

Clinical Neuroscience Institute

*A Leading Neurological Care and Research Center
in Southwest Ohio*



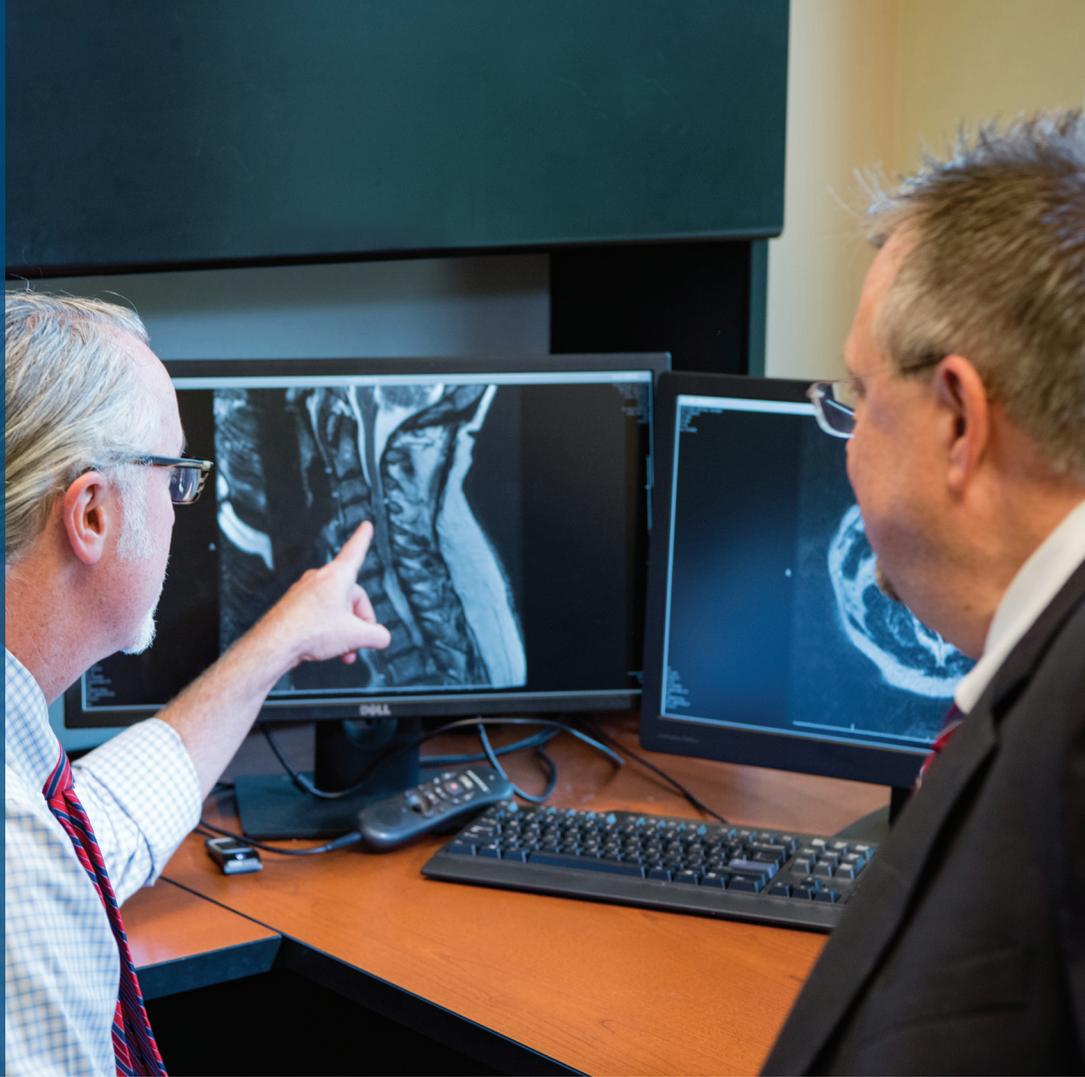
Wright State University &
Premier Health

Neuroscience
Institute

ClinicalNeuroscienceInstitute.com

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A Mind for Compassionate Care

At Premier Health's Clinical Neuroscience Institute (CNSI), our mission is to provide our patients and their families with the very best access to comprehensive diagnoses and treatments for conditions of the nervous system, including the brain and spine.

We accomplish this by offering a multidimensional approach to care, from doctors who subspecialize in neurology, neurosurgery, neurocritical care, neuropsychology, and neurointervention.

