

# THE UNIVERSITY OF CHICAGO COMER CHILDREN'S HOSPITAL

## Pediatric Neurology

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 PEDIATRIC NEUROLOGICAL CARE?

At Chicago Comer Children's Hospital, we see more than 6,000 young patients with neurological conditions each year. Our pediatric neurologists are experts in diagnosing and treating complex disorders that are often viewed as untreatable elsewhere. Physicians from all over the world send us their most complex cases.



### PEDIATRIC NEUROLOGICAL CARE AT THE FOREFRONT OF MEDICINE

We specialize in treating children with intractable epilepsy, neurofibromatosis, tuberous sclerosis, and sleep disorders. Our compassionate staff also provides comprehensive care for other conditions that include:

- Alternating hemiplegia of childhood
- Attention disorders, including attention deficit/hyperactivity disorder (ADHD)
- Autism
- Brain and spinal cord tumors
- Cerebral palsy
- Depression
- Headache
- Hydrocephalus
- Learning disorders
- Muscular dystrophy
- Multiple sclerosis
- Myasthenia gravis
- Neurogenetic and neuroimmune diseases
- Neuromuscular and neurovascular disorders
- Scoliosis
- Spasticity
- Spina bifida and myelodysplasia

- Spine anomalies
- Traumatic brain injury

### PIONEERS IN NONINVASIVE BRAIN TESTING

We are leaders in the field of noninvasive diagnostic testing. For example, our sophisticated 3-D imaging techniques — pioneered at the University of Chicago — provide detailed information about electrical activity inside of the brain. These techniques help our epilepsy experts pinpoint the exact source of seizures — and formulate the best possible treatment plan.

### PROVIDING PROVEN — AND THE MOST PROMISING — TREATMENTS

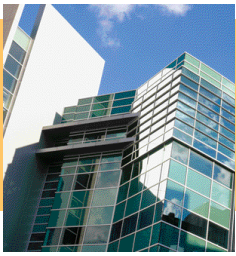
Our patients often have access to new treatments years before they are widely available at other medical centers. Many of our neurologists and neurosurgeons are exploring new therapies for neurocutaneous disorders, epilepsy, neurofibromatosis, and other neurological problems that affect children. For the toughest cases, in which conventional approaches have been known to fail, we engage neuro-scientists to develop individualized highly innovative solutions.

In addition, our pediatric neurologists work closely with pediatric neurosurgeons to identify patients who may benefit from surgery. Many times, surgery can treat hydrocephalus, epilepsy, and



[www.uchicagokidshospital.org](http://www.uchicagokidshospital.org)  
For an appointment, call 1-888-UCH-0200

At the Forefront of **KIDS' Medicine**



other problems without negatively affecting a child's development or brain functions. In many cases, our pediatric neurosurgeons are able to use minimally invasive techniques. Minimally invasive surgery provides shorter recovery times and fewer risks than traditional surgery.

#### **EXPERTISE WITH EPILEPSY AND GENETIC CONDITIONS**

Our multidisciplinary disease programs bring together the various specialists a child needs under one roof. For example, the Pediatric Epilepsy Center is the only pediatric center in the United States to offer a full range of advanced EEG (electro-encephalogram) multimodal imaging tools to diagnose the cause of seizures – noninvasively. The center also provides the most advanced treatment options for children with epilepsy. These options include carefully selected drug regimens and sophisticated seizure monitoring as well as implanted devices and surgery.

Our hospital is also home to a Neurogenetics Clinic. The clinic is staffed by experts on neuro-fibromatosis and tuberous sclerosis as well as the only pediatric neurogeneticist in the Chicago area.

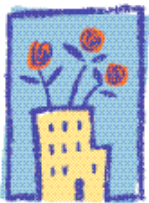
Together, they serve as a national resource for families and referring physicians.

#### **WHEN NEUROLOGICAL PROBLEMS AFFECT LEARNING AND BEHAVIOR**

Some children and adolescents with neurological conditions also have behavioral or learning problems and may benefit from psychiatric care. Our pediatric neurologists work side-by-side with University of Chicago child psychiatrists and psychologists to address a wide range of problems that affect learning and behavior. Testing is available to assess a child's intellectual functioning, language skills, motor abilities, and other cognitive and behavioral functions. A variety of treatments can help, including individual and group therapy, as well as prescription medicines.

#### **CONTACT US**

To learn more about pediatric neurology 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/neurology/](http://www.uchicagokidshospital.org/neurology/).



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