Diseases That Can Lead to Liver Failure

Acute liver failure
- Fulminant hepatic failure
- Acute viral hepatitis
- Wilson's disease
- Drug- and toxin-induced liver failure

Chronic liver failure
- Biliary atresia
- Chronic hepatitis B and C
- Alpha 1-antitrypsin deficiency
- Cystic fibrosis liver disease
- Primary sclerosing cholangitis
- Familial intrahepatic cholestasis

Tumors
- Hepatoblastoma
- Hepatocellular carcinoma

Metabolic disorders
- Urea cycle disorders
- Glycogen storage diseases
- Crigler-Najjar
- Primary hyperoxaluria
- Maple syrup urine disease

Leading Innovations in Liver Transplant

Ever since we performed the Northwest's first pediatric liver transplant in 1990, Seattle Children's has advanced clinical, immunosuppressive and surgical innovations in liver transplantation. With some of the best patient outcomes in the country, our internationally acclaimed transplant team is dedicated to research and advocacy efforts that improve the future for all transplant patients. Children's remains the only pediatric liver transplant program in Washington, Oregon, Montana, Idaho, Alaska and Hawaii. As the regional specialty center for pediatric liver failure, we have the expertise and equipment to care for children and teens with complex, chronic conditions. We are developing the next generation of providers through our Pediatric Advanced Transplant Hepatology fellowship.

Excellent Survival Rates

Our outcomes are among the best in the nation for pediatric liver, kidney and heart transplants. Since 1990, Children's transplant surgeons have performed over 260 pediatric liver transplants. Of the 33 liver transplants performed between January 2013 and June 2015, our expected one-year survival rate was 89.09% and our actual survival rate was 96.97%.
Wide-reaching Efforts to Better Quality of Life

Whether in the operating room or lobbying to improve organ donor policies, we are committed to providing the best-possible transplant experience for patients and their families. Here are some of the ways we work on their behalf:

• By employing the latest therapies — including living donor transplants, ABO-incompatible transplants, reduced-size transplants and split-liver transplants — we are shortening the amount of time children wait for donor organs.

• We are clinical contributors to Studies in Pediatric Liver Transplantations (SPLIT), the most-comprehensive multicenter database on pediatric liver transplant. SPLIT provides vital data to the pediatric transplant community and helps us improve the ways we serve families.

• As part of the United Network for Organ Sharing (UNOS), we work to change and improve national pediatric organ policies so that children move nearer to the top of the recipient list.

• Transplant families generally experience their most-difficult challenges as children learn to live with their new organs. Our transplant nurse coordinators help ease the transition as patients adjust to home care regimens. Referring providers have 24/7 access to our transplant specialists.

• Seattle Children’s has the Northwest’s only dedicated pediatric hepatologists and they are national leaders in cholestatic liver disease and viral hepatitis research and care.

• In 2016, Optum’s Clinical Sciences Institute once again named our liver transplant program a Center of Excellence. We were also named a Program of Excellence by Cigna LifeSOURCE.