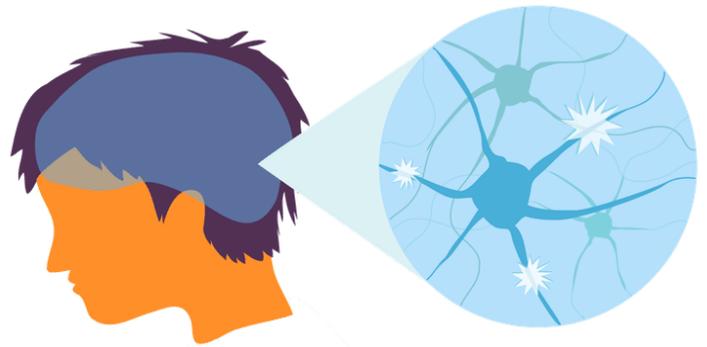


CBD & MULTIPLE SCLEROSIS

Studies have shown that cannabinoids are effective for the management of symptoms associated with Multiple Sclerosis and may also be beneficial for limiting the disease's progression.

Research suggests that cannabis can slow down the neurodegenerative process of MS. In one study, it was found that cannabinoids demonstrated neuroprotective effects during a test conducted on an animal model of MS,

Another study found that cannabinoids administered to animals with a model of Multiple Sclerosis reduced neurological disability, improved motor coordination and limited the progression of the disease.



CBD has shown to be effective in reducing pain, inflammation and muscle spasms and stiffness caused by Multiple Sclerosis.

CBD & PARKINSON'S

The endocannabinoid system plays a major role in Parkinson's disease. Research on CBD, THC, and THCV has demonstrated that cannabis medicine may help to manage Parkinson's symptoms. While currently available Parkinson's medication seeks to redress the depletion of dopamine, the focus of cannabidiol research is into the neuroprotective, antioxidant and anti-inflammatory properties of the compound.

Studies have shown that when Parkinson's disease patients use CBD as a therapeutic aid, they show improvements in sleep, pain, bradykinesia, tremors, rigidity, motor impairments, and disability.

CBD helps in the reduction of pain and motor symptoms within 30 minutes of administration. The fact that CBD is anxiolytic enables it to improve mood and sleep patterns while decreasing psychosis among Parkinson's patients. It's as a powerful antioxidant, that CBD shows most promise for Parkinson's. CBD scavenges the free radicals that cause oxidative stress, commonly believed to be a precursor to Parkinson's.

Additionally, CBD helps in the reduction of pain and motor symptoms within 30 minutes of administration. The fact that CBD is anxiolytic enables it to improve mood and sleep patterns while decreasing psychosis among Parkinson's disease sufferers.



CBD & FIBROMYALGIA

People who suffer from fibromyalgia commonly suffer from “flare-ups”, where the pain is incredibly debilitating, almost unbearable. Since pain is the body’s response to inflammation, introducing CBD into the endocannabinoid system can significantly reduce inflammation and decrease pain caused by these “flare-ups”.

CBD can be useful in increasing brain function, concentration, elevate mood, and improve cognitive abilities when experiencing “fibro fog”. CBD can act as a mood elevator and interrupt the way your brain is experiencing feelings of “fogginess” or fatigue and the feelings of anxiety that may result.

With Irritable Bowel Syndrome (IBS) and fibromyalgia often occurring hand in hand, CBD gives the endocannabinoid system a constant stream of internal regulators that help to control “flare-ups”, problems with IBS, or chronic pain before they begin.

CBD has been revered for its ability to reduce feelings of anxiety, alertness, and awareness in a person suffering from the pain of fibromyalgia and improve overall sleep patterns, including allowing for extended rest and relieving insomnia.



CBD & ARTHRITIS

Approximately 54 million adults and 300,000 children in the U.S. have been diagnosed with arthritis or some other type of rheumatic disease-causing joint pain according to the Arthritis Foundation (AF).

If you consider all the individuals who have arthritis but have not yet been diagnosed, the AF suggests that the true count is likely closer to 91.2 million in total. To make matters even worse, that number is expected to grow by 49 percent by the year 2040.

The most precarious and debilitating symptoms suffered by arthritis patients include pain, stiffness, and decreased movement within the joints, all of which can be severe and worsen over time. In addition, there are other symptoms that are just as troublesome, such as anxiety and depression. Not only that, but it can become especially trying when you must contend with other medical problems that tend to coexist with arthritis, like heart disease, diabetes, and obesity.

Some medications and treatment programs can potentially help ease these negative effects, but many people are searching for a more natural pain relief option. This is where CBD oil comes into play.

A study published in the journal *Pain* in December 2017 analyzed whether CBD could prevent osteoarthritis pain and joint neuropathy. Based on their findings, researchers affirmed that it did both because it decreased joint inflammation and served as a protectant to the nerves.

CBD oil has been found to relieve other chronic pains as well. For instance, research published in *Therapeutics and Clinical Risk Management* indicates that cannabinoids have been helpful with easing pain for individuals diagnosed with conditions such as multiple sclerosis and cancer.

Other studies have reported positive effects for individuals taking CBD to ease their fibromyalgia pain, many of whom only experienced mild side effects from this chemical compound, such as dry mouth, drowsiness, and dizziness.

