



TRUE NORTH
NEUROLOGY

Multiple Sclerosis

Why Choose True North Neurology?

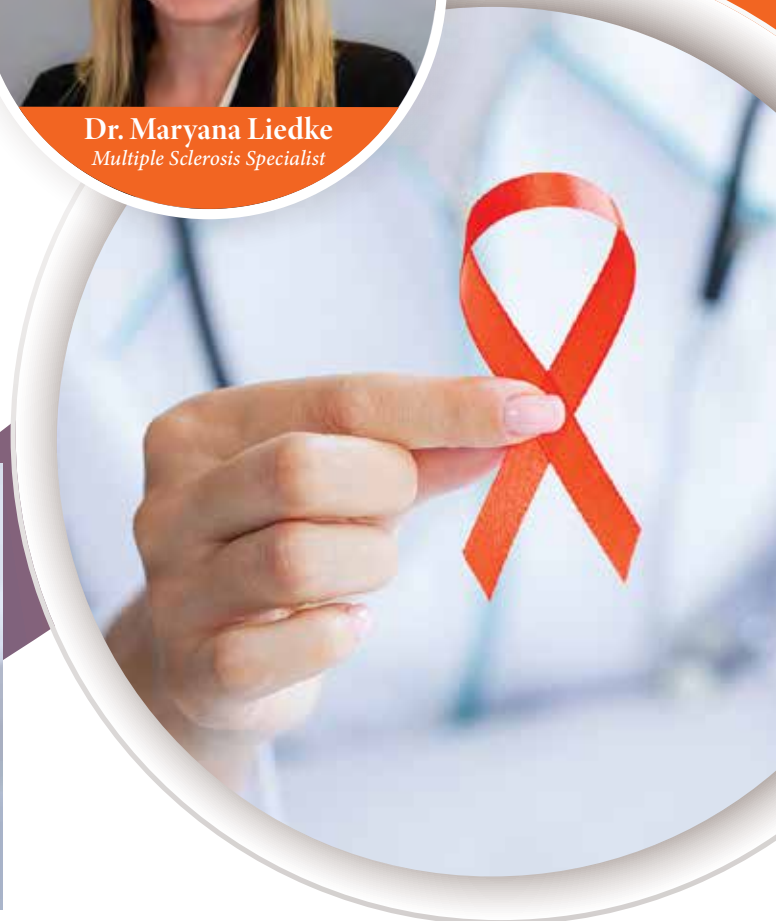
True North Neurology specializes in the treatment and management of Multiple Sclerosis. Our MS specialist, Dr. Maryana Liedke is board-certified in Neurology and fellowship-trained in Multiple Sclerosis. Dr. Liedke's mission at True North Neurology is to help patients with MS, by providing the latest treatment options backed by research and emerging science with an emphasis on personalized and compassionate care.



Dr. Maryana Liedke
Multiple Sclerosis Specialist



Learn more about
our dedication to
diagnosing and treating
Multiple Sclerosis.



If you or someone you know may have Multiple Sclerosis, we can help.
Contact True North Neurology to schedule an appointment today.



631-364-9119



Port Jefferson Station • Commack • Shirley



truenorthneurology.com

WHAT IS MULTIPLE SCLEROSIS?

Multiple Sclerosis is an autoimmune disorder of the central nervous system (brain, spinal cord, and optic nerves) that damages the myelin sheath of the nerve cells. This interrupts the transmission of information from the brain to different parts of the body resulting in difficulty with coordination and balance, vision and speech difficulties, tremors, muscle weakness, dizziness, and cognitive difficulties.

CAUSES OF MULTIPLE SCLEROSIS

Multiple sclerosis is mainly caused by damage to the myelin sheath that forms protective insulation around the nerves and helps in the conduction of nerve impulses. This damage occurs due to an autoimmune process and results in the disruption of nerve impulses and the formation of scar tissue (sclerosis). It can happen in multiple areas throughout the central nervous system. Repeated attacks can cause damage to the underlying nerve as well. It is unclear what causes multiple sclerosis but some of the associated risk factors include:

- Being female
- Allergies
- Viral infection
- Positive family history
- Genetic mutation
- Smoking
- Poor exposure to sunlight causes a vitamin D deficiency
- Vitamin B12 deficiency
- Exposure to mercury or other heavy metals
- Exposure to chemical solvents
- Having an autoimmune condition

SYMPTOMS OF MULTIPLE SCLEROSIS

Some of the common symptoms of multiple sclerosis include:

- Bladder problems
- Vision problems
- Tremors
- Muscle weakness
- Fatigue
- Sexual dysfunction
- Pain
- Muscle spasms
- Changes in gait
- Numbness or tingling sensation
- Difficulty in walking
- Vertigo
- Anxiety
- Cognitive problems

DIAGNOSIS OF MULTIPLE SCLEROSIS

Your doctor will review your medical history and symptoms and based on this, a physical and neurological examination will be performed. Your movement, muscle strength, balance, coordination, and vision will be assessed. The following diagnostic tests may be ordered:

- Blood tests
- Magnetic Resonance Imaging (MRI) Scan
- Lumbar puncture
- Evoked Potential Test
- Optical Coherence Tomography (OCT)

True North Neurology is led by Dr. Warren Spinner, Medical Director & his team of dedicated, experienced & qualified board certified & fellowship trained providers ready to provide comprehensive neurological care specializing in Multiple Sclerosis, Headaches, Sleep Disorders & Epilepsy in a friendly & relaxed atmosphere.

Call to schedule an appointment at 631-364-9119.



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1010 Route 112
Suite 300
Port Jefferson Station, NY 11776

6080 Jericho Turnpike
Suite 100
Commack NY 11725

1500 William Floyd Parkway
Suite 303
Shirley, NY, 11967



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