**Outpatient Psychology & Neuropsychology Services**

The Department of Psychology at Hospital for Special Care provides a variety of assessment and treatment services for children, adolescents, adults and mature adults (geriatrics).

Specific services are available in:
- Adult Neuropsychology
- Pediatric and Adolescent Neuropsychology
- Rehabilitation/Health Psychology
- Forensic Neuropsychological Evaluations (IME)

**What is Neuropsychology?**

Neuropsychology is the study of brain mechanisms which underlie human behavior. Clinical neuropsychology is the application of this knowledge for the evaluation, treatment, and rehabilitation of individuals with suspected or demonstrated neurological problems.

**Adult Neuropsychology Services**

Adult Neuropsychology Services provide assessments and treatment recommendations for the following conditions: suspected memory problems; cognitive and emotional effects of various neurological conditions such as Alzheimer’s Disease, stroke, Epilepsy, Multiple Sclerosis (MS), brain tumors, and Parkinson’s Disease; effects of brain injury; differential diagnosis of suspected dementia in elderly patients; alterations in mental status associated with various medical conditions; attention-deficit disorders; learning and developmental disorders; and various psychiatric conditions.

**Pediatric & Adolescent Neuropsychology Services**

Pediatric and Adolescent Neuropsychology Services provide consultation and comprehensive evaluations for children between the ages of six and 17 for concerns regarding cognitive, academic, behavioral, social-emotional, and psychological functioning. Specific concerns might involve developmental delay, attention-deficit, hyperactivity, or symptoms of complex neurodevelopmental syndromes.

**Rehabilitation/Health Psychology Services**

Rehabilitation and Health Psychology Services are available to serve persons with neurologic (including spinal cord injury, stroke, neuromuscular disease, and brain injury), pulmonary, orthopedic, chronic illness, chronic pain conditions, as well as insomnia. Behavioral and psychological interventions are provided to aid the patients and their families in coping with acute medical conditions, chronic illness, and disability.

**Rehabilitation/Health Psychology**

**Addresses Issues Related to:**
- Post-Concussion Syndrome (PCS)
- Psychological functioning
- Cognitive functioning
- Adjustment to traumatic injury or impairment
- Development of coping skills
- Family adjustment and coping
- Community reintegration following impairment
- Sexuality
- Insomnia
- Pain

Support groups for individuals with brain injury and spinal cord injury are available. Cognitive-behavioral consultative services are provided for clients, family members, and staff working with individuals with the State of Connecticut Acquired Brain Injury (ABI) Medicaid Waiver Program.

**Diagnostic Clarification**

Neuropsychological evaluation aids in the differential diagnosis of childhood and adult neurological conditions as well as pseudo-neurological conditions. It also helps determine the course of cerebral dysfunction and to estimate the degree to which psychological factors are involved in the patient’s symptoms.
Educational and Rehabilitation Planning
Neuropsychological test data are used in the planning and development of remedial education or rehabilitation programs for people with neurological and/or behavioral disorders.

Evaluation of Recovery or Treatment
Neuropsychological testing is frequently helpful in predicting the eventual degree of recovery from neurological injury or disease. Through repeated evaluations, neuropsychological data are useful in assessing the recovery of an individual from neurological damage or in determining the effects of pharmacological, surgical, educational or rehabilitation efforts.

Neuropsychological Evaluation Process
The types of tests used is dependent on the patient’s age and the nature of the problem, but frequently include measures of general intelligence, abstract reasoning, language, attention, memory, sensory and perceptual functions, motor skills, academic abilities and systematic behavioral observations. Measures of personality are often used to determine whether emotional states, such as anxiety or depression, are significant factors in understanding the patient’s condition and need to be considered in developing a comprehensive treatment plan. The amount of time required for an evaluation depends on the nature of the problem and the patient’s condition, but usually varies between four and eight hours.

PSYCHOLOGY & NEUROPSYCHOLOGY LEADERSHIP

John K. Stanwood, PhD
Chief of Psychology
Dr. Stanwood specializes in the evaluation and treatment of adult patients with neurological problems, complex medical conditions and adjustment difficulties. He has over 20 years of experience in working with neurobehavioral patients.

Dennis Johnston, PhD
Assistant Chief of Psychology
Dr. Johnston specializes in the evaluation and treatment of adult patients with traumatic brain injury and other neurological problems, chronic medical illness, adjustment difficulties and anxiety conditions.

Timothy Belliveau, PhD, ABPP
Director of Post-Doctorate Training & Research
Dr. Belliveau specializes in the evaluation and treatment of child, adolescent and adult patients with neurological, developmental and complex medical conditions. He is board-certified in both clinical neuropsychology and rehabilitation and health psychology by the American Board of Professional Psychology.

Jennifer R. Cromer, PhD
Clinical Neuropsychologist
Dr. Cromer is the neuropsychologist for the Neurobehavioral Program and provides comprehensive outpatient neuropsychological evaluations. She specializes in the evaluation and treatment of adult and geriatric patients who have been diagnosed with neurological (e.g., Alzheimer’s disease, brain injury) and psychiatric conditions.

Steven P. Brown, PsyD, ABPP
Clinical Neuropsychologist
Dr. Brown specializes in the evaluation and treatment of adolescent and adult patients with neurological, medical and psychological conditions. He is board-certified in clinical neuropsychology by the American Board of Professional Psychology.

Accreditation/Recognition/Certification
For more information, please visit our website at: hfsc.org/about-us/accreditations

To receive updates on our programs, please email Sheldon Bustow, sbustow@hfsc.org.
Please remember to follow Hospital for Special Care on Facebook and Twitter @HospSpecialCare.

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