

7th ANNUAL

Navigating the Journey of Pediatric Diabetes

ATTEND ONE OR BOTH SESSIONS

Friday & Saturday
April 12 & 13, 2024

William F. Andrews Conference Center
3024 New Bern Avenue, Raleigh, NC 27610



Using the most current clinical guidelines and new directions for care, this two-day conference is designed to provide members of the interprofessional team with the most current evidence-based information on a variety of topics relevant to the care and treatment of pediatric diabetes. Friday's in-person event will feature a keynote describing the impact of diabetic ketoacidosis (DKA) and a missed diagnosis of diabetes followed by a panel discussing the management of a pediatric patient with DKA. Other topics on Friday include the use of automated delivery systems, sick day management and nutritional guidelines for children with diabetes. Saturday is a half day and focuses on content particularly relevant to providers. Saturday's keynote is Screening for Pre-symptomatic Type 1 Diabetes and Celiac Disease. Saturday morning concludes with updated guidelines in therapeutic treatment and interventions for children and adolescents with Type 1 and 2 diabetes.

Conference Schedule

BOTH DAYS	Registration and Light Breakfast: 8:00 am
FRIDAY, APRIL 12	Session I: Interprofessional focus, including providers Program: 8:30 am – 3:15 pm
SATURDAY, APRIL 13	Session II: Provider-focused, but all are welcome! Program: 8:30 am – 12 pm

Target Audience

Pediatricians, family practice physicians, endocrinologists, physician assistants, nurse practitioners, inpatient and outpatient registered and licensed practical nurses, school nurses, dietitians, certified diabetes educators, case managers

Featured Speakers

Marian Rewers, MD, PhD
Professor of Pediatrics and Medicine
Richard S. Abrams Endowed Chair
Executive Director, Barbara Davis Center for Diabetes
University of Colorado School of Medicine

Theodore Hart, MS
Friends of Simon Hart

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Learning Objectives

At the conclusion of these educational activities, the participant should be able to:

Session I

- Discuss evidence-based care for the pediatric patient diagnosed with Diabetic Ketoacidosis, (DKA).
- Describe purposes, types, and indications for use of technology used in monitoring and treating diabetes in the pediatric population.
- Discuss nutritional guidance for pediatric patients with diabetes.
- Identify strategies to identify and troubleshoot operational and technical challenges in commonly used devices used in pediatric diabetes management.

Session II

- Describe current trends in early screening for pre-symptomatic Type I diabetes in the pediatric population.
- Explain new approaches and updates in the care and treatment of Type I & Type II diabetes in the pediatric population.

Credit

CME: Wake AHEC designates this live activity for a maximum of **8.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



The North Carolina Medical Society is a member of the Southern States CME Collaborative (SSCC). Wake Area Health Education Center is accredited by the SSCC to provide continuing medical education for physicians.

Nursing Contact Hours: Wake Area Health Education Center (AHEC) Nursing Education is approved as a provider of nursing continuing professional development by the North Carolina Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. 5.25 Contact Hours for attendance at Session I and 3.0 Contact Hours for attendance at Session II.

Pharmacotherapeutic Nursing Contact Hours will be awarded to Advance Practice Registered Nurses. 3.25 Contact Hours for attendance at Session I and 1.5 Contact Hours for attendance at Session II.

Contact Hours: Wake AHEC will provide up to 8.25 Contact Hours to participants for attendance at Sessions I and II, 5.25 Contact Hours for attendance at Session I and 3.0 Contact Hours for attendance at Session II.

34.7% of all pediatric patients with Type 1 diabetes are either overweight or obese. In adults that number rises to 64%.

There are now 4 classes of medications used to treat Type 2 diabetes in pediatric patients.

1/3 of pediatric patients with Type 2 diabetes have evidence of complications at diagnosis.

Most individuals diagnosed with Type 1 diabetes in childhood have auto-antibodies present by 2.5 years old.

Following a very low-carb diet in Type 1 diabetes can result in DKA.

Registration

- **Both Sessions** – \$15
- **Session I or Session II ONLY** – \$10

Registration is reduced due to the generous support from the WakeMed Foundation. Wake AHEC Vouchers will be accepted.

- Fee will include online handouts/online certificate of completion.
- Breakfast/Lunch will be provided for Session I.
- Breakfast will be provided for Session II.
- To assure quality programming and safety for all participants, babies and children may not attend this program.
- Call 919-350-8547 for our Inclement Weather Updates.

Cancellations and Refunds

No refunds or credits will be given for cancellations received after April 8th.

Photo Policy

Attendance at this activity grants permission for Wake AHEC to use any photographs, audio, video, or other images from this activity for promotional or educational purposes. Please notify an AHEC staff member if you have concerns.

ADA Statement

Visit www.wakeahec.org for our ADA Statement.

Questions? Contact Brynne Spence at 919-350-0462 or bspence@wakeahec.org.

