

# NEUROSCIENCE SERVICES

McLaren Macomb is dedicated to providing outstanding, comprehensive neurological care in a patient-centered environment using state-of-the-art technology. Extensive experience and sub-specialty training of our physicians and technologists enables us to offer a comprehensive range of services to treat and diagnose conditions related to the brain, spine, spinal cord and peripheral nervous system. We collaborate with referring and primary care physicians to ensure the best possible outcomes.

## SPECIALTIES AND SERVICES

### Neuroscience Diagnostics

The key to success in treating neurological disorders is an accurate diagnosis. The neurology teams at McLaren Macomb provide the highest quality diagnostic testing, treatment and surgical services to manage numerous neurological conditions such as stroke, epilepsy, dementia, spinal cord injuries and Parkinson's disease.

### Diagnostic Procedures

- Ambulatory EEG
- Brain aneurysm repair
- Brain mapping
- Electroencephalogram (EEG)
- Electromyography
- Evoked potentials (EP)
- Intraoperative monitoring
- Nerve conduction studies
- Neurological rehab
- Neurology exam

### Epilepsy Monitoring Unit (EMU)

McLaren Macomb provides epilepsy treatment for patients who suffer from frequent seizures.

The Epilepsy Monitoring Unit (EMU) is a specialized inpatient unit at McLaren Macomb designed to evaluate, diagnose and treat seizures in patients of all ages. Epilepsy monitoring requires a prescheduled admission for a hospital stay and is done in a specially equipped private room. The information obtained from the monitoring is used by a multidisciplinary team to evaluate, diagnose, plan treatment and coordinate care for patients of all ages with seizures.

### McLaren Stroke Network

McLaren Health Care's telemedicine service provides patients with enhanced in-house stroke care and 24/7 access to highly specialized interventional neurologists who can provide advanced therapies for patients with strokes and aneurysms. The McLaren Stroke Network is the only program in Michigan where every stroke patient is seen by a stroke-trained interventional neurologist in minutes any time day or night. McLaren Macomb physicians and nurses who care for stroke patients have gone through a rigorous education process to better serve patients who come to our hospital with stroke signs and symptoms.

## CREDENTIALS

Certified as Level 1 Comprehensive Primary Stroke Center by The Joint Commission (TJC).

McLaren Macomb has earned recognition from the American Heart Association and American Stroke Association, including Get With The Guidelines®-Stroke Silver Plus and Target: Stroke Honor Roll Elite awards for the quality, efficiency and effectiveness of its treatment of patients who have suffered a stroke.

## EQUIPMENT

McLaren Macomb utilizes the latest in imaging technology. Our equipment is inspected regularly to ensure compliance with all safety standards.

## REPORTS

All testing procedures are interpreted by a board-certified radiologist. A referring physician will receive a full report after their patient's discharge.

## REFERRAL REQUIREMENTS AND APPOINTMENTS

- New patients must be referred by their primary care physician or another specialist.
- McLaren Macomb Neurology will schedule testing and verify insurance.

## BILLING AND INSURANCE

McLaren Macomb accepts most major insurance providers.

For more information, visit [mclaren.org/macomb](http://mclaren.org/macomb).



DOING WHAT'S BEST.