



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 patient's 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 products, counseling and services 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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Fibromyalgia (Severe)

At the 2013 International MYOPAIN Meeting in Seattle, Washington, Dr. Jon Berner presented his poster:

"Marijuana Use in Chronic Pain Patients Inversely Correlates with Density of Comorbid Autistic Traits."

The The National Fibromyalgia and Chronic Pain Association (NFMCPA) decided to collaborate with Dr. Berner on a survey to determine the interest of people with fibromyalgia in utilizing marijuana as a pain medication.



About Fibromyalgia³

- This condition is a form of non-articular rheumatism which is characterized by musculoskeletal pain, spasms, stiffness, fatigue, and severe sleep disturbance.
- Most common areas of pain or stiffness may include the lower back, neck, shoulders, arms, hands, knees, hips, thighs, legs and feet.
- These sites are known as trigger points
- Physical therapy, nonsteroidal anti-inflammatory drugs and muscle relaxants may provide temporary relief

Cannabinoids²

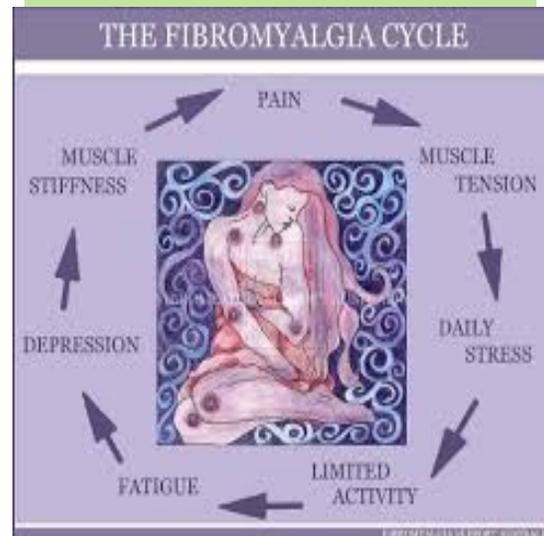
Only until recently scientists have learned how chemicals in marijuana act on individual cells, both in the brain and elsewhere in the body.

- This new knowledge will be crucial to determine how marijuana and its chemicals affect users.
- The cannabinoids produce their effect by binding to specific proteins, called receptors.
- The cellular receptors that bind to the THC and various other chemical relatives of cannabinoids, are abundant in the brain. The two main types of cannabinoid receptors are known as CB₁ and CB₂.
- These cannabinoid receptors play an important role in pain transmission along peripheral nerves and all parts of the body and relay messages to the brain via the spinal cord.

3. Mosby's Dictionary of Medicine 7th ed

Several biological studies indicate that marijuana-based drugs could potentially ease a variety of symptoms, despite the scarcity of clinical data.

Some of these studies may suggest that cannabinoids could possibly be used as a basis for developing new, highly specific medicines with fewer side effects.²



 **PDI Medical**
Professional Dispensaries of Illinois

CANNABIS HEALTH CARE

2. Mack, Alison Joy, Janet, *Marijuana as Medicine*. NAP, 2001.

Desired Strain Effects

Patients that suffer from this condition should look for cannabis strains that provide the following relief from:

- Fatigue
- Chronic pain
- Nausea
- Insomnia

The cannabis strain which may be most helpful for patients suffering from fibromyalgia would be indica-dominant hybrids

Administration methods

There are legitimate concerns about using the marijuana plant because the dosages can differ greatly between the THC, CBD and other components.

There are further concerns exist about the quality, possible contamination, and the lack of close regulation concerns are ongoing.

Side Effects

Long term side effects of cannabis:¹

Limited evidence suggests that long-term use of cannabis might be associated with a small reduction in hippocampal volume in users compared with non-users.

There is some suggestion that chronic heavy use may be associated with a decline in conceptual planning and decision making ability.

Long-term memory may be adversely affected based on dosing.

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