Surgery

Programs and services

Adolescent Bariatric Surgery Program
For teens whose weight exceeds the 90th percentile, surgery may be part of the long-term (indeed, lifelong) treatment plan. Our program provides education, nutritional planning and psychosocial support as necessary adjuncts to minimally invasive weight loss surgery. 617-395-2458 | boston.childrens.org/bariatric

Advanced Fetal Care Center
This program is a collaborative effort between Boston Children’s Hospital, its Harvard-affiliated hospital neighbors and their respective departments of Obstetrics, Maternal-Fetal Medicine and Diagnostic Imaging. The program provides evaluation, genetic and obstetrical counseling, imaging, invasive diagnostics and in utero or perinatal therapy to mothers carrying children with an illness diagnosed in pregnancy.

Center for Advanced Intestinal Rehabilitation
Cares for more infants, children and adolescents seriously injured with established investigators in areas such as vascular biology, angiogenesis and tissue engineering. Our extensive research initiatives are both laboratory- and clinic-based, providing research training opportunities to a large number of students and fellows.

Current research areas include:
- Angiogenesis
- Biology of cancer
- Cancer and bowel surgery
- Cell mechanics and structure
- Fetal gut development
- Fetal tissue engineering
- Lung growth
- Maternal-fetal treatment
- Neonatal surgery
- Prostate cancer
- Repair of congenital defects
- Transplantation and tissue engineering
- Trauma care
- Vascular anomalies and malformations

Training
Boston Children’s Department of Surgery offers several training programs, including:
- Pediatric Surgery Fellowship
- Surgical Critical Care Fellowship

Surgical Care firsts:
- Successful infant lung transplant in New England
- Use of the combination of a pericardium ex utero intrapartum treatment procedure and extracorporeal membrane oxygenation to treat an infant with critical airway obstruction
- Organized training program for trainees in pediatric surgery
- Published textbook in pediatric surgery in the Western world: Ladd and Gross’s Abdominal Surgery of Childhood
- Definition of the research field of angiogenesis
- Successful application of angiogenesis inhibitors to treat a childhood tumor
- Description of tracheal occlusion to facilitate development of the “hypoplastic” lung
- Development and use of the serial transverse enteroplasty procedure as a treatment for short bowel syndrome

Areas of expertise
Our team treats a wide range of conditions and performs a variety of procedures:
- Abdominal masses
- Appendicitis
- Branchial cleft cyst
- Chest wall masses
- Cholelithiasis
- Circumcision
- Congenital cystic adenomatoid malformation
- Craniofacial
- Esophageal atresia
- Ewing sarcoma
- Familial adenomatous polyposis
- Foreign bodies
- Gallstones
- Gastroschisis
- Gynecomastia
- Hemangioma (inguinal, umbilical and epigastric)
- HSUSCH syndrome
- Hydrocele
- Hypoparathyroidism
- Imperforate anus
- Inguinal hernia

New locations coming soon:
- Norwood, MA
- Milford, MA
- New Bedford, MA

Request an appointment online
Physicians and families may request an appointment online at boston.childrens.org/appointment.

Urgent appointments
We are happy to accept urgent/same-day appointments. Physicians who urgently need a patient seen should call 617-355-7800.

Clinic Locations

Boston Children’s Hospital
300 Longwood Avenue, Fagan 3 Boston, MA 02115
617-355-7800
boston.childrens.org/surgery

Boston Children’s at Lexington
482 Bedford Street
Lexington, MA 02420
781-672-2100

Boston Children’s at Peabody
10 Centennial Drive
Peabody, MA 01960
978-538-3600

Boston Children’s at Waltham
9 Hope Avenue
Waltham, MA 02453
617-355-7800

Boston Children’s Physicians

- Weymouth
Stapleton Medical Center
541 Main Street
Weymouth, MA 02190
617-355-6515

- Andover Surgical Associates
140 Haverhill Street
Andover, MA 01810
617-395-1838

- New Bedford, MA
54 Baker Avenue Extension, Suite 302
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Highlights

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Meet our team

THOMAS E. HAMILTON, MD | 617-355-3038
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Locations: Boston, Waltham, Waltham

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