This broad spectrum of expertise gives patients in Southwest Ohio access to neurological inpatient and outpatient services like no other. The Clinical

Neuroscience Institute's physicians utilize the very latest technology to successfully treat emergent conditions, such as stroke, but they also provide comprehensive continuity of care for chronic neurological illness or injury. CNSI has a team of neurologists and neurosurgeons offering both acute trauma care and treatment for long-term chronic conditions, including, but not limited to, back and neck pain, epilepsy, movement disorders, multiple sclerosis, brain tumors, headache, and memory disorders. In addition to our physicians, the support team of physician assistants, nurse practitioners, social workers, and registered nurses improve the health

of people they serve by coordinating care across all Premier Health facilities, which avoids duplication of services, and improves the use of resources.

This spirit of collaboration is at the heart of the Premier Health philosophy and extends to its special partnership with Wright State University, through the Wright State University and Premier Health Neuroscience Institute. The Dayton region's strongest biomedical research institution has joined forces with the clinical resources of the region's leading hospital system, to create a centerpiece for neuroscience research that is unmatched in the area.

A Commitment to Research and Education

The Wright State University and Premier Health Neuroscience Institute has resulted in the birth of a clinical and research initiative that improves neurological care for the community by allowing longer-term clinical trials, and continuing research in a broad range of neurologic disorders. The Clinical Neuroscience Institute has successfully completed and continues to participate in national clinical trials in acute neurological care.

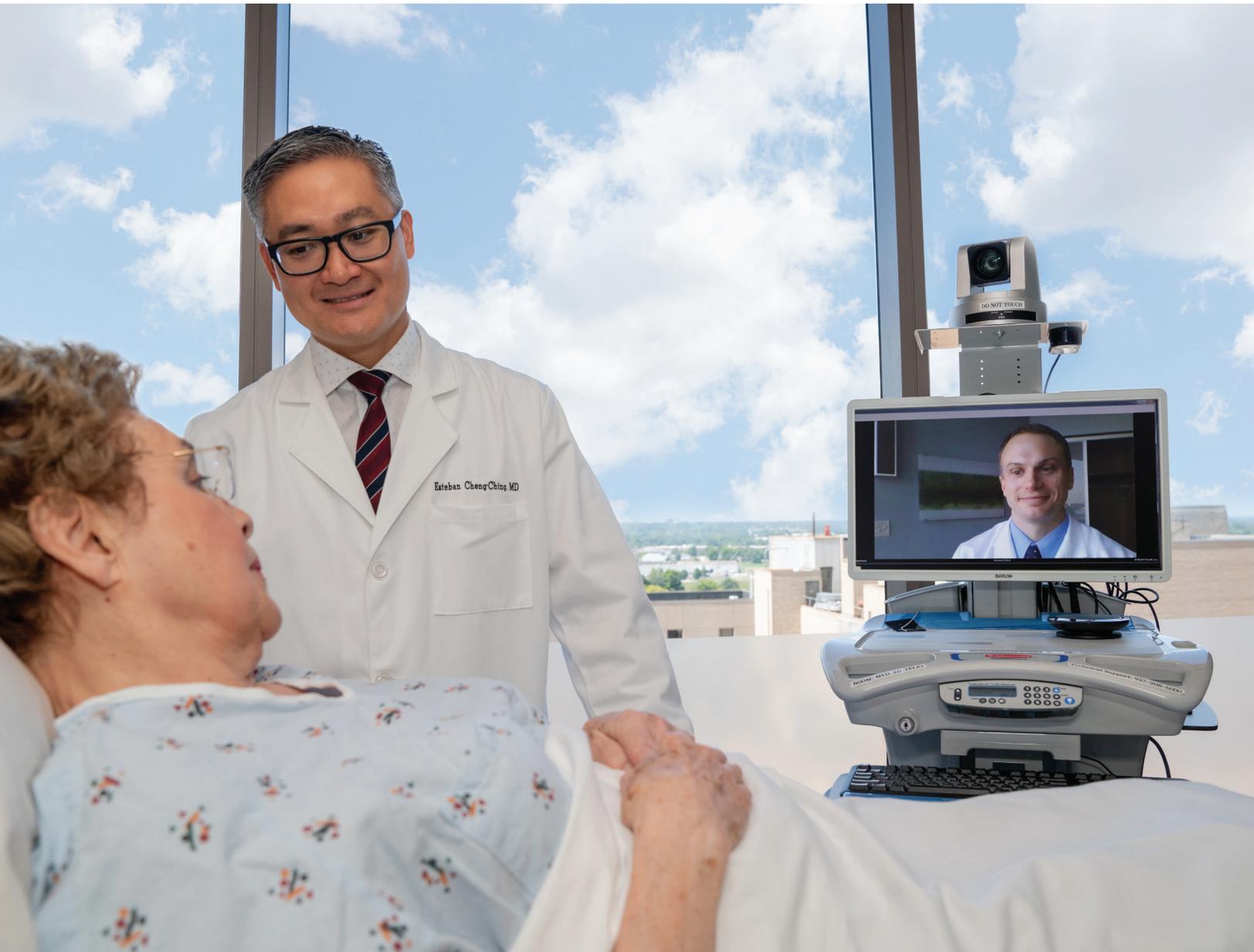
Best of all, translational neuroscience is the vital link between physicians

