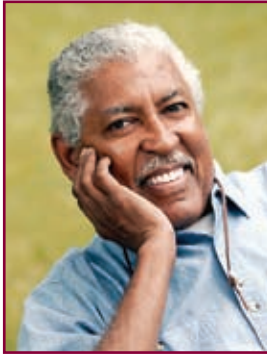


Neuropsychological Evaluation

What is Clinical Neuropsychology?

Neuropsychology is a branch of psychology that focuses on relationships between the brain and behavior. Brain functioning is evaluated with objective, standardized tests of memory and thinking abilities. A detailed evaluation is conducted, and the pattern of strengths and weaknesses are used to assist in diagnosis and treatment planning. A clinical neuropsychologist conducts the evaluation and makes recommendations that are shared with the individual and/or physician.



Why Have I Been Referred?

Evaluations are requested to help your doctor and other health professionals understand how different areas of the brain are working. Testing is recommended when there are complaints involving memory or thinking.



Symptoms may include a change in concentration, organization, reasoning, memory, language, perception coordination or personality. The change may be due to a number of medical, neurological, psychological, or genetics reasons. Sometimes the change is normal for aging adults.

What is Assessed?

A typical evaluation involves the assessment of:

- General Ability
- Higher level executive skills (e.g., reasoning, problem solving)
- Attention and concentration
- Learning and memory
- Language
- Visual–spatial skills (e.g., perception)
- Motor and sensory skills
- Mood and personality

How Are Test Scores Used?

Your scores are evaluated by comparing test results with healthy individuals of similar age and education. This will determine whether your scores are normal for you. Scores can be used to find patterns of strengths and weaknesses in memory and thinking ability.

What Will the Test Results Tell Me?

Test Results can help determine whether memory changes are due to normal aging or if they reflect problems related to medical conditions. An accurate diagnosis is important to begin appropriate treatment. Changes in memory may occur due to many causes such as:

- Dementia Type Illnesses (e.g. Alzheimer’s)
- Stroke
- Seizure Disorders
- Cardiovascular Disease
- Brain Tumor
- Traumatic Brain Injury
- Substance/Alcohol Abuse
- Movement Disorders (Parkinson and Huntington’s Diseases)

What Should I Expect During My Evaluation?

- The evaluation consists of an interview and testing. Patients are asked about symptoms, medical history, medications, and other important factors.
- Testing involves taking paper-and pencil or computerized tests and answering questions. The time required depends on the problem being assessed, but may take several hours.
- Bring glasses or hearing aids if you use them. Try to rest and relax before your evaluation.
- Close friends and family members can often provide helpful information regarding the patient’s abilities. The neuropsychologist may want to speak with these individuals.
- A follow up appointment will be made with the neuropsychologist to review the results and recommendations. Test results can be sent to your physician.



Neuropsychological Rehabilitation

Patients admitted to Kettering Medical Center Inpatient Rehabilitation Unit may be seen by a clinical neuropsychologist to:

- Assist in the patient's care and discharge planning.
- Help the patient and family members adjust to the current situation.
- Evaluate factors that may be interfering with the rehabilitation process.

Expert Witness Testimony

We also offer neuropsychological expertise in defense/plaintiff litigation, as well as independent examinations for personal injury and Workers' Compensation cases. Neuropsychologists are available for expert witness testimony and consultation.

Appointment Scheduling

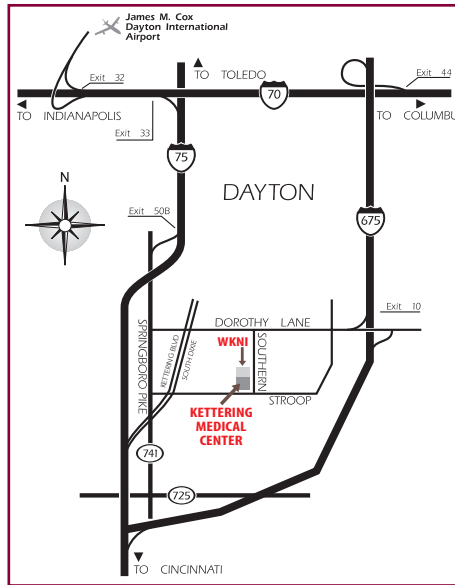
Appointments can be made Monday thru Friday by calling 937-395-8043, 8 a.m. - 4:30 p.m. Referrals are accepted from physicians, health care professionals, attorneys, patients, and families.

