Boston Children's Hospital's Department of Surgery provides both general and specialized surgical services to infants, children and adolescents living with a wide range of congenital and acquired conditions. Over the last decade, the use of minimally invasive surgery has redefined pediatric operations, combining safety, reduced post-operative pain and faster recovery. From tumors to transplants, hernias to hydroceles, we specialize in the timely evaluation and resolution of all pediatric surgical concerns.

Clinic Locations

Boston Children's Hospital
300 Longwood Avenue, Pegan 3
Boston, MA 02115
617-355-7800
bostonchildrens.org/surgery

Boston Children’s at Milton
280 Washington Street
Milton, MA 02186
617-355-7800

Boston Children’s at Peabody
10 Centennial Drive
Peabody, MA 01960
978-339-3600

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

Boston Children’s Physicians

Weymouth
Stetson Medical Center
541 Main Street
Weymouth, MA 02190
617-355-6915

North Dartmouth
50 Taunton Corner Road
North Dartmouth, MA 02747
781-216-2400

Boston Children's Norwood
Draper Building, 1st Floor
805 Washington Street
Norwood, MA 02062
781-216-2350

Boston Children’s at Milford
Regional Medical Center, 3rd floor
14 Prospect Street
Milford, MA 01757
617-355-0535

Request an appointment online

Physicians and families may request an appointment online at bostonchildrens.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.

Programs and services

**Adolescent Bariatric Surgery Program**
For teens whose weight exceeds the 99th 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.

617-355-2458 | bostonchildrens.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 medical or peripartum therapy to mothers carrying children with an illness diagnosed in pregnancy.

1-866-FETALCARE | 1-866-338-2522 | bostonchildrens.org/afcc

**Center for Advanced Intestinal Rehabilitation**
Specialists in gastroenterology, nutrition and surgery—together with nurses, nurse practitioners, dietitians, a social worker and a pharmacist—collaborate to provide a range of treatment options for short bowel syndrome. Care may involve nutritional management, medical services and/or surgical treatment, such as the serial transverse enteroplasty procedure for bowel lengthening.

617-355-5275 | bostonchildrens.org/car

**Congenital Diaphragmatic Hernia (CDH) Program**
Provides multidisciplinary treatment of CDH and long-term follow-up care for children born with this complex health concern.

617-355-6019 | bostonchildrens.org/cdh

**Esophageal Advanced Treatment Program**
Performs the Foker technique for esophageal atresia, wherein traction sutures are used to stimulate growth of truncated esophageal segments prior to anastomosis. Our program also cares for children with dysphagia and hiatal hernia.

617-355-3038 | bostonchildrens.org/esat

**Pediatric Transplant Center**
Transplantation at Boston Children's Hospital is an interdisciplinary effort between medical and surgical programs. Programs for heart, lung, kidney, liver, intestine and multiorgan, and stem cell transplant actively share knowledge and best practices to optimize outcomes for patients and their families.

1-877-TX4-PEDS (1-877-894-7337) | bostonchildrens.org/pts

**Trauma Center**
Cares for more infants, children and adolescents seriously injured in accidents than any other hospital in New England. Beginning at the accident scene, a multidisciplinary team of pediatric experts coordinates the trauma patient’s care from emergency room through the inpatient stay and rehabilitation (when indicated). In addition, the team supports a child advocacy program for injury prevention in order to reduce the number of childhood traumatic injuries. This is one of the few in the nation that has received designation from the Committee on Trauma of the American College of Surgeons as a Regional Pediatric Trauma Center; the highest level awarded.

617-355-5400 (1-866-771-5437) | bostonchildrens.org/trau

**Vascular Anomalies Center**
Known internationally as the preeminent site for the care of individuals with vascular anomalies, which include hemangiommas, vascular malformations and other, less common vascular tumors.

