

Pediatric Radiology

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*.

WHAT MAKES US SPECIAL?

Each year, our staff completes more than 40,000 complex and common imaging studies for children. These studies are "read," or interpreted, by highly trained pediatric radiologists with special expertise in diagnosing conditions in children. We routinely care for children of all ages and sizes, including premature infants weighing less than one pound.

All of our equipment and procedures have been developed specifically for infants and children. For example, our fluoroscopy tests and CT scans are customized to minimize radiation, so children aren't exposed to more than they need.

PEDIATRIC RADIOLOGY AT THE FOREFRONT OF MEDICINE

We offer the Chicago area's best imaging equipment for children, including:

- Digital radiography (X-rays)
- Grid-controlled pulsed fluoroscopy
- 16-slice computerized tomography (CT) scanner
- High field-strength magnetic resonance imaging (MRI) with cardiac capabilities
- Ultrasound units with power Doppler

Our nationally recognized experts have experience caring for children with a wide range of conditions, including:

- Cancer
- Congenital heart disease
- Cystic fibrosis
- Esophageal atresia
- Incontinence
- Kidney diseases
- Liver disorders
- Musculoskeletal disorders
- Pancreatic pseudocysts
- Pyelonephritis



ADVANCED IMAGING STUDIES

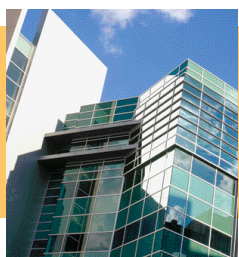
We offer the full range of diagnostic studies, including:

- Conventional X-rays
- Fluoroscopy, during which images are formed with an X-ray camera moved by a radiologist. The most common exams using this technique are upper gastrointestinal studies, contrast enemas, voiding cystourethrography, an oropharyngeal motility/swallowing studies with pediatric speech and language pathologists.
- Ultrasound, which uses sound waves to make images of the kidney, brain, liver, gallbladder, and other areas. The direction and speed of blood flow can also be evaluated (Doppler).
- Computed tomography (CT), which is often used to study the brain, chest, abdomen, and sinuses.



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

At the Forefront of **KIDS** Medicine®



- Magnetic resonance imaging (MRI), often used on the brain and spine, although the heart, joints, and other parts of the body can also be evaluated.

We also perform ultrasound-guided interventional procedures, such as fluid drainage from around the lungs (thoracentesis), removal of pieces of tumor (biopsy), and sampling of fluid from joints (joint aspiration).

WE UNDERSTAND CHILDREN'S SPECIAL NEEDS

All of our radiologists, nurses, and technologists have specialized training in pediatric radiology and work exclusively with children. As a result, we are especially attuned to the needs of children and families. Our expert physicians and technologists perform the highest quality imaging studies — all with a compassionate "kid focus." Patients and their families also receive care and support from our highly experienced, caring nursing staff.

Our young patients also benefit because our radiology department was designed with kids in mind. The décor is bright, cheery, and kid-friendly, helping make children feel

safer and more comfortable during their hospital visit. Whenever possible, we encourage parents to be present during their child's test. We also provide a private consultation room for families to discuss their child's test results with the radiologist.

IMPROVING RADIOLOGICAL CARE FOR CHILDREN

Teaching is also a priority at Chicago Comer Children's Hospital. We routinely train residents, medical students, and colleagues on principles of pediatric radiology. Each spring, we host a general radiology review course with a half-day session devoted to pediatric radiology that attracts radiologists from around the country.

CONTACT US

To learn more about pediatric radiological services 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/radiology.

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