

Heart Center Fact Sheet

Highlights in fiscal year 2013

- ▶ Ranked No. 1 in Cardiology and Heart Surgery by *U.S. News & World Report* in 2013–2014

Facility

- ▶ 72 cardiologists
- ▶ 8 cardiac surgeons
- ▶ 13 cardiac anesthesiologists
- ▶ 42 cardiology fellows
- ▶ 8 outpatient clinic locations
- ▶ 1 dedicated cardiac MRI suite
- ▶ 42 beds in the inpatient cardiac unit
- ▶ 3 cardiac-only operating rooms
- ▶ 29 beds in the cardiac intensive care unit

Procedures / Outcomes

- ▶ 1,564 cardiology discharges
- ▶ 869 cardiac surgery discharges
- ▶ 23,648 outpatient visits
- ▶ 4 catheterization labs and 1,406 catheterizations (758 interventional catheterizations)
- ▶ 860 open heart surgeries with a 98.5% survival rate
- ▶ 523 closed heart surgeries with 99.6% survival rate
- ▶ 17 heart transplants
- ▶ 5 ventricular assist devices implanted
- ▶ 1,186 cardiac MRIs
- ▶ 19,382 total echocardiograms (1,877 fetal)
- ▶ 670 total electrophysiology procedures
- ▶ 8 fetal interventions

From performing the first surgical repair of patent ductus arteriosus and coarctation nearly 80 years ago, to successfully completing more than 150 closed fetal cardiac interventions in recent years, Boston Children's Hospital's Heart Center is both a historic leader and a modern innovator in pediatric cardiology and cardiac surgery.

Our center—the largest of its kind in the United States—encompasses the full spectrum of cardiac care. We are home to dozens of sub-specialties and an internationally renowned faculty that performs close to 1,400 cardiac operations, nearly 700 electrophysiology procedures and over 1,400 catheterizations every year. And with groundbreaking treatments like staged left ventricle recruitment surgery for hypoplastic left heart syndrome, primary neonatal repair of transposition of the great arteries, and successful in-utero intervention for fetal aortic valve disease, we have dramatically improved survival rates for patients of all ages with congenital or acquired heart defects, including the rarest and most complex cases in the world.

National and global reach

The depth and breadth of the treatments, services and expertise offered through our Heart Center draw families from around the world who seek the best care possible for their loved ones. In fiscal year 2013 alone, over 30% of our patients came from outside of the New England region.

Research

For more than 50 years, Boston Children's has pioneered cardiovascular innovations that have dramatically improved survival rates and the quality of life for children born with heart defects.

Our Heart Center attracts major research support from granting agencies, including the National Institutes of Health and the American Heart Association. We have the nation's largest clinical and basic research program focused on pediatric heart

disease, and we are an innovator in translational research, bringing laboratory discoveries to the bedside as quickly as possible.

Training

The fellowship programs of the Heart Center train academically oriented leaders in the clinical care and laboratory and clinical investigation of pediatric cardiovascular disease. Fellowships are offered in Pediatric Cardiology and Cardiovascular Research, Cardiac Anesthesia and Pediatric Cardiac Surgery.

The Congenital Heart Surgery Observership Course provides participants with extensive exposure to advanced surgical techniques used for repair of congenital heart malformations, including cardiopulmonary bypass techniques and variations, minimally invasive techniques, robotic procedures and hybrid techniques.

Physician leadership



James E. Lock, MD
Chief of Cardiology



Pedro J. Del Nido, MD
Chief of Cardiac Surgery