617-355-5236 | bostonchildrens.org/vac

Research

The Department of Surgery is committed to advancing the understanding and practice of pediatric surgery through research. We are one of the largest research departments at Boston Children’s. We are host to world-renowned laboratories involved in angiogenesis research 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:

- Fetal regenerative medicine
- Fetal biology and therapy
- Stem cells
- Tissue engineering
- Surgical metabolism and nutrition
- Short bowel syndrome
- Lung development
- Neonatal surgery
- Vascular anomalies
- Angiogenesis
- Oncology
- Transplantation
- Device development
- Trauma
- Critical outcomes
- Quality improvement

Training

Boston Children's Department of Surgery offers several training programs, including:

- **Pediatric Surgery Fellowship**
  The department has a proud tradition of training tomorrow’s leaders in pediatric surgery. This two-year fellowship offers exposure to a large volume of complex cases with liberal use of minimally invasive techniques. Our program is one of the few in the nation that has received designation from the Committee on Trauma of the American College of Surgeons as a Regional Pediatric Trauma Center; the highest level awarded.

- **Surgical Critical Care Fellowship**
  The fellowship is designed for individuals who are interested in obtaining formal training in pediatric surgical critical care medicine and who wish to augment this experience with a one- to two-year clinical research experience.

- **Two-year positions in surgical research**
  Trainees will learn the latest scientific methods while working with established investigators in areas such as vascular biology, transplantation tolerance, organ regeneration, fetal therapy, tissue engineering, vascular anomalies, surgical nutrition and the treatment of short bowel syndrome.

bostonchildrens.org/fellowship
The Department of Pediatric Surgery strives to provide premier clinical care to children in both outpatient and inpatient settings. Caring for an average of 8,600 outpatient annually and performing more than 4,000 operative procedures each year, Boston Children’s is one of the largest pediatric surgery programs in the world. Our team listens to you and your child. We work collaboratively with you to design a plan of treatment appropriate to your child’s condition and unique circumstances. We’re constantly engaged in clinical research designed to come up with new strategies for diagnosis and treatment.

Meet our team

**TERRY L. BUCHMILLER, MD | 617-355-8445**
Locations: Boston, Weymouth
Clinical Interests: Neonatal Surgery, Gastrointestinal Motility Disorders, Minimally Invasive Surgery
Board Certification: General Surgery, Pediatric Surgery

**CATHERINE C. CHEN, MD, MPH | 617-355-0535**
Locations: Boston, Peabody
Clinical Interests: Neonatal Surgery, Pediatric General Surgery, Thoracic Surgery
Board Certification: General Surgery, Pediatric Surgery

**STEVEN J. FISHMAN, MD | 617-355-3040**
Chief, Department of Surgery/Co-director, Vascular Anomalies Center
Locations: Boston
Clinical Interests: Pediatric General Surgery, Malformations, Thoracic Surgery, Vascular Anomalies
Board Certification: General Surgery, Pediatric Surgery

**THOMAS E. HAMILTON, MD | 617-355-3038**
Locations: Boston
Clinical Interests: Esophageal Atresia, Pediatric Surgical Oncology, Neonatal Surgery, Pediatric General Surgery
Board Certification: General Surgery, Pediatric Surgery

**ALEX CUENCA, MD, PHD | 617-355-9871**
Locations: Boston
Clinical Interests: Pediatric General Surgery, Minimally Invasive Surgery, Surgical Critical Care
Board Certification: American Board of Surgery, General Surgery, Pediatric Surgery

**FAROKH DEMEHRI, MD | 617-355-8664**
Locations: Boston
Clinical Interests: Pediatric General Surgery, Minimally Invasive Surgery, Surgical Critical Care
Board Certification: American Board of Surgery, General Surgery

**RUSSELL W. JENNINGS, MD | 617-355-3038**
Surgical Director, Center for Advanced Intestinal Rehabilitation
Locations: Boston, North Dartmouth
Clinical Interests: Neonatal and Pediatric General Surgery, Short Bowel Syndrome, Thoracic Surgery
Board Certification: General Surgery, Pediatric Surgery, Surgical Critical Care

**BELINDA HSU DICKIE, MD | 617-355-7800**
Locations: Boston
Clinical Interests: Pediatric General Surgery, Surgical Critical Care
Board Certification: General Surgery, Pediatric Surgery

