

Pediatric Specialty Spotlight is a monthly Children's Hospital of Michigan (CHM) publication that provides information on a single pediatric subspecialty with information that is relevant to the practice of community physicians, mid-level providers and allied health professionals.

Pediatric Transplant Services

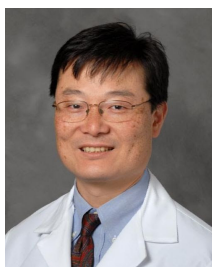


One focus. One purpose. Your child.

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Pediatric Transplant Services



Children's Hospital of Michigan is ranked as one of America's best pediatric hospitals by U.S. News & World Report. As the only Transplant Center in metropolitan Detroit exclusively for pediatric patients, Children's Hospital of Michigan has a long history of providing lifesaving transplant services for kidney, heart, liver as well as bone marrow transplants for children in need. Led by Dean Kim, MD, Director of the Pediatric Transplant Program, the Transplant Center combines the expertise of nationally recognized medical and surgical experts on the medical staff who are specially trained in pediatric transplantation.

Patients and their families who experience the services of Children's Hospital of Michigan Transplant Center will encounter a child-friendly environment designed to put infants, children, teens and their parents at ease. While the primary goal is improving children's health and saving lives through transplantation, significant time and resources are also devoted to the emotional, psychological and financial needs of patients and their families.

Children's Hospital of Michigan Physician Link Line 1-877-994-8436

Pediatric specialists are available 24/7 for a physician-to-physician consultation.

Physician offices can call the Physician Link Line to:

- Schedule urgent as well as non-urgent specialty appointments and receive clinic visit notes.
- Directly admit or transfer a patient
- Check the status of a patient
- Obtain a physician-to-physician consult
- To dispatch PANDA One transport team



Kidney Transplants

The Kidney Transplant Program at Children's Hospital of Michigan, is a multidisciplinary program designed for the special needs of children and teens with kidney disease. The program combines the expertise of pediatric nephrologists and pediatric kidney transplant surgeons on staff at Children's Hospital of Michigan and together these staff members have vast experience performing living-donor and deceased-donor kidney transplants. The program has been in existence since 1969 and since then has performed more than **400 successful pediatric kidney transplants** with an average of 8-10 per year.



Pediatric transplant specialists use a multidisciplinary approach to care, working closely with pediatric urologists, pediatric anesthetists and specially trained pediatric nurses, pre- and post-transplant coordinators, social workers, dietitians, a pharmacist and a child psychologist. A financial coordinator is also available to help families navigate their medical insurance requirements and identify other financial resources as needed.

For optimal convenience, patients are able to consolidate their visits to the hospital and meet with multiple pediatric specialists during a single day. All members of the Kidney Transplant Program meet weekly to discuss each child's unique needs and develop customized pre- and post-transplantation care plans for the best outcomes.

Liver Transplants

The Pediatric Liver Disease and Transplant Program at Children's Hospital of Michigan provides a continuum of care for children and teens with liver disease. From expert evaluation and medical management of liver disease to living-donor and deceased-donor liver transplantation, Children's Hospital of Michigan is metropolitan Detroit's only pediatric liver transplant program and a leader in pediatric liver disease care.

Children and families are cared for by a multidisciplinary team including specialists in pediatric hepatology and transplant surgery. The dedicated team includes pediatric nurse transplant coordinators, social workers, dietitians, pharmacists and a financial coordinator. Other pediatric specialists involved in the care of patients include specialists in gastroenterology, infectious diseases, hematology/oncology, psychology and pediatric anesthesia. Nurses and ancillary staff, including child life specialists, support the care of our patients and families in a family-centered care environment. The team meets regularly to review



each patient's plan of care and develops an individualized comprehensive plan of care focused on best outcomes, including optimal quality of life. The medical management team has provided care to hundreds of children with liver disease and have extensive experience performing liver transplants.

