



NEUROMUSCULAR CENTER

University Hospitals (UH) Neurological Institute's Neuromuscular Center

The UH Neurological Institute's Neuromuscular Center has established itself as one of America's foremost institutions for the treatment of complex neuromuscular disorders. Our physicians are renowned experts who have authored textbooks and lectured frequently at national conferences. We offer leading-edge neurodiagnostic services including autonomic testing and an electromyography (EMG) lab.

Conditions We Treat

- Myasthenia gravis
- Peripheral neuropathy
- Amyotrophic lateral sclerosis (ALS)
- Polymyositis/Dermatomyositis
- Muscular dystrophy
- Inherited peripheral neuropathy
- Guillain-Barré syndrome
- Chronic inflammatory demyelinating polyneuropathy
- Entrapment neuropathies
- Small fiber neuropathy
- Orthostatic hypotension
- Syncope

Close to Home

Perhaps the most significant benefit to patients is that they have access to expert consultation and advanced diagnostics close to home in our community facilities. In addition to the main University Hospitals Case Medical Center (UHCMC) campus, our renowned specialists see patients at UH Chagrin Highlands Health Center, University Suburban Health Center, UH Westlake Health Center, UH Bedford Medical Center and UH Richmond Medical Center.



University Hospitals Neurological Institute
11100 Euclid Avenue
Mail Stop HAN 5042
Cleveland, Ohio 44106
www.UHhospitals.org/neuro

216-844-2724 Clinical appointments
216-844-1923 EMG Lab appointments
216-844-3496 Autonomic Lab appointments

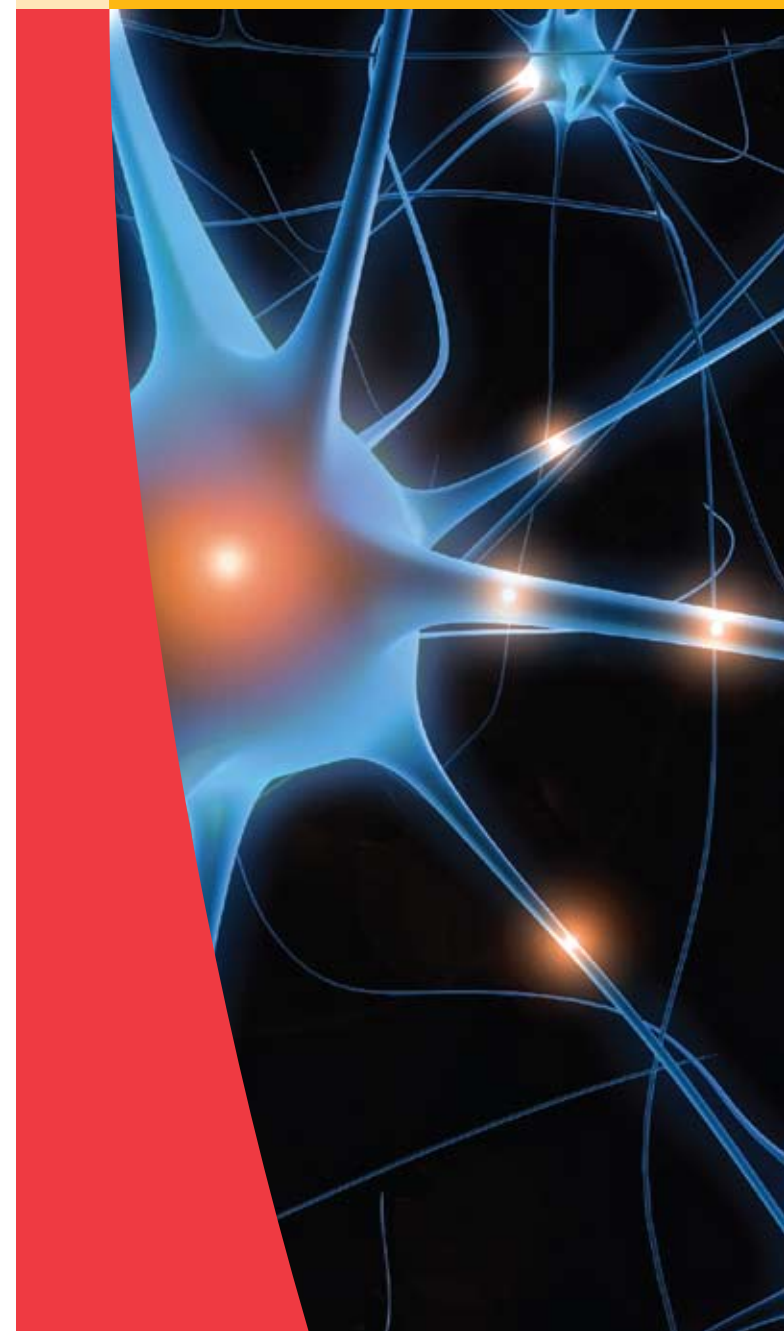
University Hospitals Neurological Institute

