



Brain Injury and Sports Concussions

CNNH uses the latest in diagnostic technology for definitive diagnoses and effective treatments of Traumatic Brain Injury and Concussion. Our multi-disciplinary team of experts work with teachers, parents, coaches, and employers to build supports for continued academic, vocational, and social success.



→ Medical Evaluations and Treatments

A CNNH Neurologist can determine the severity and possible causes of a patient's symptoms, with recommendations for follow-up diagnostic testing, medication treatment, and/or neurorehabilitation treatment.

→ Neuropsychological Assessment and Treatment

A CNNH Neuropsychologist can assess the psychological stress associated with a brain injury. **Cognitive Rehabilitation** services provide psychological interventions tailored to the specific cognitive, emotional, and behavioral needs of each patient.

→ Neurophysiological Testing

CNNH is the only regional provider of Dense Array EEG (dEEG) technology. dEEG electrically images the brain, revealing hidden brain dysfunction. The non-invasive "neural net" utilizes 128 channels for greater accuracy (traditional EEG has only 16-24 channels). Additional diagnostic tools include computerized assessments of attention and vigilance.

→ ImPACT™ Concussion Testing

The ImPACT™ computerized neurocognitive test, as interpreted by a CNNH ImPACT™-certified clinician, tracks an athlete's recovery following a concussion. This test is scientifically validated to measure the effects of sports-related concussions, and follow-up testing can continue to track the athlete's recovery.

→ Return to School & Return to Play Evaluations

These evaluations are critical to the prevention of exacerbating concussion symptoms and ensuring proper recovery. For athletes, this means a five step process before returning to competition. For students, strategies and limitations will be put in place to cope with school work and sensory stimulation.

→ Educational and Vocational Evaluations

Following a Neurofunctional Assessment and a review of school/work records, IEP's and ITP's, and employment planning, a CNNH Neuropsychologist will provide educational, cognitive, and behavioral supports and recommendations to schools and employers. CNNH provides Cognitive Rehabilitation services to support these plans and recommendations.

Signs and Symptoms of a Concussion

- Headache
- Nausea
- Dizziness
- Fuzzy Vision
- Sensitivity to Light/Noise
- Feeling Sluggish
- Feeling Foggy
- Change in Sleep Pattern
- Concentration Problems
- Memory Problems

What is CNNH?

CNNH's innovative and integrative Specialty Care Medical Home® model of care provides diagnostic and treatment services for children, adolescents, and adults with neurological, neuropsychological, neuropsychiatric, behavioral, developmental, and learning concerns.

Our Neurologists, Neuropsychologists, Behavior Analysts, and Creative Arts Therapists work together, all under one roof. Weekly interdisciplinary meetings allow our clinicians to share expertise and experience, for accurate diagnoses and personalized treatment plans.

"The staff at CNNH are unparalleled in their professionalism and passion to see our children succeed. It's a rare organization that can boast of such dynamic clinicians and diverse services!"

- Jacqui E., mother of son with autism

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NeuroHealth