

Multiple Sclerosis is a progressive disease characterized by disseminated demyelination of nerve fibers of the brain and spinal cord. Because there are many conditions affecting the nervous system, MS is a difficult condition to diagnosis.<sup>2</sup>

2.. Mosby's Dictionary of Medicine, Nursing, & Health Professionals 7<sup>th</sup> e . . .



#### DISCLAIMER

The information contained in this brochure is not meant to be construed as medical advice and should not be relied on as such. It is not a referral by a physician. This information is being provided by PDI Medical for the education and support of qualifying patients or designated caregivers. All patients and designated caregivers have the right to select the dispensary of their own choice.

### Service Area

The professional staff at PDI Medical provides medical marijuana counseling and products to individuals living in Chicago and the surrounding suburbs

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#### Hours

Monday - Friday: 8 am to 6 pm  
Saturday: 9 am to 3 pm  
Sunday - closed



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## Multiple Sclerosis

“Medical marijuana does not appear to have curative effects on any neurologic condition, but it may ameliorate unwanted symptoms and ease suffering”<sup>1</sup>

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1. Fife, Terry, et al, “Clinical perspectives on medical marijuana (cannabis) for neurological disorders Neurology Clinical Practice Aug 2015

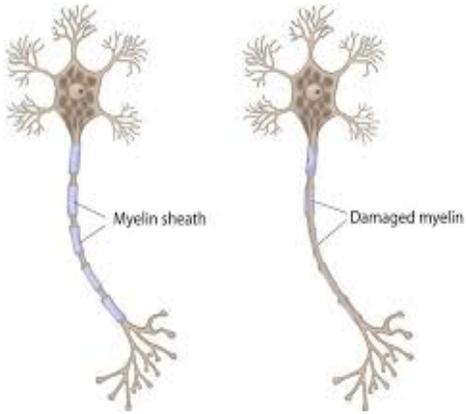


Image: [www.wisegeekhealth.com](http://www.wisegeekhealth.com)

## About Multiple Sclerosis<sup>3</sup>

- The term multiple sclerosis refers to two characteristics of the disease; numerous affected areas in the brain and spinal cord that produce multiple neurologic symptoms, and the characteristics of the plaques or sclerosis areas
- MS is an inflammatory disease of the central nervous system that affects between 250,00 and 350,000 people in the United States
- Women are more afflicted than men by a ratio of 2:1
- A genetic component exists

3. Dipiro, et al. Pharmacotherapy 7<sup>th</sup> ed

"This is the first-ever review, evidence-based recommendation, on the treatment of MS with CBM (cannabis-based medicine) therapies," says Dr. Vijayshree Yadav, lead author and clinical director of Oregon Health and Science University's **Multiple Sclerosis Center**.

"There were 29 different therapies included in the guidelines. Nineteen studies looked at cannabis."<sup>4</sup>



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4. <http://www.neurology.org/content/82/12/1083.full>

## Desired Strain Effects

- Patients may prefer a hybrid that primarily contains Indica for its treatment of body pain, muscular spasms, seizures and anxiety.
- There may be energizing and uplifting benefits by including sativa in the mix

## Administration methods

Palliative effects may assist with relief of:

- Anxiety
- Pain
- Fatigue
- Spasticity

## Clinical Presentation<sup>3</sup>

Most patients will present with nonspecific complaints. Many will have problems with their vision or may have several subjective sensations such as tingling, or pins and needles.

Primary Symptoms: (some examples)

- Visual complaints
- Gait problems
- Subjective Sensations
- Pain
- Spasticity
- Weakness
- Ataxia
- Speech Difficulty