Heart Transplants



The Pediatric Heart Transplant program at Children's Hospital of Michigan was established 24 years ago and since its first heart transplant in 1998, we have performed 115 heart transplants in children and young adults with congenital heart disease.

As one of only two United Network for Organ Sharing (UNOS)-approved programs in the state of Michigan and the only program in Metro Detroit, Children's Hospital of Michigan offers multidisciplinary care to children with

cardiomyopathy and heart failure, and post heart transplant patients in outpatient and inpatient settings. The multidisciplinary heart transplant team comprises of two heart transplant cardiologists, two cardiovascular surgeons, transplant nurse practitioners, transplant social worker, transplant nutritionist, transplant psychologist and transplant pharmacist among others.

An established Advanced Heart Failure Program is in place to evaluate and optimize medical therapy and if necessary, offer short term or durable ventricular assist devices (VADs) as a bridge-to-transplant or bridge-to-recovery. The pediatric cardiovascular surgeons at Children's Hospital of Michigan are among the few in the nation with expertise in a wide range of ventricular assist devices used in pediatric heart failure. The ECMO program at Children's Hospital of Michigan is designated as an Extracorporeal Life Support Organization (ELSO) Distinguished Center of Excellence and Children's Hospital of Michigan is one of only a few hospitals in Michigan to provide this level of advanced care to children.

Children's Hospital of Michigan participates in the Society of Thoracic Surgeons (STS) Congenital Heart Surgery Database, which provides data on Operative and Adjusted Operative Mortality. Further information can be found [here](#).

Bone Marrow Transplants

In 2007, Children's Hospital of Michigan opened the region's only pediatric bone marrow transplant unit. The advanced unit includes private rooms equipped with cutting edge monitoring equipment and a HEPA filtration system to ensure the environment is highly protective against infection, a major complication for patients undergoing bone marrow transplants, and cutting-edge monitoring equipment.



The Division of Hematology/Oncology's [Bone Marrow Transplant team](#) at Children's Hospital of Michigan provides expert care to children during allogeneic and autologous hematopoietic stem cell transplantation performed using related or unrelated donor bone marrow, peripheral blood or umbilical cord blood hematopoietic stem cells, matching either full, partial or 50% (haploidentical) in partnership with the Barbara Ann Karmanos Cancer Center. The Division participates in clinical therapeutic trials in collaboration with Children's Oncology Group, Barbara Ann Karmanos Cancer Center, Pediatric Transplant and Cellular Therapy Consortium, Clinical Trials Network, and the University of Virginia. Pre- and post-transplantation medical and psychosocial support services are also available.

Children's Hospital of Michigan PANDA One is Taking Flight!

When pediatric patients need emergency transport, Children's Hospital of Michigan **PANDA One** (Pediatric and Neonatal Dedicated Ambulance) is Michigan's only dedicated pediatric and neonatal ambulance service and team. This talented group of highly trained PANDA One nurses with expertise and certifications in advanced pediatric and neonatal life support, lead this team. Every day they stand ready to transport sick or injured children who need specialized

pediatric medical or surgical care from referring hospital intensive care units, emergency rooms and private physician offices. PANDA One is available 24/7 and is equipped to transport a variety of patients from extremely small preterm infants to children through age 21.



We are excited to announce that we recently added helicopter service to PANDA One transport service. Based out of Flint, the helicopter transport service will allow our critical care transport team to provide intensive care services to remote locations throughout Michigan as well as reach patients faster to initiate the first step of comprehensive pediatric care. Click [here](#) to learn more.

PANDA One Critical Care Transport team can be arranged by calling our 24/7, pediatric nurse staffed **Physician Link Line** at **877-99-4THEM (8436)**..



Nationally Ranked — AGAIN —



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of Michigan | DMC

One focus. One purpose. **Your child.**



We help children and their families live happier, healthier lives by engaging our Children's Hospital of Michigan family with theirs and by making every moment matter.