and scientists that enables new drugs, devices, and treatments to be brought from the research bench to the patient's bedside. Teams of scientists, investigators, and physicians working together can translate promising discoveries into therapies that can make a real difference in patient health and outcomes. Together, we are leaders in the study and delivery of quality neuroscience care.

Wright State University Boonshoft School of Medicine's neurology program has successfully matriculated

16 neurology residents including four physicians in each of the first, second, third and fourth years. The first graduation was held in June of 2017, and there are ongoing plans to construct several neurology fellowship programs in the near future.

Currently, CNSI and neuroscience physicians participate in lectures, grand rounds, and resident education opportunities with Wright State University Boonshoft School of Medicine.



Clinical Neuroscience Institute



Teams of scientists, investigators, and physicians working together can translate promising discoveries into therapies that can make a real difference in patient health and outcomes.

A Focus on Healthy Outcomes

As a leading neuroscience care facility, the fellowship trained and board certified physicians at the Clinical Neuroscience Institute have access to the very latest research and innovative

technology, to provide optimal care when it's needed most for a variety of neurological disorders. This includes the treatment of neuromuscular disorders, multiple sclerosis, headache,

neuroophthalmology, neuropsychiatry, and neuroradiology.

Additionally, CNSI has fellowship trained and board certified physicians that specialize in the following:

GENERAL NEUROLOGY

The Clinical Neuroscience Institute offers inpatient, including teleneurology program NeurOne, and outpatient services, procedures, and programs that focus on the continuity of care for acute illness or injury involving the nervous system, long-term chronic conditions, and neurologic conditions.



Tracy Eicher, MD, MSCS
Neurology
Multiple Sclerosis
Clinical Assistant
Professor of Neurology



Mary Feldman, DO
Neurology
Movement Disorders
Assistant Professor
of Neurology



Mark Friedman, DO
Memory/Alzheimer's
Neuroendocrine
Assistant Professor
of Neurology



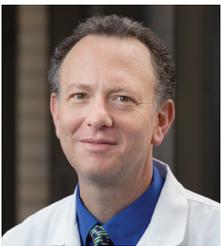
Zhijun George Guo, MD, PhD
Neurology
Clinical Assistant
Professor of Neurology



Charles Hall, MD, PhD
Neurology
Assistant Professor
of Neurology



Atif Hashmi, MD
Inpatient Neurology/
Neuroimaging
Clinical Assistant
Professor of Neurology



Bradley Jacobs, MD
Stroke Neurology
Professor
of Neurology



Michael Kentris, DO
Neurology
Epilepsy
Assistant Professor
of Neurology



Prem Mathai, MD
Neurology
Assistant Professor
of Neurology



Eleina Mikhaylov, MD
Neurology



Cassandra Milling, MD
Clinical
Neurophysiology
Neurology
Sleep Medicine
Assistant Professor
of Neurology



Glen Nagasawa, MD
Neurology
Assistant Professor
of Neurology



Arshi Naz, MD
Epilepsy
Neurology



Barbara Phillips, MD
Neurology
Assistant Professor
of Neurology



Christopher Scheiner, MD, PhD
Neurology
Neuromuscular
Medicine
Assistant Professor
of Neurology



Mangala Venkatesh, MD
Neurology
Assistant Professor
of Neurology

NEUROSURGERY

The Clinical Neuroscience Institute's board certified neurosurgeons are skilled across multiple surgical specialties including spine, tumor, epilepsy, movement, neuro-oncology, and functional neurosurgery.



