

Seattle Children's Heart Center

Most Frequently Treated Conditions

Congenital heart defects
Rhythm disturbances
Heart failure/heart transplantation
Acquired heart abnormalities
(e.g., Kawasaki disease)
Transitional care for young adults
with congenital heart defects

Call 206-987-2515 for information
or to make an appointment.

Heart Center Leadership

Michael McMullan, MD
Surgical Director, Cardiac Transplant;
Director, Mechanical Cardiac
Support and ECLS Services, Clinical
Co-Director, Heart Center

Mark Lewin, MD
Division Chief, Cardiology
Professor, Pediatrics
Clinical Co-Director, Heart Center

Joanie Blanchard, RN, MN
Director, Heart Center



One of the Nation's Best Heart Centers

With wide-ranging expertise, proven outcomes and a focus on innovative therapies, Seattle Children's Heart Center is one of the best pediatric cardiology programs in the country, according to U.S. News & World Report.

We offer same- or next-day appointments for urgent cases. For most other needs, we offer appointments within seven days. From our main campus in Seattle to the Arctic Circle, our outreach program covers nearly a million square miles at more than 20 sites of care. Our cardiologists and surgeons partner with community providers to manage heart issues in their practices.

We have experience diagnosing and treating every kind of heart problem, from less complex conditions such as arrhythmia and heart murmurs to acute issues requiring surgery or transplantation. Our specialties include:

Prenatal Diagnosis — We offer prenatal diagnosis and management at seven sites in Washington and Alaska. By combining our expertise with the latest technologies, we are able to detect congenital heart defects as early as 14 weeks' gestation.

Cardiac Catheterization — As a national leader in the field of interventional catheterization, we're developing new devices to help diagnose and treat heart problems, offering less invasive alternatives to surgery. Our two catheterization laboratories are equipped with the latest technology to perform the most complex procedures.

Arrhythmia Program — We provide treatment and evaluation of children with simple to complex heart rhythm irregularities. We assess the need for and implant pacemakers and defibrillators and consult with community physicians about concerns that arise during athletic screenings or routine physicals.

Adult Congenital Heart Disease Transitional Program (ACHD) — Teens with congenital heart problems have unique needs best understood by pediatric cardiologists. Partnering with UW Medicine, Seattle Children's cardiologists trained in both pediatric and adult cardiology help teens transition into adult healthcare settings.

Learn More:
seattlechildrens.org/heart





Heart Surgery Program

Seattle Children's heart surgeons perform more than 500 operations a year, from straightforward repairs like closing a hole or tying off a blood vessel, to the highly complex Norwood procedure for hearts with too few chambers. Seattle Children's transplanted 21 hearts in 2015, making it the busiest center in the country. More importantly for the children who received those grafts, Seattle Children's outcomes are among the best in the nation.

Charting the Future of Cardiac Care

Our specialists continually extend the horizon for what's possible in cardiac care. Heart Center research focuses on fetal diagnosis and treatment, minimally invasive surgery, advanced cardiac therapies, molecular cardiology, stem cell research, pulmonary vascular disease research and outcomes analysis.

- With the only hospital-based **mobile ECMO** team on the West Coast, we provide emergency transport for critically ill patients in Washington, Oregon, Idaho, Montana and Hawaii.
- Our **HeartMAP™ Simulator** replicates an individual patient's heart, allowing surgeons and cardiologists to realistically simulate procedures.
- Our surgeons are leaders in using new techniques, such as **hybrid procedures**, for children with complex heart problems. This approach combines surgery and cardiac catheterization. Hybrid procedures can be lifesaving for babies who are too sick to go through open-heart surgery.
- We offer the full breadth and depth of **mechanical heart support devices**, from temporary pumps to fully implantable ventricular assist devices that allow home discharge while awaiting transplant.
- Our **Heart Transplant program** was the first and remains the only program in our region to offer innovative treatments that include ABO blood group–mismatched transplants so babies do not have to wait as long for a transplant, as well as tissue typing, blood banking and immune system treatments, so children who otherwise would not qualify for a heart transplant can be successfully transplanted.

