



THE UNIVERSITY OF CHICAGO COMER CHILDREN'S HOSPITAL

Pediatric General Surgery and Pediatric Minimally Invasive Surgery

The new University of Chicago Comer Children's Hospital is a state-of-the-art medical center with a kid-friendly, family focus. Our teams of pediatric experts develop individualized treatment plans for each child. They also successfully treat complex conditions.

In addition to advanced technology, our hospital offers private rooms and in-room sleeping accommodations for parents, as well as group play areas for kids. Our pediatric care is ranked among the best in the country by *U.S. News & World Report*.

WHY CHOOSE US FOR YOUR CHILD'S SURGERY?

Doctors at the University of Chicago Comer Children's Hospital are pioneers in the field of pediatric surgery. Our expert surgeons are board-certified in general surgery, pediatric surgery, and surgical critical care. They are committed to bringing the latest advancements in pediatric care — such as minimally invasive surgery — to young patients.

Although minimally invasive techniques are widely used in adults nationwide, such procedures are less common in children. For many years, doctors at the University of Chicago have recognized the need to develop such techniques to help children. In fact, minimally invasive surgery may offer the most benefits to children.

Such surgery minimizes damage to healthy tissue, so children have less pain, less scarring, and a faster recovery. Children also develop fewer complications as they grow older.

PEDIATRIC SURGERY AT THE FOREFRONT OF MEDICINE

At Chicago Comer Children's Hospital, pediatric surgeons from several specialties can perform minimally invasive procedures, using special instruments through very small "keyhole" incisions.

Some of the conditions we treat with minimally invasive techniques include:

- Appendicitis
- Inflammatory bowel disease (Crohn's disease, ulcerative colitis)
- Gastroesophageal reflux disease or GERD (chronic heartburn)
- Myasthenia gravis
- Pectus excavatum (funnel chest)
- Pyloric stenosis

HELPING HEAL CHILDREN WITH GERD

In patients with GERD, fluids from the stomach splash back into the esophagus, causing irritation and heartburn pain. The culprit is a weakened valve at the stomach's opening. Traditional surgery for GERD requires a large incision in the upper abdomen as well as a long hospital



stay and recovery. Chicago Comer Children's Hospital, however, can provide the alternative of a minimally invasive procedure for some children with GERD. In fact, one of our surgeons was the first in the nation to offer this treatment as the primary treatment for these children.

The advanced procedure, called Stretta, uses radiofrequency energy to create small lesions at the end of the esophagus. As the lesions heal, heartburn symptoms fade. And unlike traditional surgery, no incisions are needed.

Another minimally invasive procedure for GERD is laparoscopic Nissen fundoplication. Through tiny incisions, surgeons can create a "wrap" at the top of the stomach that helps keep stomach acid from flowing back up into the esophagus.



www.uchicagokidshospital.org
For an appointment, call 1-888-UCH-0200

At the Forefront of **KIDS'** Medicine®



AN ADVANCED PROCEDURE FOR CHILDREN WITH FUNNEL CHEST

Our doctors also provide a minimally invasive procedure that can help thousands of children with pectus excavatum — commonly known as funnel chest. Conventional surgery requires the breastbone to be broken and leaves patients with a large chest scar. Complications after this conventional surgery are common.

Our doctors have pioneered a new approach called the Nuss procedure. This minimally invasive surgery requires only a one-inch incision on each side of the chest. Patients leave the hospital after a few days with only small scars on the chest.

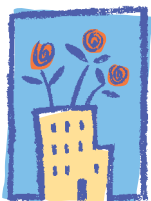
MINIMALLY INVASIVE SURGERY FOR INFLAMMATORY BOWEL DISEASE

Even with recent advances in medical therapy, children with Crohn's disease are at significant risk for multiple surgeries in their lifetime. Our surgeons use minimally invasive surgical techniques to assist with the often complicated intestinal resection associated with this disease. We have found that "fewer scars, fewer adhesions" greatly facilitate recovery of these children, many of whom already have significant body image issues.

For children with ulcerative colitis, total procto-colectomy and J-pouch reconstruction is curative. We have developed advanced minimally invasive surgical techniques to perform this complex operation. These techniques allow our children to recover quickly and preserve — even improve — their body image.

CONTACT US

To learn more about minimally invasive surgery and the pediatric general surgery service at Chicago Comer Children's Hospital, please call 1-888-UCH-0200 or (773) 702-1000, or visit our Web site at www.uchicagokidshospital.org/general-surgery/.



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