Division of Pediatric Neurology

The Division of Pediatric Neurology evaluates and provides care for children with seizure disorders and a variety of neurologic and neuromuscular disorders, including complications from other illnesses. Clinics are held five days each week and emergency consultation is available 24 hours a day, seven days a week. Patients are referred to the division by a primary care provider or pediatrician. Most disorders can be treated with a combination of medication and therapy. Through the Children’s Hospital, patients have access to occupational, speech, language and physical therapists.

Conditions Treated
- Autism spectrum disorders
- Brain tumors
- Concussion
- Epilepsy
- Headaches
- Movement disorders (tics, Tourette syndrome)
- Neuromuscular disease
- Sickle cell anemia related disorders
- Traumatic brain injuries

Specialty Services
- Electroencephalogram
- Electrodiagnostic and imaging studies
- Neurology imaging services
- Neuropsychology testing

Neuropsychology Program

The Neuropsychology Program at the Children’s Hospital evaluates a child’s cognitive functioning (memory, attention, problem solving, language, motor skills and visuospatial ability) and develops medical, psychological and academic treatment strategies. The child is given a tailored battery of tests and, based upon his or her performance, an individualized recommendation is made to help the child, parents, physicians and educators. Children may be followed over time, and recommendations can be adjusted to meet a child’s changing needs. The pediatric neuropsychologist works closely with other medical and psychological providers to meet a child’s medical, social, academic and psychological needs.

Conditions
Medical conditions that affect brain function
- Epilepsy
- Sickle cell
- Cancer
- Traumatic brain injury
- Concussion
- Movement disorders
- Migraines
- Autism spectrum disorder
- Stroke

Specialty Services
Neuropsychological evaluations to assess achievement, attention, behavioral and emotional functioning, language, learning, memory, motor coordination, social skills and visuospatial skills.
Concussion Program
The Comprehensive Sports Concussion Program brings together experts in neurology, neuropsychology and rehabilitation to monitor and treat sports-related concussions in high school and college-age athletes. Concussions can lead to a variety of physical, cognitive and emotional symptoms that usually go away entirely within a few weeks in simple concussions but can persist in complicated concussions. The interdisciplinary team assesses the severity of the brain injury by testing brain functions that are vulnerable to the injury. Post-concussion treatment and recovery plans are developed for accommodations at home, school or work, and staff members help parents and coaches to determine when it is safe for an athlete to resume participation in contact sports.

Conditions Associated with Concussion
• Anxiety/depression/irritability/confusion
• Blurred vision/ringing in ears
• Headaches
• Loss of balance or dizziness
• Short-term memory loss
• Sleep disturbance or fatigue
• Weakness, numbness or decreased coordination

Specialty Services
• Neurologic assessment
• CT scan

Family-Centered Care
Depending on the nature of the illness, your child may need only one consultation with the pediatric neurologist or may become a long-term patient. Your family benefits from a very personal approach to care, similar to the experience of visiting a physician in a private practice. Your child is typically treated by the same physician, who knows the medical history and family background information. This continuity of care contributes to more positive health care outcomes. We value the critical role that parents play in keeping their children healthy. As a key member of our health care team, you have access to all members of your child’s team and participate in making all decisions about your child’s care.

The Children’s Hospital
The Herman and Walter Samuelson Children’s Hospital at Sinai is one of the nation’s leading pediatric community hospitals with one of the strongest pediatric residency programs in the country. The Children’s Hospital treats more than 2,500 inpatients and 20,000 outpatients each year. Its team of medical experts provides advanced specialty care bringing extensive knowledge and experience to the diagnosis and treatment of a full range of pediatric illnesses and diseases. The Children’s Hospital provides a family-friendly environment that integrates families as partners in the care of their children.

For more information about the Herman & Walter Samuelson Children’s Hospital at Sinai, visit:
http://www.lifebridgehealth.org/ChildrensHospital/

To access the Children’s Hospital Pediatric Inpatient portal that includes health information, activities and games for parents, kids and teens, visit: http://www.lifebridgehealth.org/kidshealth.