



# Endocrinology



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Chief



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Boston Children's Hospital's Division of Endocrinology is one of the world's leading centers dedicated to caring for children and adolescents with acute and chronic endocrine and metabolic disorders. As one of the largest pediatric endocrinology practices in the country, our expert team of doctors, nurses and caregivers provides state-of-the-art diagnosis, treatment and management for children who suffer from diabetes, growth problems, obesity or other defects of the endocrine system.

## Scheduling

Endocrine: 617-355-7476  
Diabetes: 617-355-8136  
Optimal Weight for Life: 617-355-5159  
Request an appointment online: [bostonchildrens.org/endocrine](http://bostonchildrens.org/endocrine)

### **Boston Children's Hospital**

300 Longwood Avenue, Fegan 4  
Boston, MA 02115  
[bostonchildrens.org/endocrine](http://bostonchildrens.org/endocrine)

### **Boston Children's at Lexington**

482 Bedford Street  
Lexington, MA 02420

### **Boston Children's at Peabody**

10 Centennial Drive, 2nd Floor  
Peabody, MA 01960

### **Boston Children's at Waltham**

9 Hope Avenue  
Waltham, MA 02453

### **Boston Children's Physicians Weymouth**

Stetson Medical Center  
541 Main Street  
Weymouth, MA 02190

### **Boston Children's Hospital Physicians at Norwood Hospital**

800 Washington Street  
Norwood, MA 02062

## International

For families residing outside of the United States, please contact Boston Children's International Health Services, which facilitates the medical review of patient records and appointment scheduling and provides assistance with customs and immigration, transportation and hotel and housing accommodations.

+1-617-355-5209 | [bostonchildrens.org/international](http://bostonchildrens.org/international)  
[international.center@childrens.harvard.edu](mailto:international.center@childrens.harvard.edu)

## Highlights

- Ranked no. 2 by *U.S. News & World Report* in 2012-2013 in pediatric endocrinology
- Seven specialty programs and clinics
- 23,000 visits
- 50 clinicians, basic science, clinical and translational researchers

## Areas of expertise

Our team evaluates and treats a wide range of conditions, including:

- Acquired hypothyroidism
- Adrenal disorders
- Congenital hypothyroidism
- Diabetes insipidus
- Diabetes mellitus (type 1 and 2)
- Disorders of sexual differentiation
- Endocrine complications of cancer therapy
- Glycogen storage disease
- Growth disorders
- Hyperthyroidism (graves disease)
- Hypo- and hypercalcemia
- Hypopituitarism
- Metabolic bone diseases (rickets, osteoporosis)
- Obesity
- Pheochromocytoma
- Pituitary tumors
- Prader-Willi syndrome
- Precocious and delayed puberty
- Premature adrenarche
- Premature thelarche
- Syndrome of inappropriate antidiuretic hormone secretion
- Thyroid nodules and thyroid cancer

## Clinical programs

### Bone Health Program

Provides bone density testing and/or comprehensive evaluations of children and adolescents with frequent fractures, low bone density and disorders of calcium and vitamin D metabolism.

617-355-7476 | [bostonchildrens.org/bone](http://bostonchildrens.org/bone)

### Diabetes Program

Provides diagnosis, diabetes education and self-management training and long-term multidisciplinary, comprehensive follow-up care of patients with diabetes mellitus (types 1 and 2), as well as other forms of diabetes—such as cystic fibrosis-related diabetes mellitus, steroid-induced diabetes and other disorders of carbohydrate metabolism.

617-355-8136 | [bostonchildrens.org/diabetes](http://bostonchildrens.org/diabetes)

### Gender Management Service Clinic

Treats the medical and psychological issues of infants, children and adolescents with disorders of sexual differentiation. Our multidisciplinary team includes endocrinologists, geneticists, nurses, psychologists, social workers, urologists and other specialists as needed. An in-depth evaluation is provided to help patients and families make decisions about hormonal therapy and/or surgery.

617-355-7476 | [bostonchildrens.org/gems](http://bostonchildrens.org/gems)

### General Endocrinology Program

Provides comprehensive diagnosis, treatment and management of children with disorders of the hypothalamus, pituitary, thyroid, parathyroid, adrenal glands, gonads and endocrine pancreas. Through the use of state-of-the-art diagnostics, symptoms of endocrinologic disorders can be picked up early, and medical intervention can be started as early as possible.

617-355-7476 | [bostonchildrens.org/endocrine](http://bostonchildrens.org/endocrine)

### Neuroendocrinology Program

Provides comprehensive diagnosis and treatment of endocrine disorders related to hypothalamus and pituitary region tumors, as well as the endocrine effects of treatments for malignancies and hematologic disorders. Our care is coordinated with that of oncologists, hematologists, neurosurgeons, neurologists, and geneticists.

617-355-7476 | [bostonchildrens.org/endocrine](http://bostonchildrens.org/endocrine)

### Optimal Weight for Life Program

Offers care delivered through a multidisciplinary team approach for children who are overweight or obese. The OWL experience includes a comprehensive medical evaluation, dietary guidance from a nutritionist focused on a “low glycemic load” eating plan to stabilize blood sugar and insulin levels, and behavior modification strategies from a psychologist or social worker to support lifestyle changes. Support from exercise specialists and resource coordination is also available.

617-355-5159 | [bostonchildrens.org/owl](http://bostonchildrens.org/owl)

### Thyroid Program

Provides diagnosis, treatment and management of children with all types of thyroid disease, including hyperthyroidism, hypothyroidism, thyroid nodules and thyroid cancer. Our program is distinguished by its expertise in thyroid cancer diagnosis and management, and includes specialists in pediatric endocrinology, thyroid surgery, thyroid pathology and thyroid radiology.

617-355-8226 | [bostonchildrens.org/thyroid](http://bostonchildrens.org/thyroid)

## Research

The Division of Endocrinology is investigating the genetic and biochemical underpinnings of the endocrine system. The team is exploring:

- Causes of treatment for type 1 and type 2 diabetes and their complications
- New dietary treatments for obesity
- Pathogenesis of treatment for leptin resistance in diabetes and obesity
- New obesity genes that point to novel therapies
- Identification of adult stem cells in the endocrine system and their therapeutic use
- Pathogenesis of treatment for adrenal disorders
- The role of thyroid hormone metabolism in disease

## Training

Boston Children’s residents have voted the Division of Endocrinology’s educational program among the best at the hospital. The program draws on relationships with other world-class clinical teachers and researchers at Harvard Medical School and the Joslin Diabetes Center.

[bostonchildrens.org/fellowship](http://bostonchildrens.org/fellowship)