

Pediatric Specialist Guide

A referral guide for health care providers



James Kasser, MD



Children's Hospital Boston

2009-2010

CHILDRENSHOSPITAL.ORG

CARDIAC SURGERY

Children's Hospital Boston's Department of Cardiac Surgery provides surgical care for infants, children and adults with congenital heart anomalies and some acquired conditions of the heart. Since 1938, when Dr. Robert Gross pioneered congenital heart surgery at Children's, this department has developed into the largest of its kind in the country, dealing with the entire range of simple to ultra-complex congenital heart disease. In 2008, the Department of Pediatric Cardiac Surgery performed 1,208 cases, including 766 open heart heart surgeries and 442 closed cases, with extraordinary success rates.

Children's has integrated specialized services for infants, children, adolescents and adults with complex cardiovascular conditions. Through the Cardiovascular Program, Children's cardiologists, cardiovascular surgeons, cardiac anesthesiologists and cardiac nurses work closely together to provide interdisciplinary care for a wide variety of complex cardiovascular conditions. By combining and coordinating the expertise of many specialists, each child's individual needs for medical and emotional care and each family's need for information and support can be met.

The department has expertise in the following areas:

- aortic and mitral valve repair
- **aortic stenosis and regurgitation**
- atrial septal defect*
- atrioventricular canal defect*
- anomalous coronary artery
- double outlet right ventricle
- Ebstein's anomaly
- heart transplantation
- hypoplastic left heart syndrome
- lung transplantation
- mitral stenosis and regurgitation
- neonatal surgery
- partial anomalous pulmonary venous return*
- patent ductus arteriosus*
- pulmonary atresia, intact ventricular septum
- pulmonary stenosis
- surgery for arrhythmias
- tetralogy of fallot with or without pulmonary atresia
- total anomalous pulmonary venous return
- tracheal stenosis
- transposition of the great arteries (complex; intact ventricular septum or VSD)
- truncus arteriosus
- valve regurgitation
- vascular ring*
- ventricular assist devices
- ventricular septal defect*
- **3D echo guided valve reconstruction**

**Children's heart surgeons have pioneered minimally invasive surgical techniques for these procedures, including video assisted thoracoscopy and robotic surgery.*

CLINICAL PROGRAMS:

Cardiovascular Program

Performing more than 3,000 surgeries and catheterizations each year, the Cardiovascular Program at Children's is the largest pediatric cardiovascular service in the United States.

Scheduling: 617-355-HART (4278)

Congenital Heart Valve Center

Rehabilitates/repairs congenital valve anomalies. The program's goal is to create a broad framework to advance knowledge and management for all forms of atrio-ventricular and semi-lunar heart valve disease.

Scheduling: 617-355-1914

CARDIAC SURGERY

Fetal Interventional Cardiology Program

Diagnoses and treats congenital heart defects *in utero*. Since 2001 when Children's doctors completed the first successful fetal heart surgery in United States history, they have performed more than 111 procedures.

Scheduling: 617-355-1499 or childrenshospital.org/fetalheart

Heart Failure/Heart Transplant Program

Evaluates children who are potential candidates for transplantation and manages the care of those who have received transplanted hearts. In 2008, the program performed 18 donor heart transplants and implanted 10 Berlin Hearts (8 single ventricle with ECMO and 2 bi-ventricle with ECMO).

Scheduling: 617-355-6329 or childrenshospital.org/hearttx

Lung Transplant Program

Evaluates and cares for children who are candidates for lung transplantation or who have received transplanted lungs. Conducts intensive research on cystic fibrosis and immunology. Since the programs inception in 1990, 63 bilateral, single, and heart-lung transplants have been performed, making it one of the busiest pediatric lung transplantation programs in the country.

Scheduling: 617-355-6681 or childrenshospital.org/lungtx

COMMUNITY	LOCATION	SCHEDULING
Boston	Children's Hospital Boston 300 Longwood Avenue, Bader 2 and Farley 2	617-355-HART (4278) 1-888-334-HART

CARDIAC SURGERY

del Nido, Pedro J., MD

*Chairman, Department of Cardiac Surgery
Senior Associate in Cardiac Surgery
William E. Ladd Professor of Child Surgery, Harvard
Medical School*

Children's Hospital Boston

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☎ 617-730-0214

✉ pedro.delnido@cardio.chboston.org

Board Certifications: Surgery, Thoracic Surgery

Specialties: aortic and mitral valve reconstruction;
reconstruction; cardiovascular surgery; minimally
invasive surgery (PDA + vasc ring); robotic surgery
surgery

Fynn-Thompson, Francis, MD

*Assistant in Cardiac Surgery
Instructor in Surgery, Harvard Medical School*

Children's Hospital Boston

☎ 617-355-6712

☎ 617-730-0214

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Board Certifications: Surgery, Thoracic Surgery

Specialties: arrhythmia surgery; cardiovascular
surgery; heart/lung transplantation; minimally
invasive surgery; ventricular assist devices

Pigula, Frank, MD

*Senior Associate in Cardiac Surgery
Associate Professor of Surgery, Harvard Medical*

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☎ 617-355-1914

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Board Certifications: Thoracic Surgery

Specialty: cardiovascular surgery

Emani, Sitaram, MD

*Assistant in Cardiac Surgery
Instructor in Surgery, Harvard Medical School*

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Board Certifications: Surgery, Thoracic Surgery

Specialties: cardiac intensive care; cardiovascular
surgery

Mayer, John E., Jr., MD

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Professor of Surgery, Harvard Medical School*

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Board Certifications: Thoracic Surgery

Specialties: cardiac transplantation; cardiovascular
cardiovascular surgery; pediatric cardiovascular
surgery