

Endocrinology

bostonchildrens.org/endocrine



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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 illnesses. 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 disorders of the endocrine system.

Scheduling

Endocrine: 617-355-7476
Diabetes: 617-355-8136
Optimal Weight for Life: 617-355-5159
Thyroid: 617-355-8226
Request an appointment online: bostonchildrens.org/endocrine

Boston Children's Hospital

333 Longwood Avenue Boston, MA 02115
bostonchildrens.org/endocrine

Boston Children's at Lexington

482 Bedford Street
Lexington, MA 02420

Boston Children's at North Dartmouth

500 Faunce Corner Road
North Dartmouth, MA 02747

Boston Children's at Peabody

10 Centennial Drive, 2nd Floor
Peabody, MA 01960

Boston Children's Physicians Milford

Milford Regional Medical Center
14 Prospect Street, 3rd Floor
Milford, MA 01757

Boston Children's Physicians Norwood

269 Walpole Street
Norwood, MA 02062

Boston Children's Physicians Weymouth

Stetson Medical Center
541 Main Street
Weymouth, MA 02190

Boston Children's at Waltham

9 Hope Avenue
Waltham, MA 02453

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

Highlights

- Ranked no. 2 by *U.S. News & World Report* for 2018-2019 in pediatric endocrinology
- Seven specialty programs and clinics
- 32,000 visits
- 50 clinicians, basic science, clinical and translational researchers

Areas of Expertise

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

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

Endocrinology

Clinical Programs

Behavioral Health, Endocrinology, and Urology (BE-U) Program

Evaluates, provides medical treatment, discusses surgical options, and offers psychosocial support for infants, children and adolescents with differences/disorders of sex development (conditions that affect development of the genitals). Our interdisciplinary team includes endocrinologists, nurses, psychologists, social workers, urologists, and other specialists as needed.
617-355-4367

Bone Health Program

Provides comprehensive evaluation of children and adolescents with frequent fractures, low bone density, disorders of calcium and vitamin D metabolism and genetic disorders of the skeleton including bone density testing, x-ray and laboratory evaluation.
617-355-7476 | 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

Gender Management Service

Performs psychological evaluation, including testing, and discusses medical options for transgender and gender-diverse children, adolescents, and young adults. Our multidisciplinary team includes endocrinologists, nurses, psychologists, social workers, and other specialists as needed. An in-depth assessment is provided to help patients and families make decisions about hormonal therapy and/or surgery.
617-355-4367 | bostonchildrens.org/gems

General Endocrinology Program

Provides comprehensive diagnosis, treatment and management of children with a wide variety of endocrine disorders, including problems with growth, puberty, and hypoglycemia, as well as disorders of the thyroid, pituitary, adrenals, gonads, and other endocrine systems. Through the use of state-of-the-art diagnostics, symptoms of endocrinology disorders can be picked up early and medical intervention can be started as soon as possible.
617-355-7476 | bostonchildrens.org/endocrine

Neuroendocrinology/Childhood Cancer Survivor Programs

Provide 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

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 to support lifestyle changes. OWL exercise programming and resource coordination is also available.
617-355-5159 | bostonchildrens.org/owl

Thyroid Program

Provides diagnosis, treatment and management of children with all types of thyroid disease, including thyroid nodules and thyroid cancer, hyperthyroidism, and hypothyroidism. Our program is distinguished by its expertise in thyroid imaging, thyroid surgery, radioiodine therapy, and the long-term care of children with thyroid cancer. Our multidisciplinary team includes specially trained pediatric endocrinologists, surgeons, oncologists, radiologists, and pathologists.
617-355-8226 | bostonchildrens.org/thyroid

Research

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

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

Training

Our Fellowship Program in Pediatric Endocrinology provides comprehensive clinical and research training over three years. Boston Children’s residents have voted the Division of Endocrinology’s educational program among the best in the hospital. Our trainees also benefit from relationships with world-class clinical teachers and researchers at renowned surrounding institutions including Harvard Medical School and the Joslin Diabetes Center.
617-355-7476 | bostonchildrens.org/centers-and-services/departments-and-divisions/division-of-endocrinology/fellowship