

A Quick Guide to Neuropsychological Services



What is pediatric neuropsychology?

Neuropsychology is a specialty that focuses on evaluating and understanding a child or adolescent's learning and behavior in relationship to their brain

What is a Neuropsychological (NPSY) Evaluation?

- A thorough assessment of all areas of cognitive functioning with standardized measures
- The battery is individualized based upon factors such as the child's age, referral question, whether the child has verbal, visual, hearing or motor limitations
- Snapshot of a child's current level of cognitive functioning
- Provides information about the functional aspects of a brain injury

Who administers a NPSY evaluation?

A pediatric neuropsychologist who is a licensed results psychologist with additional training and expertise in how learning and behavior are associated with brain development and in administration and interpretation of various standardized test measures. The average time for the full evaluation of a school age child is about six hours, which can be scheduled in one day or over two appointments.

How do I get a NPSY evaluation for my child?

In order to obtain a NPSY Evaluation at CSH, a child must have a medical diagnosis of a traumatic or acquired brain injury or neurological condition (not prenatal or developmental) and prescription and letter of medical necessity (LMN) from a physician including ICD-10 diagnosis code.

What areas are assessed in a Neuropsychological Evaluation?

- General Cognitive/Intellectual Abilities (IQ)
- Attention/Concentration
- Executive Functioning (i.e., working memory, planning, organization, problem-solving, mental flexibility, behavioral regulation, selfmonitoring)
- Language
- Visual Spatial/Visual Motor
- Fine Motor Coordination
- Memory
- Some academic skills as appropriate
- Adaptive Behavior as needed
- Behavior and social-emotional functioning
- Clinical interview necessary to get a detailed history for appropriate interpretation of test results

Common diagnoses for referring child NPSY Evaluation:

- Traumatic brain injury, mild to severe including concussion and post-concussion syndrome
- Stroke
- AVM rupture (hemorrhage)
- Acute lymphoblastic leukemia
- Brain tumors and/or related surgical intervention
- Effects of chemotherapy and/or radiation treatment for cancers
- Shunt/shunt revisions
- Seizure disorder/epilepsy
- Anoxia/hypoxia and/or cardiac arrest
- Encephalitis



What happens after the NPSY Evaluation?

The objective of a NPSY evaluation is to determine the child's pattern of strengths and weaknesses as it relates to their medical condition. That information is then used to recommend appropriate therapies and interventions to develop a treatment plan and/or for educational planning to assist the child in reaching their full potential. Recommendations may include neuropsychological cognitive rehabilitation therapy, referral for psychotherapy, and/or further assessment by other medical or therapy specialties.



What CSH locations provide NPSY Evaluations?

CSH Union Kenneth Esdale Outpatient Pavilion

2840 Morris Avenue
Union, NJ 07083

How to schedule an appointment:

Please call:
888-244-5373

Follow prompts for outpatient scheduling
and new patient psychology testing.