



The right treatment at the right time.

Multiple Sclerosis, MS, is an auto-immune disease in which the body's immune system malfunctions. MS causes the immune system to attack healthy areas of the central nervous system including the brain and spinal cord. MS typically develops in men and women ages 15-35 and is a lifelong progressive disease that causes inflammatory damage to the nervous system.

Benefits for the Patient

- An organized, coordinated team approach to patient care consisting of physician, nurse practitioner, physical/occupational therapists and counselors.
- Pursuit of current FDA-approved treatments.
- Conemaugh-sanctioned clinical treatment trial participation.
- MS support group for personal interaction.

Diagnosis

Diagnosis of MS is based on clinical findings supported by blood and cerebrospinal fluid tests as well as brain and spinal cord abnormalities noted on MRI scans.

There is no single test that definitively diagnoses MS. Degrees of certainty with diagnosis include:

- Clinically Possible MS**
- Clinically Probable MS**
- Clinically Definite MS**

Additional disease possibilities that target the Peripheral or Central Nervous System (like Guillain-Barre syndrome or Lyme disease) or the immune system (like Lupus or Sjogren's syndrome) have similar symptoms to MS and could be considered by the physician as alternative diseases that act like MS.

Treatment

Disease Modifying Drug treatment changes the pace of the disturbed immune system to prevent attacks on the healthy nervous tissue of the brain and/or spinal cord.

1st Generation Beta-Interferon

Betaseron	Injection every other day
Avonex	Injection every week
Plegridy	Injection every two weeks
Rebif	Injection Monday, Wednesday, Friday

Copolymer

Copaxone	Injection Mon/Wed/Fri
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2nd Generation Cellular Adhesion

Molecule

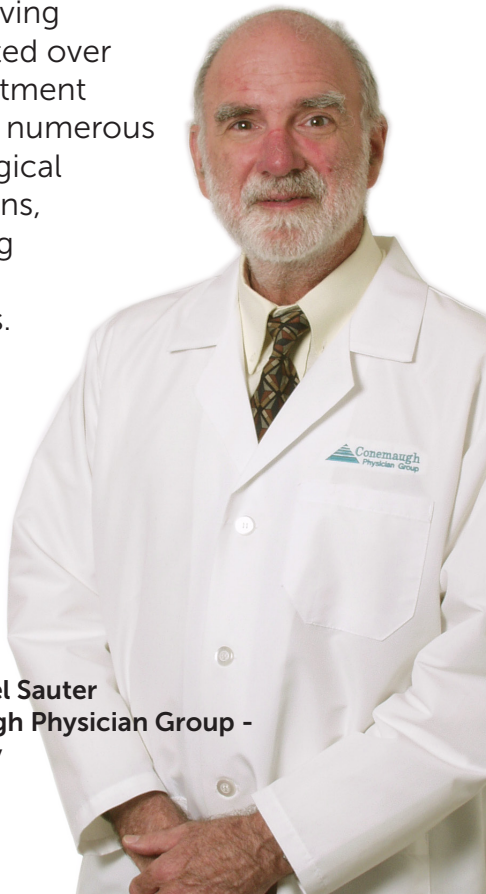
Tysabri	Infusion every four weeks
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3rd Generation Monoclonal Antibodies

Gilenya	Capsule once a day
Tecfidera	Capsule twice a day
Aubagio	Capsule once a day
Lemtrada	Intravenous infusion daily for one week, first year
Zimbrytra	Intravenous infusion

Conemaugh Health System's Multiple Sclerosis Clinic is under the direction of Michael Sauter, MD, a physician board certified in neurology, vascular neurology, behavioral neurology and neuropsychiatry.

Dr. Sauter earned his medical degree and master's degree in biomedical engineering from Ohio State University. He is passionately involved in clinical trials, having conducted over 100 treatment trials for numerous neurological conditions, including multiple sclerosis.



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Learn more at conemaugh.org.



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Conemaugh Memorial Medical Center

Multiple Sclerosis Clinic