Daniel Gaudin, MD, PhD
Functional Neurosurgery
*Clinical Associate
Professor of Surgery*



Peter Letarte, MD
Neurosurgery
Neurotrauma
*Clinical Assistant
Professor of Surgery
and Neurology*



Neal Mehan, MD
Neurosurgery
Spine and Back



Ania Pollack, MD
Neurosurgery
Skull Base and
Neuro-Oncology
*Associate Professor
of Neurology*



Michael Verdon, DO
Neurosurgery
Spine Surgery

BRAIN MAPPING CENTER

CNSI's Brain Mapping Center is the first brain mapping center in the Midwest. Through non-invasive imaging technology, brain mapping identifies areas of the brain that control speech, movement, senses, etc., guiding physicians during neurosurgery to avoid these critical areas and helping them determine the best surgical approach. Since the location of critical areas of the brain are not the same in every person, brain mapping allows for highly individualized planning before surgery; greater precision during surgery; and a clearer view of post-surgical changes to measure outcomes.



Fadi Tayim, PhD
Neuropsychology
*Clinical Assistant
Professor of Neurology*

EPILEPSY CENTER

Our multidisciplinary staff of neurologists, neurosurgeons, radiologists, and neuropsychologists offer comprehensive treatment for patients with epilepsy and other seizure disorders, and are trained to recognize, understand, and control seizures to maximize a patient's quality of life. Premier's team of specially trained physicians can enlist a variety of treatment options for epilepsy. As part of comprehensive neuro-critical care, our epilepsy monitoring unit is staffed by fellowship trained and board certified epileptologists and electroencephalogram (EEG) technicians who have access to the world's leading tools and technology to provide monitoring services.



Charles Hall, MD, PhD
Neurology
*Assistant Professor
of Neurology*



Michael Kentris, DO
Neurology
Epilepsy
*Assistant Professor
of Neurology*



Prem Mathai, MD
Neurology
*Assistant Professor
of Neurology*



Cassandra Milling, MD
Clinical
Neurophysiology
Neurology
Sleep Medicine
*Assistant Professor
of Neurology*



Arshi Naz, MD
Epilepsy
Neurology



Barbara Phillips, MD
Neurology
*Assistant Professor
of Neurology*



Fadi Tayim, PhD
Neuropsychology
*Clinical Assistant
Professor of Neurology*

HEADACHE CENTER

CNSI's Headache Center offers broad treatment options for patients suffering from a variety of headache symptoms including migraines, tension-type, cluster, and post-traumatic headache disorders, in addition to others. Treatments include the use of peripheral nerve blocks, trigger point injections, and Botox therapy. Outpatient infusion therapy is a vital option for patients requiring more intensive care than home treatments or office visits can provide, and is a helpful tool to keep them out of the emergency room, when appropriate. CNSI also offers inpatient evaluation and infusion therapy options.



Zhijun George Guo, MD, PhD
Neurology
Clinical Assistant Professor of Neurology



Richard Kim, MD
Headache
Internal Medicine
Assistant Professor of Internal Medicine and Neurology

MEMORY CENTER

The Clinical Neuroscience Institute's board certified and fellowship trained neurologists and neuropsychiatrists work with patients at all points of the memory loss spectrum, from mild memory loss to Alzheimer's disease. Memory loss care is closely coordinated between a patient's general neurologist and their primary care physician.



Ahmed Fathy, MD
Critical Care Medicine
Assistant Professor of Neurology



Mark Friedman, DO
Memory/Alzheimer's
Neuroendocrine
Assistant Professor of Neurology

MOVEMENT DISORDERS CENTER

CNSI's Movement Disorders Center specializes in treating movement disorders including ataxia, dystonia, essential tremors, gait disorders, Huntington's Disease, Parkinson's Disease, spasticity, tics and tourette's. Each patient's case is unique, so we work carefully to diagnose their symptoms and develop a course of treatment that is specifically tailored for them. Our experts remain engaged in movement disorder research and utilize the latest treatment resources which include dopaminergic medications, deep brain stimulation programming, and botulinum toxin injections, among others. Together we work to meet the needs of every movement center patient beyond the sum of their symptoms to care for the whole person.