Friday, April 12

Session I – Interprofessional focus, including providers



- 8:00 am **Registration, Light Breakfast, and Exhibitors**
- 8:30 am **Keynote: The Impact of DKA and a Missed Diagnosis of Diabetes**
Ted Hart
- 8:45 am **Case Study Panel: Newly Diagnosed Child with Diabetes through the Continuum of Care**
Moderator: Hillary Lockemer, MD, FAAP
Panelists: Mark Henin, MD, FAAP; Dr. Damilola Joseph, MD, FACEP; Melissa McHugh, MSN, RN, NCSN; Mark Piehl, MD, MPH, FAAP; Sara Lynn Skillman, MSN, RN, C-PNP
- 10:15 am **Break and Exhibitors**
- 10:30 am **Automated Insulin Delivery**
Jakub Mieszczak, MD, FAAP
- 12:00 pm **Lunch and Exhibitors**
- 1:00 pm **First Breakout**
- 1. Management of Technology in the Schools**
Hillary Lockemer, MD, FAAP and Melissa McHugh, MSN, RN, NCSN
 - 2. Managing the Pediatric Patient with DKA in the ED**
Amy Cogan, BSN, RN, PED-BC
 - 3. Nutritional Guidance for Pediatric Patients with Diabetes**
Julia Nguyen, MS, RD, LDN, CDCES
- 2:00 pm **Break and Exhibitors**
- 2:15 pm **Second Breakout**
- 1. Management of Technology from the Inpatient Perspective and Beyond**
Michelle Davis, MSN, RN, CPHQ
 - 2. Sick Day Management**
Janet Lucien, DO, FAAP and Sara Lynn Skillman, MSN, RN, C-PNP
 - 3. Nutritional Guidance for Pediatric Patients with Diabetes**
Julia Nguyen, MS, RD, LDN, CDCES
- 3:15 pm **Adjournment**

Saturday, April 13

Session II – Provider-focused, but all are welcome!

- 8:00 am **Registration, Light Breakfast, and Exhibitors**
- 8:30 am **Keynote: Screening for Pre-symptomatic Type 1 Diabetes and Celiac Disease**
Marian Rewers, MD, PhD
- 10:00 am **Break and Exhibitors**
- 10:15 am **Therapy/Treatment Update – Type 1 Diabetes**
Hillary Lockemer, MD, FAAP
- 11:00 am **Therapy/Treatment Update – Type 2 Diabetes**
Hillary Lockemer, MD, FAAP
- 11:45 am **Q&A and Closing Remarks**
Hillary Lockemer, MD, FAAP
- 12:00 pm **Adjournment**



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Speakers

Hillary Lockemer, MD, FAAP

Director, WakeMed Pediatric Endocrinology
Medical Director, Pediatric Subspecialties
Assistant Chief Medical Information Officer
WakeMed Health & Hospitals

Michelle Davis, MSN, RN, CPHQ

Pediatric Clinical Program Specialist
WakeMed Health & Hospitals

Mark Henin, MD, FAAP

WakeMed Pediatric Endocrinology
Co-Director, Pediatric Thyroid Center
Director, Pediatric Endocrine Elective UNC School of Medicine
WakeMed Health & Hospitals

Damilola Joseph, MD, FACEP

Medical Director, WakeMed Children's Emergency Department
Adjunct Professor, UNC-Chapel Hill School of Medicine
Wake Emergency Physicians, PA

Janet Lucien, DO, FAAP

Pediatric Endocrinologist
WakeMed Pediatric Endocrinology
WakeMed Health & Hospitals

Melissa McHugh, MSN, RN, NCSN

Diabetes Specialist
Wake County Health and Human Services

Jakub Mieszcza, MD, FAAP

Pediatric Endocrinologist
Atrium HealthCare

Julia Nguyen, MS, RDN, CDCES

Diabetes Patient Educator, Clinical Dietician
WakeMed Health & Hospitals

Mark Piehl, MD, MPH, FAAP

WakeMed Pediatric Critical Care
WakeMed Health & Hospitals

Sara Lynn Skillman, MSN, RN, CPNP

Certified Pediatric Nurse Practitioner
WakeMed Health & Hospitals



Planning Committee

WakeMed Health and Hospitals

Hillary E. Lockemer, MD, FAAP

Course Director
Director, WakeMed Pediatric Endocrinology
Medical Director, Pediatric Subspecialties
Associate CMIO

Wanda Bowman, BSN, RN, NE-BC

Nurse Manager, Pediatrics/PICU

Julia Nguyen, MS, RDN, CDCES

Diabetes Patient Educator, Clinical Dietician

Cynthia Roy, MSN, RN, CPEN

Manager, Nursing Education

Karen Tsang, RN, BSN, CPN

Clinical Nurse, Pediatrics

Wake County Health and Human Services

Melissa McHugh, MSN, RN, NCSN

Diabetes Specialist

Wake Area Health Education Center

Ellie Hunt, DNP, RN, ACHIP™, CNE, NI-BC

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Toni Chatman, MHA

Associate Director, Oral & Allied Health Education

Sandie Manning, MAEd

Associate Director, CME & Pharmacy
Supervisor, CME

Brynne Spence, MS

Project Coordinator, Nursing

Nilu Wieties, MPH, RN

Director, Continuing Professional Development



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