

Neurology and Neurogenetics Clinic

at Kennedy Krieger Institute

Who We Are

The Neurology and Neurogenetics Clinic at Kennedy Krieger Institute provides diagnostic services, therapeutic interventions and genetic counseling for a broad spectrum of disorders affecting the brain and central nervous system. Clinic specialists are leaders in their field, with extensive training from top academic institutions, and they frequently publish innovative research in internationally respected medical publications and journals.

Who We Serve

We serve infants, children and adolescents with a wide range of conditions and disorders affecting the central nervous system. We also serve adults with disorders in which we have special expertise.

Diagnoses that we treat and manage include:

- Ataxia
- Batten disease
- Epilepsy
- Headaches
- Intellectual disabilities
- Leukodystrophies
- Lysosomal disorders
- Metabolic disorders
- Peroxisomal disorders
- Polymicrogyria
- Stroke
- Sturge-Weber syndrome
- Tuberous sclerosis complex

Our Team

Our interdisciplinary team consists of physicians, nurses, genetic counselors, neuropsychologists, researchers and other professionals with a range of specialties, including:

- Child neurology
- Cognitive and behavioral neurology
- Medical genetics
- Neurodevelopmental disabilities
- Neurogenetics
- Pediatrics
- Sleep medicine
- Teratology



As part of our comprehensive care model, our team collaborates closely with specialists in psychiatry, psychology, endocrinology, speech pathology, feeding disorders, pain management, pediatric rehabilitation medicine, and physical and occupational therapy. These collaborations allow our patients to see multiple specialists at one convenient location.

Our Approach

As a major national and international referral center, we provide individualized care based on the most advanced knowledge of childhood neurological disorders in the world. In our interdisciplinary clinic, teams of neurologists, geneticists, genetic researchers and genetic counselors work together to offer accurate diagnoses and advanced treatments.

As with all programs at Kennedy Krieger, our specialists are particularly experienced in managing chronic and severe disabilities in children. While some of our patients have mild neurological disorders (but otherwise typical development), many others have more pervasive disabilities, including cerebral palsy, intellectual disability and autism spectrum disorder. We also see patients with puzzling or unusual conditions that have defied diagnosis. Our specialists conduct a comprehensive evaluation and assessment of each patient and then develop a care plan tailored to that patient's needs.



Although many of the disorders we manage cannot yet be cured, certain interventions can improve the lives of our patients and their families. Our specialists work closely with experts in education, audiology, neuropsychology, behavioral psychology, social work, physical therapy, occupational therapy, speech therapy and adaptive technology, among other fields, allowing us to offer a full spectrum of interventions to help our patients pursue all that's possible.

During Your Visit

New patients should expect a thorough evaluation, including a complete history and neurological exam, which typically takes at least an hour. We also examine previous medical records and brain images sent to us or brought to the appointment.

We also provide referrals for other appropriate therapies and offer follow-up treatment, as needed. We determine the need for these visits on a case-by-case basis in conjunction with other members of a patient's care team.

Research and Collaborations

We are committed to conducting research that will lead to improved treatments for patients with neurological disorders. Our research faculty members include leading scientists in pediatric neurological disease. They conduct innovative laboratory and clinical research in neurological and neurogenetic disorders such as peroxisomal disorders, mitochondrial disorders, genetic epilepsies, Sturge-Weber syndrome, sleep disorders and muscle disorders. They also conduct research in neurodevelopmental disorders such as autism and attention-deficit/hyperactivity disorder (ADHD).

Many of our researchers conduct research through Kennedy Krieger's F.M. Kirby Research Center for Functional Brain Imaging, which develops advanced magnetic resonance imaging techniques that represent the next generation of diagnostic tests. They also conduct advanced EEG research through our Clinical Neurophysiology Laboratory and genetic diagnostic research through our Clinical Genetics Laboratory.



CONTACT US

Neurology and Neurogenetics Clinic at Kennedy Krieger Institute

For more information or to schedule an appointment, please email us at **NeurologyReferrals@KennedyKrieger.org** or call **667-205-4575**. TTY users, please contact us at **443-923-2645**, or dial **711** to make a Maryland Relay call.

KennedyKrieger.org

Clinic Location

801 North Broadway
Baltimore, MD 21205

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