



U.S.-U.A.E. Business Council
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CORPORATE SPOTLIGHT
HEALTH SERIES

BOSTON CHILDREN'S HOSPITAL

MAY 2021



Boston Children's Hospital

BUSINESS COUNCIL REPORT



 ACTIVE MEDICAL STAFF 2,000	 ESTABLISHED 1869	 CLINICAL DEPARTMENTS 40	 SPECIALIZED CLINICAL PROGRAMS 258
	 NURSES 3,000	 RESIDENTS & CLINICAL FELLOWS 475	 PATIENTS PER YEAR 100,000

OVERVIEW

Boston Children's Hospital is the US News and World Report #1 ranked pediatric hospital in the United States. It treats more children with rare diseases and complex conditions than any other hospital in the world. It is also home to the world's largest pediatric research enterprise. Boston Children's Hospital is the pediatric teaching hospital of Harvard Medical School. The hospital also has a clinical partnership with the Dana-Farber Cancer Institute to research pediatric cancer and blood disorders.

Established in 1869, Boston Children's Hospital has more than 40 clinical departments and 258 specialized clinical programs. Its dedicated team consists of more than 2,000 active medical and dental staff, 3,000 nurses, 3,000 researchers and scientific staff, and 475 residents and clinical fellows. BCH cares for more than 100,000 patients a year from more than 140 countries.

U.S.-U.A.E. PARTNERSHIPS




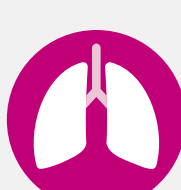
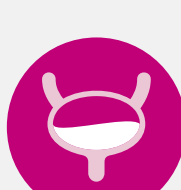
Boston Children's Hospital has treated hundreds of Emirati children requiring complex care every year for more than two decades at its main campus in Boston. Its pediatric specialists have also supported in-country care across the U.A.E. through a Visiting Physician Program in both the public and private sectors. BCH has also established a network of provider relationships along the continuum of care to enable children to be repatriated to the most appropriate care setting at home, once care is completed in Boston.

On education, its physicians have participated in numerous educational programs in the U.A.E. over many years including Arab Health, SEHA Pediatric Conference, and grand rounds lectures in the public and private sector. In 2021, BCH is the keynote sponsor for the Arab Health Pediatric Focus Day and will present a series of lectures on advances in neurology, surgery, cardiology, and cardiac surgery.

Boston Children's Hospital has close working relationships with the U.A.E. Consular General's Office in Boston and with the U.A.E. Embassy in Washington, D.C. In 2019-20, Boston Children's Hospital and the U.A.E. Embassy collaborated to develop a soccer field at the Haley Pilot School (K-8) in Roslindale, an important contribution to the greater Boston Community.




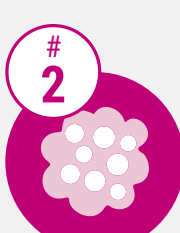


#1 IN THE U.S.

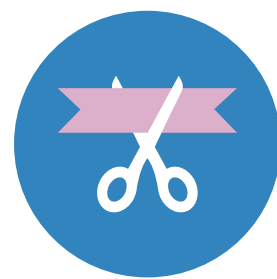
US NEWS AND WORLD REPORT

-  **NEPHROLOGY**
-  **NEUROSURGERY**
-  **NEUROLOGY**
-  **PULMONARY MEDICINE**
-  **UROLOGY**

RANKED IN THE U.S.

US NEWS AND WORLD REPORT

-  **GASTROENTEROLOGY, HEPATOLOGY & NUTRITION**
-  **ENDOCRINOLOGY**
-  **ORTHOPEDIC CENTER**
-  **HEMATOLOGY-ONCOLOGY**
-  **HEART CENTER: CARDIOLOGY & CARDIAC SURGERY**
-  **NEONATOLOGY/NEWBORN MEDICINE**



ESTABLISHED
1869



CLINICAL DEPARTMENTS
40



SPECIALIZED CLINICAL PROGRAMS
258

HEART CENTER



With a team of more than 500 individual experts, including 12 cardiac surgeons and more than 80 cardiologists, the **Boston Children's Heart Center** is the largest pediatric heart program in the United States. It offers nearly 30 sub-specialty programs, encompassing all types of congenital heart disease. Some of their programs are so specialized they are not offered anywhere else. The Heart Center has some of the best success rates in the world, with surgical survival rates that approach 99 percent.

BCH's patients range from babies still in the womb to adults. They come to Boston Children's from all over the world, for care that combines the most advanced medical and surgical treatments, groundbreaking innovations and discoveries, and partnerships with each family's local doctors and care providers.

CENTERS OF EXCELLENCE



BCH's **Centers of Excellence** are multidisciplinary teams of specialists who come together to provide patients with collaborative, comprehensive, and customized expert care.

As home to the world's largest pediatric research enterprise, BCH offers patients unrivaled access to innovative treatments and technology through its world-renowned physicians and provides superior patient outcomes. Its multidisciplinary teams of experts give families the answers they seek, ensuring the best possible care, saving time, and minimizing the need for corrective procedures.