Mary Feldman, DO
Neurology
Movement Disorders
Assistant Professor of Neurology



Daniel Gaudin, MD, PhD
Functional
Neurosurgery
Clinical Associate Professor of Surgery



Fadi Tayim, PhD
Neuropsychology
Clinical Assistant Professor of Neurology



MULTIPLE SCLEROSIS CENTER

Our multiple sclerosis treatment capabilities are based upon a multi-disciplinary approach that is focused on the evaluation and treatment of the disease. The Multiple Sclerosis Center team includes a board certified multiple sclerosis specialist; physical, occupational, and speech therapists; and neuroscience nurses who collaborate with neuro-radiology. Through advanced technologies such as 3T MRI and specialized clinics and infusion rooms, patients with multiple sclerosis benefit from treatment that is designed to produce optimal outcomes and provide needed services.



Tracy Eicher, MD, MSCS
Neurology
Multiple Sclerosis
Clinical Assistant Professor
of Neurology

NEUROMUSCULAR CENTER

CNSI offers the Dayton area's only Neuromuscular Center, treating disorders of the peripheral nervous system or muscle, diseases of the peripheral nerves, acquired or hereditary muscular disorders, motor neuron diseases, and focal neuropathy. Our team, led by a board certified neuromuscular specialist, offers trained electrodiagnostic experience, which leads to improved electromyography (EMG) studies and better patient treatment and management.



Christopher Scheiner, MD, PhD
Neurology
Neuromuscular Medicine
Assistant Professor
of Neurology

SPINE CENTER

The Clinical Neuroscience Institute is a leader in treating spine-related issues, with a staff of board certified neurosurgeons, through our Spine and Back Center. Whether patients are suffering from a spinal injury caused by a trauma or a degenerative condition, our expert interdisciplinary team is ready to help.



Chauncy Eakins, MD
Physical Medicine & Rehabilitation



Daniel Gaudin, MD, PhD
Functional Neurosurgery
Clinical Associate Professor of Surgery



Peter Letarte, MD
Neurosurgery
Neurotrauma
Clinical Assistant Professor of Surgery and Neurology



Neal Mehan, MD
Neurosurgery
Spine and Back



Michael Verdon, DO
Neurosurgery
Spine Surgery

STROKE CENTER

Our integrated program includes fellowship trained and board certified stroke physicians who are dedicated to rapid response and treatment of stroke through our Telestroke Network. CNSI is home to our neurointerventional team, who provides 24/7 emergent stroke rescue, including intracranial aneurysm repair and cerebral vascular procedures of all types. Additionally, our neuro intensive care unit is staffed by physicians specializing in neurocritical care and nationally certified neuroscience nurses. Miami Valley Hospital has earned the certification as a Comprehensive Stroke Center by The Joint Commission, and is the first Dayton-area hospital and one of only a few stroke centers in the nation to receive this designation. As a Joint Commission-certified Comprehensive Stroke Center, Miami Valley Hospital is recognized as an industry leader and is responsible for helping set the national agenda in highly specialized stroke care.

This commitment to specialized stroke care focuses upon prevention and extends to crucial follow-up appointments after patients are discharged, either to their home or an assisted living facility. Patients are routinely scheduled to meet with Stroke Center staff to review symptoms and risk factors. In addition, patients receive a detailed neurological assessment, cholesterol level review and blood pressure assessment, and needs are identified for continued therapies to diminish disabilities and fall risks. The Stroke Center also communicates extensively with a patient's primary care physician to ensure a proper continuum of care.

Neurointerventional



Esteban Cheng-Ching, MD
NeuroInterventional
Stroke Neurology
*Assistant Professor
of Neurology*



Bryan Ludwig, MD
NeuroInterventional
Stroke Neurology
Chair, Clinical
Neuroscience Institute
*Assistant Professor
of Neurology,
Assistant Professor of
Neuroscience,
Cell Biology and
Physiology*



John Terry, MD
NeuroInterventional
NeuroCritical Care

Neurocritical care



Ahmed Fathy, MD
Critical Care Medicine
Stroke Neurology
*Assistant Professor
of Neurology*

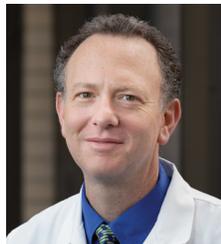


Nivedita Mankotia, MD
Critical Care Medicine
*Clinical Assistant
Professor of Neurology*



Kiran Poudel, MD
Critical Care Medicine
Stroke Neurology
*Assistant Professor
of Neurology*

Stroke



Bradley Jacobs, MD
Stroke Neurology
*Professor
of Neurology*



Robb Snider, MD
Stroke Neurology
*Clinical Assistant
Professor of Neurology*



The Clinical Neuroscience Institute team is composed of highly-trained, board certified neuro-oncologists and a neuro endocrinologist who perform tumor procedures on the brain and spine using both surgery and medicine.