University Hospitals Neurological Institute is Northeast Ohio's first designated institute for the comprehensive care of patients with diseases affecting the nervous system. It has fifteen Centers of Expertise that bring together some of the country's foremost experts in neurology, neurosurgery, neuroradiology, neurooncology, neuro-ophthalmology, neurotology, neuropathology, neuropsychology and related specialties. Under the direction of Warren Selman, MD and Anthony Furlan, MD, and Associate Directors Robert Ronis, MD, MPH, and Robert Tarr, MD, the Neurological Institute at University Hospitals offers the latest in innovative technology for the diagnosis and treatment of all neurological conditions and diseases.

Medical experts devise appropriate combinations of clinical skills and advanced technologies to better provide individualized care for pediatric, adult, and elderly patients. The Institute's team is committed to expanding and integrating translational research into clinical practice and offers patients direct and rapid access to leading-edge treatment alternatives.



Neuromuscular Center



PROGRAMS WITHIN THE NEUROMUSCULAR CENTER

- Amyotrophic Lateral Sclerosis (ALS) Program
- Autonomic Laboratory
- Electromyography (EMG) Laboratory
- Myasthenia Gravis Program
- Muscle Disease Program

www.UHhospitals.org/neuro

LEADING-EDGE DIAGNOSTICS AND TREATMENTS

ALS Program

This nationally-renowned program takes an interdisciplinary approach by bringing together specialists from the Neuromuscular Center, surgery, pulmonary medicine, speech pathology and nutrition. Diaphragmatic stimulation and pacing is an integral part of managing respiratory failure in ALS patients. UHCMC pioneered the implantable breathing device in spinal cord patients and used it to successfully treat the late actor Christopher Reeve in March 2003. The UHCMC team began using the device in March 2005 in ALS patients and recently completed a successful pilot trial on 17 ALS patients. In an expanded, pivotal FDA-approved study, 33 others have received the device to-date. This device helps patients breathe, sleep and speak more normally, and it helps stave off respiratory complications during the progression of ALS.

Electromyography (EMG) Laboratory

Our EMG lab provides high-quality, state-of-the-art electrodiagnostic testing of neuromuscular disorders. The EMG test includes nerve conduction studies performed by the EMG technologist and the muscle needle examination performed by the EMG physician. Recently, new computerized Keypoint EMG machines were installed at all six EMG lab locations. The machines enable lab personnel to perform detailed electrodiagnostic testing on every patient with instant report generation.

Autonomic Laboratory

As one of only 12 fully-equipped labs in the country our Autonomic Laboratory is equipped to test all aspects of autonomic function including cardiac, vasomotor and sudomotor (sweat) functions; and to diagnose chronic regional pain syndrome, peripheral neuropathies, small fiber sensory neuropathy, postural orthostatic tachycardia syndrome (POTS) and syncope of unknown etiology.

Myasthenia Gravis Program

Established in 1990, the center's Myasthenia Gravis Program is the only such program in Ohio. Patients are often treated with immunosuppressive drugs as well as plasma exchange and intravenous immunoglobulin. The program faculty are involved in an NIH-sponsored study which is evaluating the role of thymectomy in the treatment of Myasthenia Gravis.

Muscle Disease Program

Established in 1954, this United Way sponsored program brings a multidisciplinary approach to the diagnosis and management of patients with inherited neuromuscular disorders, including muscular dystrophies and inherited peripheral neuropathies, as well as acquired disorders such as postpoliomyelitis syndrome and inclusion body myositis.

MEET OUR TEAM



Amer Alsheklee, MD



Marek Buczek, MD, PhD



Thomas Chelimsky, MD



Gerald Grossman, MD



Bashar Katirji, MD



Daniel Koontz, MD



Daniel Miller, MD



Raymond Onders, MD



David Preston, MD



Barbara Shapiro, MD, PhD