Boston Children's Hospital has established 19 Centers of Excellence, providing comprehensive care to the most complex patients.

1. AERODIGESTIVE CENTER
2. CENTER FOR ADVANCED INTESTINAL REHABILITATION
3. CENTER FOR AIRWAY DISORDERS
4. CEREBRAL PALSY AND SPASTICITY CENTER
5. CEREBROVASCULAR SURGERY AND INTERVENTIONS CENTER
6. CLEFT AND CRANIOFACIAL CENTER
7. COLORECTAL AND PELVIC MALFORMATION CENTER
8. EPILEPSY CENTER
9. ESOPHAGEAL AND AIRWAY TREATMENT CENTER
10. INFLAMMATORY BOWEL DISEASE CENTER
11. LIVER TUMOR CENTER
12. MATERNAL FETAL CARE CENTER
13. MIDAORTIC SYNDROME & RENOVASCULAR HYPERTENSION CENTER
14. MOTILITY & FUNCTIONAL GASTROINTESTINAL DISORDERS CENTER
15. PAIN TREATMENT CENTER
16. SPINA BIFIDA AND SPINAL CORD CONDITIONS CENTER
17. STROKE AND CEREBROVASCULAR CENTER
18. THYROID CENTER
19. VASCULAR ANOMALIES CENTER

CANCER & BLOOD DISORDERS CENTER



Dana-Farber/Boston Children's Cancer and Blood Disorders Center is an integrated pediatric hematology and oncology program through Dana-Farber Cancer Institute and Boston Children's Hospital. The Center offers an unrivaled breadth of treatment options for children and young adults with cancer and blood disorders. Patients also benefit from their vast pediatric subspecialty resources including neurologists, orthopedists, diagnostic imaging specialists, and pathologists that allow BCH to provide truly comprehensive care.

BCH focuses their expertise on five clinical areas – **Blood Disorder Center, Brain Tumor Center, Hematologic Malignancy Center, Liver Tumor Center, and Solid Tumor Center**. Within each center, patients are cared for by a team of specialists and subspecialists with extensive experience in the program areas they treat.

GENETICS AND GENOMICS



Founded in 1965, **Boston Children's has one of the largest pediatric genetics practices in the world** and experience with both common conditions and very rare conditions affecting just a few hundred children. They specialize in finding answers for complex and hard-to-diagnose genetic conditions, including applying new technologies through its research labs when existing genetic tests are negative or inconclusive.

Its large program includes more than 30 board-certified clinical geneticists, genetic counselors, dieticians, and nursing staff. BCH facilitates a variety of genetic tests, including tests for single or multiple genes, chromosomal studies, and whole-exome sequencing. Once a genetic diagnosis is made, BCH works with families to develop a care plan based on anticipated medical needs. Recent advances are beginning to open the door to correcting some genetic disorders through drugs, gene therapy, gene editing, and other genetic interventions.

RESEARCH LEADERSHIP

BCH is home to the world's largest pediatric research enterprise, and it has discovered and developed an extensive series of world-changing breakthroughs that have dramatically improved the health and well-being of countless children. Its work is fueled by a deep understanding of disease coupled with world-class discovery platforms, including genetics and genomics, gene editing, bioinformatics, proteomics, bioengineering, image analysis, multiple animal models, biobanks, and disease-specific stem cell lines. BCH has special expertise in rare disease discovery and sees large, highly diverse patient populations. Faculty from Boston Children's Hospital include two Nobel Prize winners, eight Lasker Award winners, and numerous members of the National Academy of Science, National Academy of Medicine, and other prestigious organizations.



BEDS
400+



SURGICAL PROCEDURES
27,000



RESEARCHERS
> 3,000

GENE THERAPY LEADER



The Boston Children's Hospital Gene Therapy Program is one of the leading and largest gene therapy programs in the world. Founded in 2010, its success is a result of its Program's research and clinical expertise, combined with its ability to translate laboratory discoveries into advances in patient care. BCH's core team focuses on gene therapy as a treatment. Their efficient enrollment processes allow children to move smoothly and quickly from study enrollment to treatment, and its one-of-a-kind satellite-training module supports referring physicians. Gene therapy is bringing new hope to patients with a wide range of difficult diseases, from sickle cell disease and hemophilia to debilitating brain and muscle diseases to life-threatening immune deficiencies. The Gene Therapy Program has more than 20 human trials completed or underway, with more in the pipeline.



LEADERSHIP

Kevin B. Churchwell, MD

President and Chief Executive Officer

"The commitment and compassion with which we care for all children and families is matched only by the pioneering spirit of discovery and innovation that drives us to think differently, to find answers, and to build a better tomorrow for children everywhere."

WEBSITES

HOSPITAL WEBSITE

<https://www.childrenshospital.org>

INTERNATIONAL PATIENT INFORMATION

<https://www.childrenshospital.org/international/become-a-patient>

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