TUMOR CENTER

The Clinical Neuroscience Institute team is composed of highly-trained, board certified neuro-oncologists and a neuro endocrinologist who perform tumor procedures on the brain and spine using both surgery and medicine. Our board certified specialists use minimally invasive

technologies, such as the TruBeam stereotactic radiosurgery system, to treat tumors. TrueBeam gives our specialists the ability to perform a variety of treatment techniques, such as stereotactic body radiotherapy and stereotactic radiosurgery with power, accuracy, and speed.



Ania Pollack, MD
Neurosurgery
Skull Base and
Neuro-Oncology
Associate Professor
of Neurology



Fadi Tayim, PhD
Neuropsychology
Clinical Assistant
Professor of Neurology



For more information about the Clinical Neuroscience Institute, or to refer a new patient, please call toll free **1-844-277-2894**.

Epic users can find CNSI physicians by typing “neuroscience” or:
The Clinical Neuroscience Institute – Neurointerventional
The Clinical Neuroscience Institute – Neurosurgery
The Clinical Neuroscience Institute – Neurology

LOCATIONS MAP

The Clinical Neuroscience Institute has multiple locations in Southwest Ohio. Locations vary by physician.

1. Miami Valley Hospital

30 E. Apple St.
Suite 5254
Dayton, Ohio 45409

2. Miami Valley Hospital North

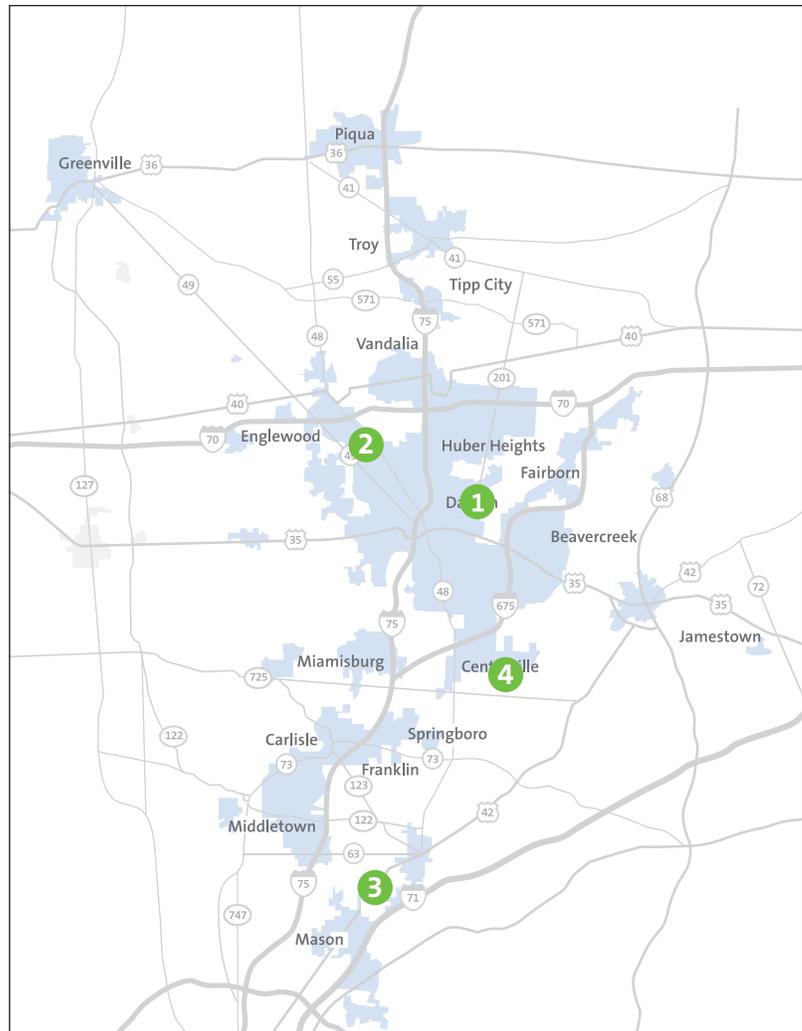
9000 N. Main St.
Suite 238
Englewood, Ohio 45415

3. Atrium Medical Center – Professional Building

200 Medical Center Dr.
Suite 325
Middletown, Ohio 45005

4. Miami Valley Hospital South

2300 Miami Valley Dr.
Suite 550
Centerville, Ohio 45459



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Premier Health
**Neuroscience
Institute**

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