

SERVICES

At Children's Minnesota, we specialize in diagnosing and treating heart and blood vessel conditions that affect kids. We offer leading-edge techniques for treating kids' heart conditions — from before birth and into adulthood with a team that has a wealth of proven experience. The cardiovascular program at Children's Minnesota:

- Provides diagnosis and treatments for all forms of congenital and acquired cardiac diseases, along with 24/7 consultation services.
- Offers diagnostic and less invasive services, including but not limited to:
 - Arrhythmia monitoring
 - Cardiac catheterization
 - Early fetal cardiac screening and diagnosis (14-16 weeks gestational age)
 - Echocardiography
 - Electrocardiography (EKG)
 - Electrophysiology studies
 - Fetal cardiac screening and diagnosis
 - Genetic testing
 - Pacemaker interrogation
 - Pediatric cardiac CT scans and CT angiography
 - Pediatric cardiac MRIs/MRA
 - Stress testing
- Provides surgical therapies, including:
 - Anomalous coronary artery
 - Aorto-pulmonary shunt repair
 - Aortic valve repair/valvotomy and replacement
 - Arterial switch operation
 - Ascending aortic augmentation (replacement)
 - Atrial septal defect repair
 - AVSD repair
 - BCPS/BDG
 - Bi-directional Glenn shunt procedure
 - Coarctation of the aorta repair
 - Diaphragm plication
 - Fontan procedure
 - Generator change
 - Heart transplant
 - Interrupted aortic arch repair
 - Intra-cardiac defibrillator
 - Mitral valve repair
 - Norwood procedure
 - Pacer placement
 - Partial anomalous pulmonary venous repair
 - Patent ductus arteriosus
 - Pericardiostomy
 - Pulmonary valve replacement
 - Ross procedure
 - RV-PA conduit (includes homografts)
 - Subaortic stenosis repair
 - Tetralogy of Fallot repair
 - Total anomalous pulmonary venous repair
 - Truncus arteriosus repair
 - Tricuspid valve repair/replacement
 - Vascular ring obstruction repair
 - Ventricular Assist Device (VAD)
 - Ventricular septal defect repair
- Offers Extracorporeal Membrane Oxygenation (ECMO) treatments, including:
 - Temporary ventricular assist device repair/valvotomy
 - Venous-arterial ECMO
 - Venous-venous ECMO
- Offers multidisciplinary clinics, such as:
 - Adult congenital clinic
 - Fetal diagnosis and treatment clinic
 - Heart failure clinic
 - Lipid clinic
 - Neurodevelopmental follow-up clinic
 - Velocardiofacial (VCF) syndrome clinic

Children's Minnesota Physician Access



ONE-CALL
24/7
RESOURCE

866-755-2121

referrals • consultations • admissions • transport

BY THE NUMBERS

WE ARE THE MARKET SHARE LEADER

in
PEDIATRIC CARDIAC SURGERIES
in the state of Minnesota

200 DEDICATED PROFESSIONALS

from Children's Minnesota and The Children's Heart Clinic — including 20+ pediatric cardiologists and intensivists and **three pediatric cardiovascular surgeons** — making us the largest pediatric cardiovascular team in the Upper Midwest.



11 CLINICS

Our outpatient clinics serve patients throughout the region and many offer same-day appointments for urgent needs.

12,000+ HEART SURGERIES

have been performed at Children's Minnesota since the inception of the cardiovascular program in 1973.

ANNUALLY

450+ PATIENTS

treated by Children's Minnesota cath lab

11,000+ EKGs

performed or interpreted

12,000+ ECHOs

performed or interpreted

400+ SURGERIES

1,400+ FETAL HEARTS SCANNED

for heart abnormalities



DAILY TEAM ROUNDS

on every inpatient in our cardiovascular care center.

The entire care team, families and referring providers can hear the care plan and ask questions.



24/7 ONSITE CARE

BY PEDIATRIC CARDIAC INTENSIVISTS BRINGING THE HIGHEST LEVEL OF CARE TO THE BEDSIDE.

ONLY CARDIOVASCULAR CARE CENTER

in the Upper Midwest with all its pediatric services conveniently located on the same floor and in a single building.



TEAM

Children's Minnesota collaborates with a team of doctors, nurse practitioners, nurses and more to provide expert care to babies, children, teens and adults born with heart defects. Children's Minnesota has cardiovascular specialists with years of experience and outcomes among the best in the country. See profiles for the doctors and nurse practitioners in the cardiovascular program by visiting childrensmn.org/CVTeam.

CARDIOLOGY



Daniel Beissel, MD
Pediatric Cardiology



David Burton, MD
Adult Congenital Heart Disease



Christopher Carter, MD
Medical Director, Electrophysiology



Bradford Chu, MD
Pediatric Cardiology, Fetal Cardiology



Erik Edens, MD, PhD
Medical Director, Heart Failure and Transplant



David Gremmels, MD
Chief, Cardiology; Medical Director, Echocardiography and Fetal Cardiology



B. Kelly Han, MD
Medical Director, Advanced Cardiac Imaging



Christine Hills, MD
Medical Director, Outreach



Lisa Howley, MD
Medical Director, Fetal Cardiology



Joanna Lowisz, DO
Pediatric Cardiology, Fetal Cardiology



Rodrigo Rios, MD
Pediatric Cardiology, Fetal Cardiology



Rodrigo Rios IV, MD
Interventional Cardiology



Andrew Schneider, MD
Electrophysiology



Charles Shepard, MD
Pediatric Cardiology, Advanced Cardiac Imaging



Ian Thomas, MD
Pediatric Cardiology



Marko Vezmar, MD
Medical Director, Catheterization

SURGERY



Robroy MacIver, MD
Director, Heart Failure and Transplant



Francis Moga, MD
Associate Chief, Cardiovascular Surgery



David Overman, MD
Chief, Cardiovascular Surgery



Jennifer Frost, PA-C



Leah Zupancich, PA-C

ANESTHESIOLOGY



David Dassenko, MD
Medical Director, Pediatric Cardiac Intensive Care Unit

INTENSIVISTS



Kendra Gram, MD
Medical Director, ECMO



Kristine
Hendrickson, MD



Robert Horvath-
Csongradi, MD



Marnie Huntley,
MD



Niyati Patel, MD



Kelly Rood, MD



Kimberly
Watkins, MD

ADVANCED PRACTITIONERS



Jocelyn Berbee,
MS, RN, CNP



Brittany Jackson,
APRN



Beth Johnson,
PNP



Stephanie
Karides, APRN



Amy Lund,
APRN, CPNP



Steven McDonald,
APRN, CNP



Gretchen
McGuire, APRN,
CNP



Nathan Neis,
DNP, RN, ACNP



Heidi Shafland,
APRN, CNP



Elizabeth Wagner,
APRN, CPNP



Amy Weiler,
APRN, CNP

Not pictured:
Holly Thompson, NP

LOCATIONS

The pediatric cardiovascular specialists are available at our cardiovascular care center, the only one in the Upper Midwest with all its pediatric services conveniently located on the same floor and in a single building, and at our outpatient locations throughout the region.



INPATIENT Hospital



Edward J. Phillips
Cardiovascular Care Center
2525 Chicago Avenue South
Minneapolis, MN 55404

OUTPATIENT Clinics

The Children's Heart Clinic, in partnership with Children's Minnesota, delivers an expansive outpatient clinic experience to support same-day appointments for urgent needs.

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MINNESOTA