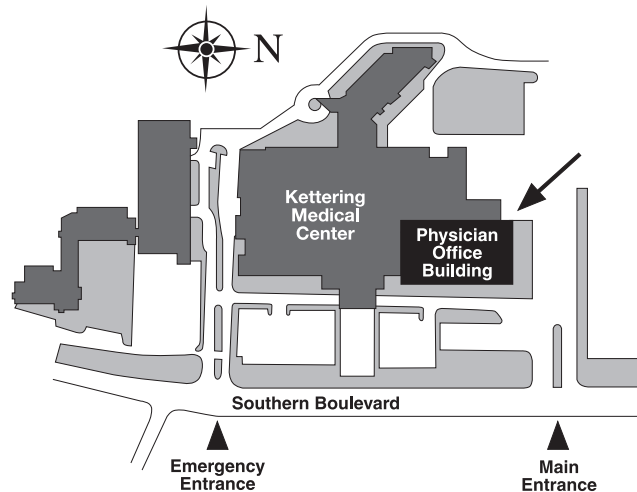


Important Facts about Epilepsy

- Epilepsy is a disorder – not a disease.
- Epilepsy is not mental retardation, mental illness or contagious.
- Epilepsy is a generic term used to define a variety of seizure disorders. A person with recurring seizures is said to have epilepsy.
- More than 2.5 million people in the U.S. – one percent of the population – have epilepsy, with about 15,800 in the greater Dayton area.
- The correct initial diagnosis and appropriate therapy save money spent on inappropriate medications, office or emergency room visits for poorly controlled seizures and adverse side effects.
- There are several new medications now available to treat seizures, some of which may offer a patient equivalent or improved control of seizures with fewer side effects.
- About 30% of seizure patients cannot achieve adequate control of seizures despite optimal medical therapy. A significant percentage of these patients may be candidates for surgical treatment of their seizures.



Location Information and Map

The Epilepsy Center is located at the Wallace-Kettering Neuroscience Institute on the 5th floor inside the Physician Office Building, 3533 Southern Boulevard, Suite 5200, at the north end of Kettering Medical Center. Free parking is available.

Neuroscience excellence at Kettering Medical Center – that's The Wallace-Kettering Neuroscience Institute.



Kettering Medical Center

Kettering Health NetworkSM

3533 Southern Blvd., Suite 5200

Kettering, Ohio 45429

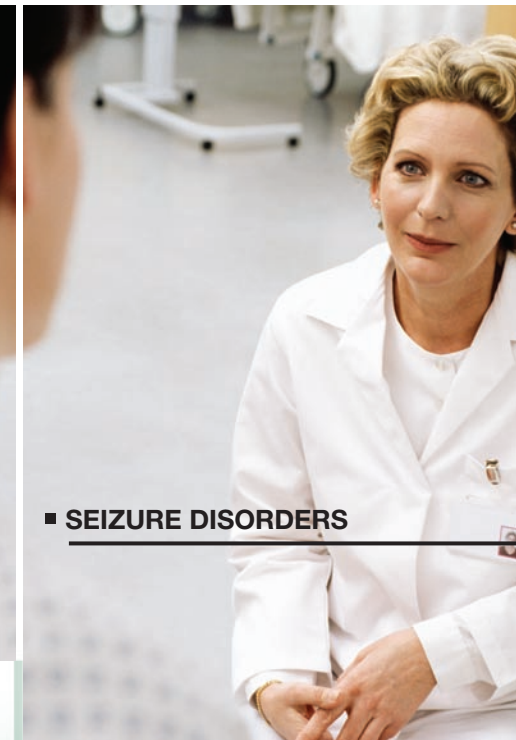
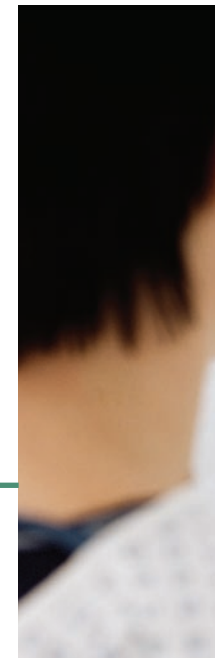
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**THE WALLACE-KETTERING
NEUROSCIENCE INSTITUTE**

