



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

1623 Barclay Blvd
Buffalo Grove, IL 60089
224 - 377 - 9PDI (9734)
847- 947- 8896 Fax

Hours

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



www.pdimedical.com

 **PDI Medical**
Professional Dispensaries of Illinois
CANNABIS HEALTH CARE

Muscular Dystrophy

Characterized by a progressive atrophy of groups of skeletal muscles, as seen below:



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“There are really no other medications that have the same mechanisms of action as marijuana. Dronabinol (Marinol) is available by prescription in capsules, but has the distinct disadvantage of containing only the synthetic delta-9-tetrahydrocannabinol (THC), which is only one of many therapeutically beneficial cannabinoids in the natural plant. Cannabinoids have also been shown to be remarkably safe with no potential for overdose.”

A statement by Gregory Carter, MD, Co-Director, MDA / ALS Center of University of Washington Medical Center in October 2003.

Muscular Dystrophy²

- A genetically transmitted disease
- A group of diseases that cause progressive weakness & loss of muscle mass
- In MD, abnormal genes interfere with the production of proteins needed to form healthy muscle
- Symptoms of the most common variety begin in childhood, primarily in boys
- Other types may not surface until adulthood
- Some people who have MD will eventually lose the ability to walk
- Some may have trouble breathing or swallowing
- There is no cure for muscular dystrophy
- Medications and therapy can help manage symptoms and slow the course of the disease

2. <http://www.mayoclinic.org/diseases-conditions/muscular-dystrophy/basics/definition/con-20021240>

States that implemented medical marijuana laws appear to have lower annual opioid analgesic overdoses death rates (both from prescription pain killers and illicit drugs such as heroin) than states without such laws although the reason why is not clear.

News release from
The JAMA Network
on Monday, August 25, 2014
Written by: Marcus A. Bachhuber,
M.D., of the Philadelphia Veterans
Affairs Medical Center

*Medical marijuana:*¹

- May assist in the treatment of pain
- May help reduce the amount of opiates needed to relieve pain



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1. E Alfonso Romero-Sandoval, et al., *Peripherally restricted cannabinoids for the treatments of pain.* *Pharmacotherapy* 2015;35(10):917-925.

Desired Strain Effects

Medical cannabis that has a high CBD vs. THC percentage would be beneficial for patients who suffer from Muscular dystrophy (MD).

Preferred strains would provide relief:

- Neuropathic pain
- Depression
- Reduction of fatigue

Administration methods

Vaporization can be the most effective.

Cannabinoids are believed to have a capacity as a neuromodulator because of the receptor based mechanisms that exist within the nervous system.

The therapeutic properties in cannabinoids may also be applicable for treatment of neurological disorders providing; anti-oxidative, neuroprotective effects, analgesia, anti-inflammatory properties, immunomodulation, modulations of glial cells and tumor growth regulation.

Always seek the advise of your physician or other qualified healthcare provider before stopping or starting any new treatment.