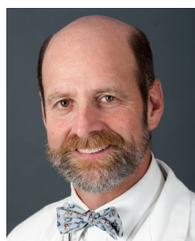


Urology

bostonchildrens.org/urology



DAVID A. DIAMOND, MD
Urologist-in-Chief

Boston Children's Hospital's Department of Urology provides comprehensive evaluation, diagnosis, treatment and follow-up care to children with congenital and acquired disorders of the genitourinary tract. Our team of internationally renowned pediatric urologists has extensive experience delivering innovative care for the full range of genitourinary tract disorders, from the most common to the most rare and complex.

Scheduling

Boston Children's Hospital

300 Longwood Avenue, Hunnewell 3
Boston, MA 02115
617-355-7796 | bostonchildrens.org/urology

We also see patients in:

- Bedford, NH
- Lexington, MA
- Nashua, NH
- Norwood, MA
- Peabody, MA
- Waltham, MA
- Weymouth, MA

Research

Research in our department currently focuses on prenatal hydronephrosis, vesicoureteral reflux, adolescent varicocele, bladder exstrophy, hypospadias, undescended testicles, laparoscopic surgery, intersex conditions and new surgical techniques and procedures employing robotic-assisted surgery.

In addition, we have a robust program in basic science research, involving tissue engineering, proteomics, sperm preservation in cancer patients and bladder physiology.

Training

Our department trains urology residents from Brigham and Women's Hospital, Massachusetts General Hospital, Lahey Clinic and Boston University. Each year, two fellows are selected from a group of national and international candidates to participate in the hospital's highly regarded three-year accredited fellowship program in pediatric urology.

bostonchildrens.org/fellowship

International

For families residing outside of the United States, 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
international.center@childrens.harvard.edu

Highlights

- Ranked no. 1 for pediatric urology and no. 1 for kidney disorders by *U.S. News & World Report* in 2013-2014
- First clinical application of tissue engineering in urology to correct reflux
- First laparoscopic removal of a kidney in a child in the eastern United States
- Inaugural creation of a tissue-engineered organ (bladder)
- First pediatric training program in robotic-assisted surgery
- Developed the first comprehensive early bladder management program for neurogenic bladder dysfunction

Boston Children's Department of Urology is the largest pediatric urology service in the world.

- 3,000 surgical procedures each year
- 19,000 outpatient visits each year
- 12 world-renowned faculty members
- Urodynamics laboratory and uroradiology unit
- More robotic-assisted surgeries performed than any other pediatric hospital

Areas of expertise

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

- Ambiguous genitalia
- Bladder and cloacal exstrophy
- Conditions requiring robotic-assisted laparoscopic surgery
- Congenital adrenal hyperplasia
- Hydronephrosis
- Hypospadias
- Multicystic dysplastic kidney
- Myelodysplasia and neurogenic bladder dysfunction
- Stone disease
- Testicular torsion
- Trauma
- Tumors of the genitourinary system
- Undescended testes
- Ureteropelvic junction obstruction (UPJ)
- Vaginal agenesis
- Varicocele
- Vesicoureteral reflux

Clinical programs

Andrology

Focuses on diseases that affect male hormonal and reproductive function, including undescended testes, testicular torsion and varicocele.

617-355-7796 | bostonchildrens.org/andrology

Bladder Exstrophy

Advocating early intervention, provides surgical correction and long-term follow-up care to children born with bladder exstrophy.

617-355-3896 | bostonchildrens.org/exstrophy

Gender Management Service

The first program in the country to treat children with disorders of sexual differentiation and gender identity disorders. Our team works with patients and families to find treatments that work best for everyone involved.

617-355-6116 | bostonchildrens.org/gems

General Pediatric Urology

Provides care for children with disorders of the genitourinary tract, offering unrivaled expertise and state-of-the-art treatments.

617-355-7796 | bostonchildrens.org/genurology

Kidney Stone Center

Clinical and surgical care for children with kidney stones.

617-355-2080 | bostonchildrens.org/stone

Neurourology

Treats children with various types of bladder dysfunction, myelodysplasia and spinal disorders, and collaborates with Boston Children's Neuroscience experts to maximize each child's quality of life.

617-355-7796 | bostonchildrens.org/neurourology

Perinatal Urology

Using early intervention techniques, some genitourinary anomalies are identified and treated *in utero*; others are effectively managed postnatally.

617-355-7796 | bostonchildrens.org/periurology

Robotic Surgery Research and Training

Urologists with unrivaled expertise perform robotic surgery for many conditions, which results in less pain, faster recoveries, smaller scars and more satisfied patients and families.

617-355-7796 | bostonchildrens.org/robotics

Urologic Tumors

Provides care for children with urologic tumors (kidney, bladder and testes) with treatments tailored for individual patient and family needs.

617-355-7796 | bostonchildrens.org/uroltumor

Vesicoureteral Reflux

Provides care that includes antibiotics, imaging tests, surgery and basic management to prevent infections that can damage the kidney.

617-355-7796 | bostonchildrens.org/vur

Voiding Improvement

Evaluates children with voiding issues through physical examination, urinalysis, ultrasound and other urodynamics tests.

617-355-7796 | bostonchildrens.org/vip

Our team

Stuart B. Bauer, MD

Associate Director, Neurourology
Senior Associate in Urology

Joseph G. Borer, MD

Director, Bladder Exstrophy Program
Director, Neurourology
Associate in Urology
Co-director, Robotic Surgery Research and Training Program

Marc Cendron, MD

Associate in Urology

Bartley G. Cilento, Jr., MD, MPH

Co-director, Kidney Stone Center
Associate in Urology

David A. Diamond, MD

Urologist-in-Chief

Carlos R. Estrada, Jr., MD

Physician Director, Voiding Improvement Program
Director, Spina Bifida Clinic
Associate in Urology

Richard S. Lee, MD

Associate in Urology

James Mandell, MD

Senior Associate in Urology

Caleb P. Nelson, MD, MPH

Co-director, Kidney Stone Center
Associate in Urology

Hiep T. Nguyen, MD

Director, Robotic Surgery Research and Training Program
Associate in Urology

Alan B. Retik, MD

Chief Emeritus
Executive Chair/Medical Director, International Health Services

Richard N. Yu, MD, PhD

Associate in Urology