**HEUNG BAE KIM, MD | 617-355-8544**
Director, Pediatric Transplant Center
Location: Boston
Clinical Interests: Liver, Intestinal and Kidney Transplantation, Liver, Intestinal and Kidney Transplantation
Board Certification: General Surgery, Pediatric Surgery, Transplantation

**TOM JANKIC, MD, PHD | 617-355-9600**
Surgical Director, Center for Advanced Intestinal Rehabilitation
Locations: Boston, North Dartmouth
Clinical Interests: Neonatal and Pediatric General Surgery, Short Bowel Syndrome, Thoracic Surgery
Board Certification: General Surgery, Pediatric Surgery, Surgical Critical Care

**BIREN MODI, MD | 617-355-2458**
Locations: Boston, Waltham
Clinical Interests: Endocrine Surgery, Neonatal and Pediatric General Surgery, Intra-abdominal and Short Bowel Syndrome, Thoracic Surgery
Board Certification: General Surgery, Pediatric Surgery

**DAVID P. MOONEY, MD, MPH | 617-355-0535**
Director, Trauma Center
Locations: Boston, Milford, Waltham
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Board Certification: General Surgery, Pediatric Surgery

**HONESTATINOS "GUS" PAPAGAKIS, MD | 617-355-6125**
Locations: Boston, Weymouth
Clinical Interests: Minimally Invasive Surgery, Pediatric General Surgery, Oncology, Thoracic Surgery, Cardiomyopathy Surgery
Board Certification: General Surgery, Pediatric Surgery

**MARK PUDER, MD, PHD | 617-355-1838**
Locations: Boston, Andover, Lawrence
Clinical Interests: Neonatal Surgery, Pediatric General Surgery, Short Bowel Syndrome, Thoracic Surgery
Board Certification: General Surgery, Pediatric Surgery

**SHAWN J. RANGEL, MD, MSCE | 617-355-6915**
Locations: Boston, Pediatric
Clinical Interests: Neonatal Surgery, Pediatric General Surgery, Thoracic Surgery, Anorectal Malformations, Surgical Outcomes, Quality and Safety
Board Certification: General Surgery, Pediatric Surgery

**ROBERT C. SHAMBERGER, MD | 617-355-8326**
Chief, Emeritus, Department of Surgery
Locations: Boston, Waltham, Lexington
Clinical Interests: Pediatric Oncology, Inflammatory Bowel Disease, Choledochal Malformations, Foreskin, Pediatric Surgery
Board Certification: General Surgery, Pediatric Surgery

**KHASHAYAR VAJILL, MD | 617-355-8544**
Locations: Boston
Clinical Interests: Liver and Kidney Transplantation, Vascular Surgery
Certification: American Society of Transplant Surgeons
Board Certification: General Surgery

**BRENT WEIL, MD | 617-355-3039**
Locations: Boston, Waltham
Clinical Interests: Pediatric Surgical Oncology, Pediatric General Surgery, Inflammatory Bowel Disease, Minimally Invasive Surgery
Board Certification: Surgery, Pediatric Surgery

**CHRISTOPHER B. WELDON, MD, PHD | 617-355-4502**
Locations: Boston, Waltham
Clinical Interests: Pediatric Surgical Oncology, Pediatric General Surgery, Critical Care
Board Certification: Surgery, Pediatric Surgery, Surgical Critical Care

**JILL ZALEICKAS, MD | 617-355-6019**
Locations: Boston
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Board Certification: General Surgery, Pediatric Surgery, Surgical Critical Care

**BENJAMIN ZENDEJAS-MUMMERT, MD | 617-355-8445**
Chief, Department of Surgery
Locations: Boston, Waltham, Lexington
Clinical Interests: Pediatric General Surgery, Inflammatory Bowel Disease, Choledochal Malformations, Surgical Outcomes, Quality and Safety
Board Certification: General Surgery, Pediatric Surgery

Certification: American Society of Transplant Surgeons
Board Certification: General Surgery

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