

Fetal Heart Program



The Fetal Heart Program at Cincinnati Children's provides comprehensive evaluation of fetal conditions before birth, giving babies the best chance for long-term success. As part of one of the leading heart institutes in the nation, we are dedicated to taking a comprehensive and compassionate approach to pregnancy for mothers whose fetuses have been diagnosed with structural or functional heart disease before birth.

CONTACT US

For patient referrals and non-urgent consultation during business hours:

Phone: **1-800-344-2462 ext. 6-9931**
or **513-636-9931**

Email: FetalHeartProgram@cchmc.org

For international inquiries:

Phone: **+1-513-636-3100**
Email: international@cchmc.org

www.cincinnatichildrens.org/fetal-heart



The Heart Institute at Cincinnati Children's is part of the Joint Heart Program.

A collaboration between Cincinnati Children's and Kentucky Children's Hospital, the Joint Heart Program is ranked nationally by *U.S. News and World Report*.

HOW WE'RE DIFFERENT

The Fetal Heart Program is housed within a pediatric cardiology and heart surgery program that has some of the country's top surgical outcomes. Our specialists have the expertise to provide advanced care for the most complex cases.

- We offer **exemplary care** to the mother and fetus through diagnosis and delivery planning as well as through preparing, educating and supporting the families.
- We manage fetal heart conditions through an **interdisciplinary approach**. The fetal heart team works together with parents and referring providers to provide a customized care plan for each patient. Our families consult with some of the nation's top experts, including cardiologists, cardiac surgeons, neonatologists, genetic counselors, maternal-fetal medicine specialists, psychologists, education specialists and social workers.
- In recognition of the importance of maternal and paternal mental health, our psychologists and social workers offer **comprehensive, family-centered psychosocial care** for women and their partners. This specialized service is offered from the time of fetal cardiac diagnosis, throughout pregnancy and the perinatal period. Consultations can be provided in-person or via telemedicine, to support timely access to psychosocial care.
- In certain circumstances, some patients are able to deliver in the **Cincinnati Children's Fetal Care Center Special Delivery Unit** on our main hospital campus. This allows for prompt transfer of the baby to the Cincinnati Children's cardiac intensive care unit to provide access to high-level care by cardiac specialists, while keeping mom and baby close together.
- The Heart Institute offers **remote fetal tele-echocardiography capabilities**, which enable hospital or clinic to transmit recorded and live echocardiographic images to an attending cardiologist from external facilities using high-speed internet. This type of program would offer convenience to patients through faster, easier access to highly specialized fetal echocardiography services.





2,689

Fetal echocardiogram evaluations

559

Cardiothoracic surgeries

317

Cardiothoracic surgeries on babies <1 year old

40 years

Our fetal heart cardiologists have more than 40 years of combined experience

57

Cardiac deliveries in the Special Delivery Unit (157 total SDU deliveries)

94.74%

Infant survival to discharge

Data from July 2021–June 2022

A UNIQUE COLLABORATION

We partner with the Cincinnati Children's Fetal Care Center, which is the only comprehensive center in the Midwest for fetal evaluation, diagnosis and treatment. The Fetal Center is a collaboration among Cincinnati Children's, TriHealth's Good Samaritan Hospital and the University of Cincinnati Medical Center. It is one of a very few centers in the world affiliated with a top children's hospital, two Level III maternity hospitals, and two Level III and one Level IV newborn intensive care units.

SECOND OPINIONS

Our team regularly provides second opinions that can reassure patients they are receiving the best possible care elsewhere, or offer insights about other treatment options available at Cincinnati Children's.

COMMON CONGENITAL CARDIAC CONDITIONS WE TREAT

Structural Heart Disease

- Hypoplastic left heart syndrome (HLHS)
- Tricuspid atresia
- Atrioventricular septal defect/AV canal defect
- Tetralogy of Fallot
- Aortic valve stenosis/critical aortic stenosis
- Ebstein's anomaly
- Coarctation of the aorta
- Pulmonary valve stenosis/critical pulmonary stenosis
- Transposition of the great arteries
- Pulmonary atresia with intact ventricular septum
- Double outlet right ventricle
- Other forms of complex congenital heart disease

Fetal Arrhythmias

- Supraventricular tachycardia (SVT)
- Atrial flutter
- Heart block

Fetal Cardiac Dysfunction

- Cardiomyopathies
- Twin-twin transfusion syndrome (TTTS)
- Vascular malformations
- Twin reversed arterial perfusion (TRAP) sequence
- Sacrococcygeal Teratoma

TREATMENT TEAM

Fetal Cardiology Team

James Cnota, MD
Director of Fetal Heart Program

Allison Divanovic, MD
Associate Director, Fetal Heart Program

Eunice Hahn, MD
Associate Director, Cardiology Fellowship Program

Meagan Peek, MD
Pediatric Cardiologist

Christopher Statile, MD
Medical Director, Outpatient Services

Garick Hill, MD, MS
Associate Director, Echocardiography Program

Elisa Marcuccio, MD
Associate Director, Acute Care Cardiology

Cardiothoracic Surgery Team

David Morales, MD
Executive Co-director and Director of Cardiothoracic Surgery

Carl Backer, MD
Chief of Pediatric Cardiac Surgery, Kentucky Children's Hospital

David Lehenbauer, MD

David Winlaw, MD

Behavioral Medicine and Clinical Psychology Team

Nadine Kasparian, PhD
Director, Heart and Mind Wellbeing Center

Michelle Ernst, PhD

Stacey Morrison, PsyD