The physicians at the Children’s Heart Institute are academic faculty at The University of Texas Medical School at Houston and leaders in the field of pediatric heart care, providing a broad range of services for children with congenital and acquired heart disorders. Children with complex health problems that often accompany heart disorders benefit from comprehensive, multidisciplinary care delivered in collaboration with other departments within Children’s Memorial Hermann Hospital and through our affiliation with the UT Medical School.

When pediatric cardiac surgery is required, we provide outstanding treatment focused on the best possible outcome for each child in our care. Recent improvements in nonsurgical, catheter-based treatments allow pediatric cardiologists to offer patients less-invasive treatment options when appropriate.

Onsite sedation is available, with care provided by specially trained personnel.

**Scope of Expertise**

- Balloon angioplasty and valvuloplasty
- Diagnostic and therapeutic cardiac catheterization
- Diagnostic fetal cardiology and genetic counseling
- Early one-stage corrective surgery
- Electrophysiology and other noninvasive imaging
- Expert diagnosis of cardiac problems
- Fetal cardiology
- Fetal and pediatric echocardiography

**Diagnostic and Therapeutic Tools**

- 3-dimensional electrophysiological mapping
- Angiography
- Cardiac ablation
- Cardiac CT
- Cardiac MRI
- Computer-aided diagnosis
- Dobutamine echocardiogram
- Electrocardiogram
- Extracorporeal membrane oxygenation (ECMO)
- Fetal echocardiograms
- Intensive care medicine
- Neonatal cardiac surgery
- Pacemaker implants
- Pediatric cardiac surgery
- Preventive cardiology
- Transcatheter device closure of cardiac septal defects
- Clinical trials and studies
- Fluoroscopy
- Holter monitor
- Implantable defibrillator
- Nuclear medicine
- Oximetry
- PET/CT
- Stress echocardiogram
- Transesophageal echocardiogram
- Transthoracic echocardiogram
- Vascular ultrasound

Pictured here is Cleimar, a Children’s Heart Institute patient.
Prevention
Our medical staff pays special attention to prevention, encouraging parents to reduce their child’s risk factors – hypertension, obesity, poor nutritional habits and lack of exercise. Treatment may be as simple as dietary modifications or cholesterol-reducing medications.

Partnership with Referring Physicians
Throughout the evaluation and treatment process, we keep referring physicians informed about patient progress, both in writing and by phone. After a patient’s first office visit, referring physicians receive a summary of the initial diagnosis, pending tests and treatment options. In cases that involve surgery, a second follow-up report details surgical outcomes and post-op therapy.

Child Life
Our Child Life Specialists empower children, adolescents and their families to master challenging life events related to illness, injury and hospitalization. Trained Child Life Specialists work collaboratively with other health team members to care for the total child and mobilize appropriate family and community resources.

Care is based on the highly specialized Child Life assessment process with continuous evaluation and reassessment of intervention and priorities. We promote play to facilitate healing, coping, self-expression, creativity, achievement and learning. Our specialists make every attempt to meet the emotional, developmental and psychosocial needs of our young patients and their families, with emphasis on understanding of illness or injury and progression to an optimal level of wellness.

Contact Us
**UT Pediatric Cardiology**
6410 Fannin, Suite 500
Houston, TX 77030
Patient referrals - 832.325.6516
Physician-to-physician consults - 832.325.7120
Fax - 713.512.2226

**UT Pediatric Cardiovascular Surgery**
6410 Fannin, Suite 1400
Houston, TX 77030
Patient referrals - 832.325.7234
Physician-to-physician consults - 713.500.7339
Fax - 713.512.2221

**Children’s Transport Team**
(To transfer a patient to Children’s Memorial Hermann Hospital)
713.704.2500
1.800.392.5433