

## REHABILITATION SERVICES

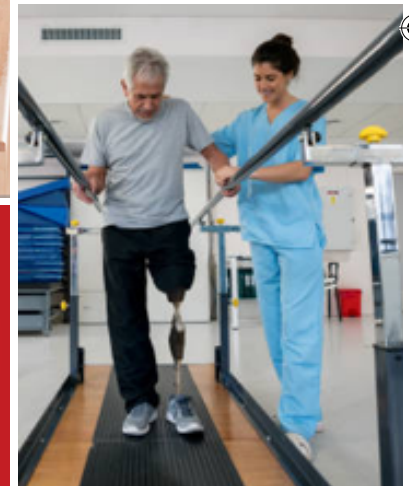
Physical and Occupational Therapy play an integral part of a multidisciplinary approach to the evaluation and treatment of neurological disorders. Therapists work closely with the referring physician to ensure a successful return to function, reduction of symptoms and improved mobility.

### LOCATIONS

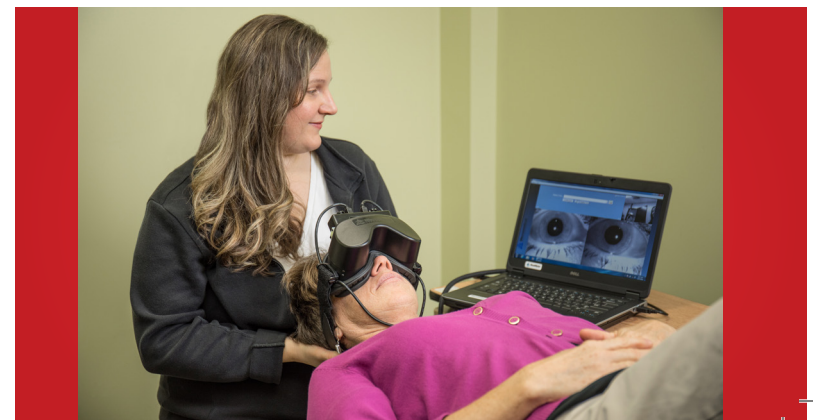
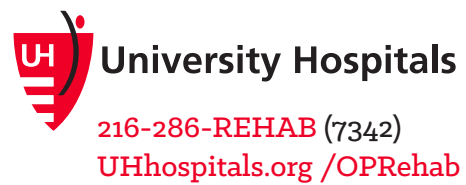
For more information or to find a UH neurological rehab specialist near you, scan below.



## Neurologic Rehabilitation Services



Outpatient  
Physical &  
Occupational  
Therapy



## NEUROLOGIC REHABILITATION MAY INCLUDE:

### NEUROLOGIC PHYSICAL THERAPY & OCCUPATIONAL THERAPY

Our neurologic specialists are experienced and/or board certified to treat neurological conditions. Therapists' backgrounds may include completing a fellowship and certification to become a neuro clinical specialist (NCS), certification in neurodevelopment treatment (NDT) or having clinical training to treat disorders such as stroke, traumatic brain injuries, spinal cord injuries, Parkinson's disease, dementia, multiple sclerosis, ALS, or balance disorders. PT focus is on functional mobility and OT focus is on everyday activities and upper extremity function.

### COGNITIVE REHABILITATION

Occupational therapists and speech language pathologists work with a multi-disciplinary team to focus on improving cognitive functions such as memory, planning, reasoning, or problem solving in everyday work, home management, self care, or community tasks.

### AMPUTEE REHAB

Amputee specialty therapists work closely with prosthetic team to help build a person's confidence in applying and training to use their prosthetic to improve safety with mobility and function.

### LSVT (LEE SILVERMAN VOICE THERAPY)

Specially trained LSVT LOUD certified clinicians uses loudness training to bring the voice to an improved, healthy vocal loudness with no strain. Treatment improves respiratory, laryngeal and articulatory function to maximize speech intelligibility. LSVT certified and clinicians uses large, exaggerated movements that lead to smoother, safer movements and quality of life.

### SPECIALTY EQUIPMENT

**FES:** Functional Electrical Stimulation to help stimulate nerves to promote muscle contraction and movement. Therapists use as modality or training, or person may use device for function.

**Neuro Com Balance Master:** Advanced simulator for treatment and assessment of the vestibular, proprioceptive systems

**Bioness:** type of electrical stimulation for upper or lower limb to help open/close hand or facilitate leg movement to assist walking

**BITS:** Bioness Integrated Therapy System: software based therapy platform to challenge and assess, vision, motor, and balance deficiencies

**Suspended/Unweighted Treadmill or system:** used in balance or gait training for safety

**Frenzel goggles:** used to track eye movements on computer screen with vestibular therapy and assessment.

## WHEELCHAIR EVALUATIONS

Working closely with wheelchair vendors, occupational or physical therapists will help to select and customize the most appropriate seating system for long term use to improve posture, breathing, function, and lessen pain.

## VESTIBULAR REHAB

For conditions related to dizziness due to vertigo, BPPV, head injury, inner ear disorders, headaches, or balance impairments, a physical therapist will assess balance, eye movements, gait and posture. More advanced need

may require equipment such as a NeuroCom Balance Master and a certified vestibular therapist for more objective measurements to determine which specific body systems are affected. See chart for locations that have specialized equipment.

## OT DRIVING EVALUATIONS

2-hour simulated driving assessment includes testing of reaction time, physical abilities, visual perception and cognition to help determine driver readiness after disease or injury. This is assessment is simulated in clinic, not on the road.

	PT NEURO	OT NEURO	COGNITIVE REHAB	LSVT	AMPUTEE REHAB	WHEELCHAIR EVALS	VESTIBULAR REHAB	DRIVING EVAL	NEURO SPECIALTY EQUIPMENT
ASHLAND	•	•		PT OT			•		Frenzel goggles
BOLWELL, CLEVELAND	•		OT ST						
BRUNNER. MENTOR	•								
CONNEAUT	•	•		PT OT			•		
FAIRLAWN							•		
GEAUGA YMCA, CHARDON	•	•	OT ST		•	•	•	•	Neurocom, BITS, Bioness, Unweighted Treadmill, Frenzel goggles, FES
GENEVA	•	•		PT			•		
KENT							•		
LAKE WEST, WILLOUGHBY	•	•		PT OT	•	•		•	Frenzel goggles.
MAYFIELD VILLAGE							•		
NORTH RIDGEVILLE				ST			•		
PARMA MAC 1	•	•	OT ST			•	•		Frenzel goggles. FES
PORTAGE, RAVENNA	•	•	OT ST	PT OT ST	•		•		
SHEFFIELD	•		ST	PT ST			•		
ST. JOHN, WESTLAKE	•	•	OT ST	PT OT ST	•	•	•	•	FES, Neuro com Balance Master, Suspended harness system, Frenzel goggles
STREETSBORO							•		
TRIPOINT CONCORD	•	•			•		•		
TWINSBURG							•		
WARRENSVILLE	•	•	ST	PT OT ST	•	•	•		FES, Neuro com Balance Master, Unweighted treadmill, Frenzel goggles
WESTLAKE					•				