The Division of Pediatric Endocrinology at Weill Cornell Medicine (WCM) provides state-of-the-art care for children and adolescents with diabetes and pediatric endocrine disorders. Our team, led by Dr. Zoltan Antal, incorporates the expertise of pediatric endocrinologists, certified diabetes educators, nurses, nutritionists, and a pediatric nurse practitioner. In addition, the division provides collaborative care in partnership with child psychiatrists, psychologists, social workers, and other subspecialists in the WCM Department of Pediatrics.

We provide comprehensive care for a full range of pediatric endocrine disorders, including:

- Congenital Adrenal Hyperplasia (CAH) and other adrenal disorders
- type I and type II diabetes mellitus (T1D and T2D)
- dyslipidemia
- childhood obesity
- Failure to Thrive (FTT)
• growth disorders
• pituitary hormone deficiencies (including growth hormone deficiency, diabetes insipidus and hypopituitarism)
• irregular menses, hyperandrogenemia and Polycystic Ovary Syndrome (PCOS)
• metabolic bone diseases including Osteogenesis Imperfecta (OI, brittle bone disease), McCune-Albright Syndrome (MAS), low bone mass and frequent fractures
• calcium and phosphorus metabolism disorders, including rickets
• disorders of puberty (early or delayed)
• sexual differentiation disorders
• thyroid disorders (congenital or acquired)
• Turner Syndrome (TS)

In addition to providing outstanding patient care, our division is strongly committed to the research and education of young physicians and scientists in the field of pediatric endocrinology. Each year one trainee is accepted for our ACGME-accredited Pediatric Endocrinology Fellowship Program. Our faculty is involved in clinical and basic research in the areas of metabolic bone disease, growth and adrenal disorders, insulin signaling and pathogenesis of diabetes, and endocrine disorders in childhood cancer survivors.

Services & Programs
The Division of Pediatric Endocrinology provides specialized, multi-disciplinary care to children and adolescents with pediatric endocrine disorders. Our programs and services include:

• Growth, Thyroid and Puberty Disorders
  ○ When a child is noted to have altered growth or energy levels, or abnormally early or late onset of puberty, it is important to consider possible endocrine causes of these signs and symptoms. Children referred for any of these concerns will undergo a full history and physical examination, and, if deemed appropriate, blood testing, x-rays and other imaging studies.
  ○ We provide comprehensive on-site testing, including growth hormone stimulation, suppression testing, and leuprolide stimulation testing when required for further diagnosis and management. We work together with patients and their families to tailor appropriate treatment plans for every child.
  ○ Low Bone Mass
    ■ A variety of medical conditions, and even treatments, can interfere with proper bone mineral accrual in children, leading to an increased risk of fractures and low bone mineral density. We offer a comprehensive evaluation for children who are at high risk or already diagnosed with low bone mineral density or frequent fractures, including DEXA scans when appropriate.
    ■ We offer both inpatient and outpatient treatments for bone disorders, including bisphosphonate infusions when required.

• Kids and Teens Healthy Weight Program
  ○ The Weill Cornell Kids and Teens Healthy Weight Program, developed by our pediatric
obesity program director and diabetes educator, is comprised of a series of interactive, age-appropriate, small group sessions that focus on healthy eating and other important nutrition concepts. Topics include healthy cooking demonstrations, meal plan development, label reading, fitness and exercise, and how to select nutritious foods. Professional chefs, social workers and exercise specialists are among those who lead the classes.

- The program is free of charge, but requires that a child have at least one prior appointment for medical evaluation with a Weill Cornell pediatric endocrinologist.
- Comprehensive Center for Congenital Adrenal Hyperplasia (CAH)
  - Pediatric Diabetes Program
  - Pediatric Obesity Program

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**Diagnosis & Treatment**

Treatments of endocrine disorders are complex and may include oral medication, daily home injections or specialized in-office injections on a recurring basis.

We also offer more detailed diagnostics if needed, including testing for growth hormone deficiency, early or delayed puberty, or adrenal insufficiency. These specialized tests are scheduled separately.

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**Dr. Zoltan Antal**

Chief, Division of Pediatric Endocrinology
Director, Pediatric Diabetes Program
Director, Pediatric Endocrinology Fellowship Program
Associate Professor of Clinical Pediatrics
Associate Attending Pediatrician
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**Dr. Marisa Censani**

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Director, Pediatric Obesity Program
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Clinical Assistant Professor of Pediatrics
Assistant Attending Pediatrician
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Dr. Tiffany Schumaker
Assistant Professor of Clinical Pediatrics
Assistant Attending Pediatrician
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Dr. Karen Su
What to expect
As an academic institution, we are dedicated to training future physicians. At most of your visits, you will find physicians-in-training as your first point of contact. They may be medical students, pediatricians who are completing residency, or endocrinology fellows who have completed a pediatric residency. They are always under the direct supervision of your primary provider, who will be present during all visits.

At all visits, a comprehensive history and examination will be performed. Because much of what we do is engrained in growth and development, examinations often include staging pubertal development. It may help an older child, or a child who is anxious, to know that we will be examining their entire bodies (their pediatricians likely are, as well).

On occasion, blood tests, x-rays, ultrasounds or MRIs will be required for further evaluation. We offer same-day, on-site phlebotomy and simple radiology studies. However, some tests require specific timing (i.e. early morning) and others require scheduling a radiology appointment, and we may need to schedule your child’s testing for a future date under these circumstances.

Research

Pediatric Endocrinology Fellowship page

Resources

Juvenile Diabetes Research Foundation (JDRF) One Walk Fundraiser Events

NYC Department of Education School Health Forms
Congenital Adrenal Hyperplasia Research, Education and Support (CARES) Foundation

Updates in Pediatric Endocrinology

What Sets us Apart

- the first nationally recognized comprehensive care center for CAH
- a comprehensive weight loss management program with accreditation as a bariatric surgery
extensive experience managing complex metabolic bone diseases in collaboration with colleagues at the Hospital for Special Surgery.

- personalized and individualized care management plans for children with diabetes mellitus
- emphasis on use of medical technology and electronic healthcare applications to improve care and communication with patients and families.