Location

Neuropsychology Services are located at the Wallace-Kettering Neuroscience Institute on the **5th floor of the Physician Office Building, 3533 Southern Blvd., Suite 5200**, (on the north side of Kettering Medical Center). Free street level parking is available outside the physician office building.

Fees

Most charges are covered under health insurance plans. However, please check with your insurance representative prior to the appointment. The patient is responsible for insuring authorization and/or pre-certification requirements have been met.



From Dayton Airport

Take I-70 east to I-75 south. Go south on I-75 to Kettering/State Rt. 741/Springboro Rd. exit. Turn left on Springboro Rd. (Rt. 741). Turn left on Dorothy Lane. Turn right on Southern Blvd. (3rd light across from golf course).

From the Northeast

Take I-675 south to Kettering/Dorothy Lane exit. Stay on Dorothy Lane past Far Hills Ave. Turn left on Southern Blvd. (bottom of hill, across from golf course).

From the South

Take I-75 north to exit 47 toward Moraine/Kettering. Merge onto S. Dixie Hwy. Continue north on S. Dixie to Stroop Rd. Turn right on Stroop Rd. Third light on Stroop is Southern Blvd. Turn left on Southern Blvd.

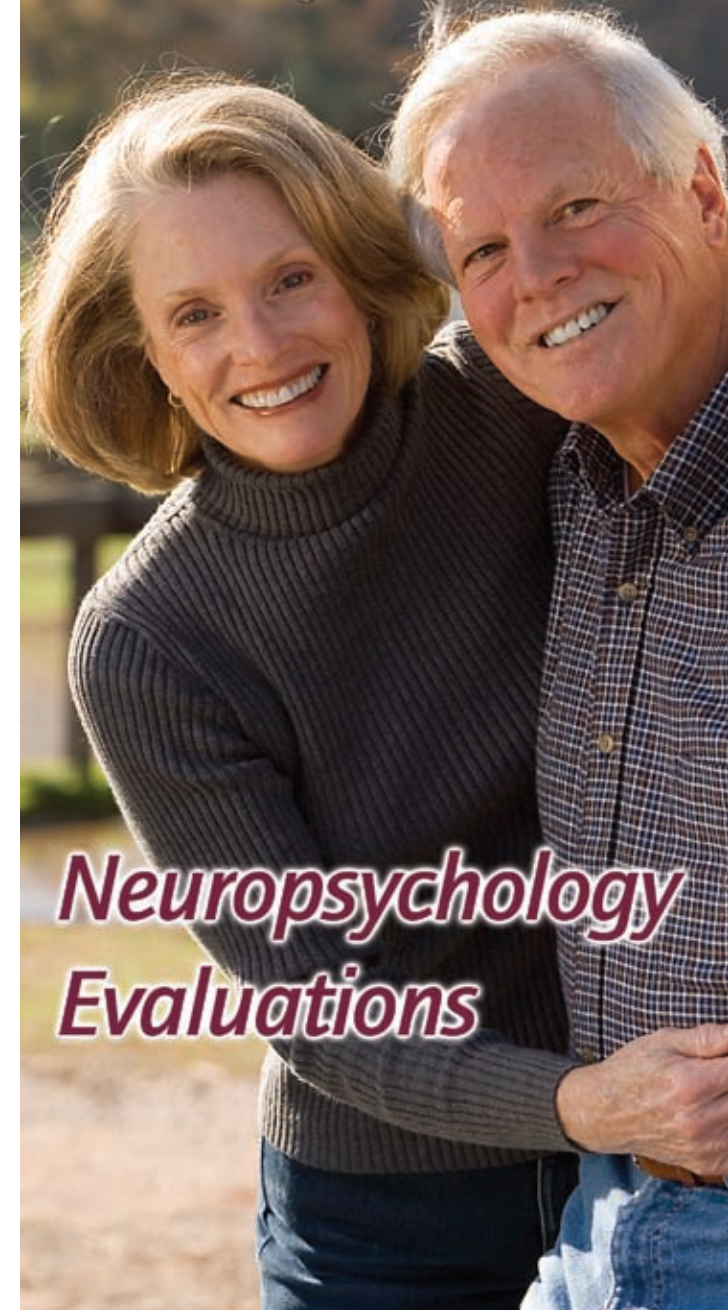
**3533 Southern Boulevard, Suite 5200
Kettering, Ohio 45429**

937-395-8043

www.wkni.org

For Life:
**The Wallace-Kettering
Neuroscience Institute**

Kettering Health Network



**Neuropsychology
Evaluations**