Epilepsy Center



▪ **SEIZURE DISORDERS**

For Life[®]

**The Wallace-Kettering
Neuroscience Institute**

Kettering Health NetworkSM



Epilepsy Care from the Wallace-Kettering Neuroscience Institute

The Wallace-Kettering Neuroscience Institute is proud to have the first comprehensive Epilepsy Center of its kind in the greater Dayton area. The Center strengthens Kettering Medical Center's ongoing commitment to research, diagnosis and treatment of neurological disorders. The Epilepsy Center offers state-of-the-art care and the most advanced therapeutic techniques in the area for adult patients (15 years of age and older) with hard-to-treat seizures, as well as epilepsy-related diagnostic and management problems. The Center also uses investigational drug studies and neuro/diagnostic research as an integral part of the treatment program. The Epilepsy Center specialists work with the patient's referring physician to recommend treatment options.

Access to the Area's Top Specialists

The Epilepsy Center provides access to experienced epileptologists who are board certified in neurology and clinical neurophysiology, neurosurgeons who are board certified by the American Board of Neurological Surgeons, and specialists in adult neurology, neuroradiology, electroencephalography (EEG), neuropsychology, nursing, positron emission tomography (PET), psychiatry, social services, and physical and occupational therapy. With this group of specialists, patients receive personalized care – using the most advanced technology and techniques available – throughout the diagnosis and treatment of their condition.

Comprehensive Epilepsy Services

The following are offered through the Epilepsy Center:

- Vagal Nerve Stimulation – A small pacemaker-like device placed under the skin to periodically stimulate the vagus nerve in the side of the neck with a small amount of electrical current. This process reduces seizure frequency and severity.
- State-of-the-art digital EEG, video/digital EEG laboratories and digital ambulatory EEG.
- Epilepsy Monitoring Unit where EEG and video monitoring are performed under continuous observation by an EEG technologist for enhanced patient care and safety.
- Advanced brain imaging – including functional magnetic resonance imaging (fMRI), positron emission tomography (PET) and single photon emission computed tomography (SPECT).
- Neuropsychological testing.
- WADA (intracarotid sodium amytal) testing.
- Cortical functional mapping.
- Consultation services with other physician specialties.
- Patient education.
- Social services.

Epilepsy Center Staff



Robert Simkins, D.O., is the Medical Director of the Wallace-Kettering Neuroscience Institute Epilepsy Center. He is board certified in neurology and clinical neurophysiology. Dr. Simkins is a graduate of

the College of Osteopathic Medicine and Surgery, Des Moines, Iowa. He received his neurological residency training at the University of Illinois in Chicago. He received his fellowship training in clinical neurophysiology and epilepsy at the Baylor College of Medicine, Houston, Texas. Dr. Simkins is the former Director of the Epilepsy Center, Baylor College of Medicine at The Methodist Hospital.



Phillip White, M.D., is board certified in neurology and clinical neurophysiology. He received his medical degree from Baylor College of Medicine. He received his neurology residency and

postdoctoral fellowship in clinical neurophysiology and epilepsy from Baylor College of Medicine. Dr. White was the former Assistant Professor of Neurology and Director of the Epilepsy Monitoring Laboratories at The Methodist Hospital. He has also served as Director of the Epilepsy Center at Baylor College of Medicine.

Appointment Scheduling

Appointments can be made Monday through Friday by calling the Wallace-Kettering Neuroscience Institute Epilepsy Center at 937-395-8133 or 1-800-888-8362 from 8:00 a.m. to 4:30 p.m.

