
Winnie Sigal, MD
- 8:30 a.m. **Congenital Hyperinsulinism Part 1: K_{ATP} Hyperinsulinism**
Diva D. De León-Crutchlow, MD, MSCE
- 9:00 a.m. **Congenital Hyperinsulinism Part 2: GDH, GCK, HK1 and Others**
Elizabeth Rosenfeld, MD, MSCE
- 9:30 a.m. **Syndromic Hyperinsulinism**
Jennifer Kalish, MD, PhD
- 10:00 a.m. **Break**
- 10:15 a.m. **Diagnosis of Hyperinsulinism**
Winnie Sigal, MD
- 10:40 a.m. **Molecular Diagnosis of Hyperinsulinism**
Arupa Ganguly, PhD
- 11:05 a.m. **Q&A with the Experts**
- 11:35 a.m. **Overview of Hyperinsulinism Management**
Katherine Lord, MD
- 11:50 a.m. **Lunch, Exhibits, and Posters**
- Management of Hyperinsulinism**
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- 1:10 p.m. **Glucose Monitoring**
Paul Thornton, MD
- 1:30 p.m. **Medical Management of Hyperinsulinism**
Paul Thornton, MD
- 1:50 p.m. **^{18}F DOPA PET Imaging of Focal Hyperinsulinism**
Lisa States, MD
- 2:10 p.m. **Surgery for Hyperinsulinism**
N. Scott Adzick, MD, MM

2:30 p.m. **Histology of Hyperinsulinism**
Trisha Bhatti, MD

2:50 p.m. **Q&A with the Experts**

3:15 p.m. **Break**

Care of Children with Hyperinsulinism

3:30 p.m. **Post-Pancreatectomy Diabetes**
Paul Thornton, MD

3:50 p.m. **Exocrine Insufficiency**
Asim Maqbool, MD

4:10 p.m. **Neurodevelopment Outcomes**
Elizabeth Rosenfeld, MD, MSCE

4:30 p.m. **Expert Panel Q&A**

4:50 p.m. **Wrap-Up**

5:00 p.m. **Adjourn**

Reception to follow

Saturday, October 3, 2026

Track 1 - Clinical Track

8:00 a.m. **The Use of Fasting Tests in Hyperinsulinism**
Katherine Lord, MD

8:20 a.m. **Genetic Testing Basics**
Victoria Sanders, LCGC

8:40 a.m. **Feeding Issues in Hyperinsulinism**
Sherri Shubin Cohen, MD, MPH

9:00 a.m. **Nutrition for Children with Hyperinsulinism**
Liesje Carney, RD, LDN

9:20 a.m. **Care of Children Post-Pancreatectomy**
Heather McKnight, MSN, CRNP

9:40 a.m. **Understanding Neurodevelopmental Screening**
Sophie Foss, PhD

10:00 a.m. **Break**

10:20 a.m. **Simulation Sessions**
Participants will be assigned a group.

	Group 1	Group 2
10:20 a.m.	<p>How to Complete a Successful Fast</p> <p>Participate in a simulated fasting test with our multi-disciplinary team.</p> <p><i>CHOP Hyperinsulinism Team</i></p>	<p>HI Management: Choose Your Own Adventure</p> <p>Conduct a diazoxide trial in a baby with newly diagnosed HI. Can you manage them like an HI expert?</p> <p><i>CHOP Hyperinsulinism Team</i></p>
11:10 a.m.	<p>HI Management: Choose Your Own Adventure</p> <p>Conduct a diazoxide trial in a baby with newly diagnosed HI. Can you manage them like an HI expert?</p> <p><i>CHOP Hyperinsulinism Team</i></p>	<p>How to Complete a Successful Fast</p> <p>Participate in a simulated fasting test with our multi-disciplinary team.</p> <p><i>CHOP Hyperinsulinism Team</i></p>

12:00 p.m. **Lunch, Exhibits, and Posters**

1:20 p.m. **Challenging Cases in Hyperinsulinism**
CHOP Hyperinsulinism Team

2:00 p.m. **Breakout Sessions**

Medical Management
Katherine Lord, Winnie Sigal

Genetic Testing Interpretation
Jennifer Kalish, Victoria Sanders

Post-Pancreatectomy Care
Jordan Evans, Heather McKnight, Paul Thornton

Neurodevelopment in Hyperinsulinism
Elizabeth Rosenfeld, Sophie Foss

Nutrition and Feeding Issues
Liesje Carney, Sherri Shubin Cohen

3:00 p.m. **The Future of Hyperinsulinism Care**
Diva D. De León-Crutchlow, MD, MSCE

