

division update

fall 2021

same-day surgery program

Families continue to take advantage of the convenience of the same-day surgery program with the division of pediatric surgery at Dayton Children's south campus.

The same-day surgery program is intended for patients with inguinal and umbilical hernias, as well as circumcision, undescended testicles, ingrown toenails, hydrocelectomy and frenulectomy. The program allows families the ability to schedule a surgical consult and the operation on the same day.

Program benefits:

- Minimizes time away from school and work
- Surgery is performed on a Friday; most kids recover over the weekend and return to school the following Monday
- Reduced office visits and time spent in a healthcare setting including post-op visit. Families have the option to do a video visit, receive a phone call or make an in-person appointment.

welcome Dr. Wynne



Welcome Elisabeth Wynne, MD, Dayton Children's newest and first female pediatric surgeon.

The Columbus native brings additional capacity and expertise in minimally invasive neonatal and thoracic surgery to the Dayton Children's team.

While born in Columbus, Ohio, Dr. Wynne was raised just outside of Washington D.C. She attended the University of Virginia for undergraduate studies where she graduated with highest distinction in biomedical engineering. Over the next four years she would remain in Virginia earning her medical degree at the University of Virginia School of Medicine.

After medical school, Dr. Wynne completed a general surgery residency at Washington University in St. Louis School of Medicine. During her residency she completed a postdoctoral research fellowship in Biodesign – Medical Device Innovation at Stanford University School of Medicine in Stanford, California. After residency, she went on to complete her postdoctoral fellowship in Pediatric Surgery at University of Utah in Salt Lake City.

After moving from coast-to-coast for her education, Dr. Wynne is excited to return to Ohio, where she will be closer to family while working at a top children's hospital.

what made you choose pediatric surgery as your specialty?

Two reasons: First is the ability to work with children. They are the best patient population (though I am biased). Second, I love the technical aspect of pediatric surgery. We have a wide range of cases that we perform on patients spanning in size from a small premature infant to a young adult.

do you have any special interests within pediatric surgery?

I enjoy pediatric general surgery because it allows me to operate everywhere! That being said, I'm particularly interested in minimally invasive neonatal and thoracic surgery.

why do you like working with children?

Children are incredibly resilient, and I love being able to help them through a trauma or illness and get back to the activities they enjoy! You know a child is improving when you walk into their hospital or clinic room and see them playing happily.

what do you enjoy doing in your free time outside of work?

Outside of work I love spending time with my family. My husband and I have a 3-month-old son who currently occupies most of our free time. Additionally, we enjoy traveling, hiking and trying new restaurants!

providing treatment for patients with biliary atresia

what is biliary atresia?

Biliary atresia is a condition that affects the liver and bile ducts. Biliary atresia is a rare disease that occurs in about one in 12,000 infants in the U.S. Symptoms usually start between two to eight weeks after birth.

With biliary atresia there is scarring on the bile ducts. Bile ducts carry bile from the liver to the intestine. Bile is an important fluid for digesting food. When bile cannot get out of the liver it causes damage. Damaging the liver can cause liver failure. The cause of biliary atresia is unknown.

how does Dayton Children's treat biliary atresia?

Babies born with biliary atresia are provided a seamless continuum of care from our expert pediatric surgeons and pediatric gastroenterologists at Dayton Children's within the congenital gastrointestinal surgery program.

Biliary atresia is treated initially with a surgery known as a Kasai procedure. The Kasai procedure is done to improve bile flow from the liver into the intestine. The surgeon will remove the damaged parts of the bile duct and identify smaller ducts that are still working correctly.

The surgeon will then connect the working bile ducts to the intestines. In many babies this connection allows bile to flow like it should in a healthy biliary system.

what are the signs of biliary atresia in babies?

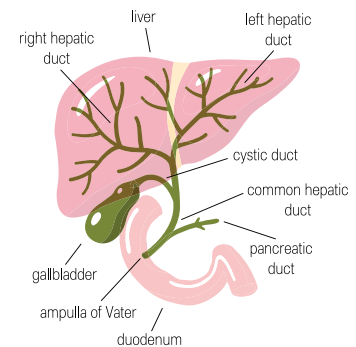
Babies with biliary atresia usually seem healthy when they are born. When a baby begins to show signs of jaundice, white-or-clay-colored stools, dark urine, poor growth, weight loss or irritability, they may be experiencing symptoms of biliary atresia. Because babies can have these symptoms due to different conditions, diagnosing biliary atresia requires testing.

what are the benefits of a Kasai procedure?

If done successfully, the Kasai procedure may slow liver damage and delay, or prevent, complications and the need for a liver transplant. The earlier we can do the procedure, the more effective it may be.

will patients end up needing a liver transplant?

Most children with biliary atresia will eventually need a liver transplant, even if their Kasai procedure is



successful. If complications arise shortly after surgery, a liver transplant may be needed more immediately. For others, after a successful procedure, a liver transplant may not be needed for years or decades.

why don't all children's hospitals offer the Kasai procedure for babies with biliary atresia?

Biliary atresia is a rare disease that occurs in about one in 12,000 infants in the United States. Rare diseases don't provide as many opportunities for surgeons to become proficient in surgeries and procedures. Dr. Daniel Robie, associate chief medical officer and surgeon-in-chief at Dayton Children's Hospital has performed dozens of Kasai procedures in his 30-year career as a pediatric surgeon. His reputation provides Dayton Children's with the ability to offer this procedure for patients in the Greater Dayton Area and beyond.

your Dayton Children's pediatric surgery team



Dr. Arturo Aranda,
pediatric surgeon,
chief, division of
pediatric surgery,
chairman of surgery,
professional staff



Dr. Jeffrey Christian,
pediatric surgeon,
director of chest wall
malformations center



Dr. Jeffrey Pence,
pediatric surgeon,
director of trauma
program



Dr. Oliver Soldes,
pediatric surgeon,
NSQIP program
director



Dr. Elisabeth Wynne,
pediatric surgeon



Dr. Daniel Robie,
pediatric surgeon,
associate chief
medical officer and
surgeon-in-chief