3:20 p.m. **Wrap-Up**

3:30 p.m. **Adjourn**

Track 2 - Research Track

- 8:30 a.m. **Structural Basis of K_{ATP} Channels: Trafficking, Gating, and Rescue**
Show-Ling Shyng, PhD
- 9:00 a.m. **K_{ATP} channels in Hyperinsulinism and Diabetes**
Colin Nichols, PhD
- 9:30 a.m. **Short Communications (Oral Abstracts #1)**
- 10:00 a.m. **Break**
- 10:15 a.m. **Maternal/Pregnancy Effects on Beta Cell Development and Function**
Emilyn Alejandro, PhD
- 10:45 a.m. **The Alpha Cell in Hyperinsulinism: A Passive Bystander?**
Diva D. De León-Crutchlow, MD, MSCE
- 11:00 a.m. **Short Communications (Oral Abstracts #2)**
- 12:00 p.m. **Lunch, Exhibits, and Posters**
- 1:30 p.m. **Brain and Physiologic Responses to Hypoglycemia:
What Can We Learn From Studies in Diabetes?**
Ana Maria Arbelaez, MD
- 2:00 p.m. **Short Communications (Oral Abstracts #3)**
- 2:30 p.m. **Cell Replacement Therapy for Type 1 Diabetes:
Is There a Future for Hyperinsulinism?**
Karla Leavens, MD, PhD
- 3:00 p.m. **The Future of Hyperinsulinism Care**
Diva D. De León-Crutchlow, MD, MSCE
- 3:20 p.m. **Wrap-Up**
- 3:30 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

Diva D. De León-Crutchlow, MD, MSCE

Chief, Division of Endocrinology and Diabetes

Director, Congenital Hyperinsulinism Center

Distinguish Chair in Pediatrics

Professor of Pediatrics

Katherine Lord, MD

Medical Director of Inpatient Endocrinology

Division of Endocrinology and Diabetes

Professor of Clinical Pediatrics

Course Faculty

N. Scott Adzick, MD, MMM, FAAP, FACS

Director, Center for Fetal Diagnosis and Treatment

C. Everett Koop Professor of Pediatric Surgery

Tricia R. Bhatti, MD

Attending Pathologist

Division of Anatomic Pathology

Associate Professor of Clinical Pathology and Laboratory Medicine

Liesje Carney, RD, LDN

Senior Clinical Dietitian, Publication Specialist

Department of Clinical Nutrition

Sherri Shubin Cohen, MD, MPH, FAAP

Medical Director, Martha Escoll Lubeck Feeding and Swallowing Center

Professor of Clinical Pediatrics

Sophie Foss, PhD

Pediatric Neuropsychologist

Department of Child & Adolescent Psychiatry and Behavioral Sciences

Arupa Ganguly, PhD

Professor of Genetics

Department of Genetics

Jennifer M. Kalish, MD, PhD

Attending Physician, Human Genetics

Director, Beckwith-Wiedemann Syndrome Program of Excellence

Assistant Professor of Pediatrics and Genetics

Course Faculty (continued)

Karla Leavens, MD, PhD

Attending Physician

Division of Endocrinology and Diabetes

Assistant Professor of Pediatrics

Asim Maqbool, MD

Medical Director of Pancreatology

Division of Gastroenterology, Hepatology and Nutrition

Professor of Clinical Pediatrics

Heather McKnight, MSN, CRNP

Advanced Practice Nurse

Division of Endocrinology and Diabetes

Elizabeth Rosenfeld, MD, MSCE

Attending Physician

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Assistant Professor of Pediatrics

Victoria Sanders, MS, LCGC

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Winnie Sigal, MD

Attending Physician

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Assistant Professor of Clinical Pediatrics

Lisa J. States, MD

Director, Section of Oncologic Imaging

Molecular Imaging Endowed Chair

Department of Radiology

Professor of Clinical Radiology

Guest Faculty

Emilyn Alejandro, PhD

Marvin and Hadassah Bacaner Chair in Cardiovascular Physiology

Integrative Biology and Physiology Department

Professor

University of Minnesota

Minneapolis, MN

Guest Faculty (continued)

Ana Maria Arbelaez, MD, MSCI

Chief, Division of Pediatric Endocrinology and Diabetes

Professor of Pediatrics, Endocrinology & Diabetes

Washington University School of Medicine

St. Louis, MO

Colin Nichols, PhD, FRS

Carl Cori Professor

Department of Cell Biology and Physiology

Director, Center for the Investigation of Membrane Excitability Diseases (CIMED)

Washington University School of Medicine

St. Louis, MO

Show-Ling Shyng, PhD

Professor

Department of Chemical Physiology and Biochemistry

Oregon Health & Science University

Portland, Oregon

Paul S. Thornton, MD

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