

Presented by



Miracle Cure or Snake Oil? Is This \$20 Billion Industry for Real? **Get the Facts Here!**

Today everybody is looking for their miracle cure to solve all of their problems. Something to ease their pain, cope with anxiety, or deal with other obstacles that come their way.

One product that people are starting to mention as this possible miracle cure is CBD oil.

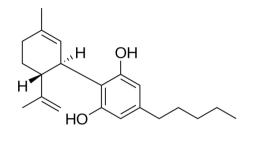
But is CBD oil all it's cracked up to be or is it just another fad of the week?

This booklet will help answer that question in order for you to make that decision for yourself.



What is CBD?

Cannabidiol – better known as CBD – is 1 of over 100 cannabinoids found in *Cannabis sativa*, the Latin name for cannabis or hemp.



It is the non-psychoactive part of marijuana and hemp plants, and it is becoming increasingly more popular due to its newly discovered many health benefits.

CBD won't give you the "high" that's commonly associated with its stoner cousin THC (Tetrahydrocannabinol), but will still help various ailments – including liver health – and can lead to living a healthier life.

As marijuana and CBD have become more widely accepted and legalized for medical purposes across the country, doctors are doing more research on the benefits of CBD. What they are finding is that it can help a variety of conditions due to its anti-inflammatory, antioxidant, antipsychotic, anti-convulsant, and antidepressant properties.



Before moving forward, it should be noted that the cannabis family consists of 2 different types of plants: **hemp** and **marijuana**. Marijuana is considerably higher in THC content while hemp has relatively little THC. Because of this, many companies choose to derive their CBD from hemp.

Types of CBD Oil

Regardless of which plant the CBD comes from, there are 2 different types of CBD oil:



CBD Isolate

This type is considered more pure, because it goes through an extra extraction process to remove all the THC and terpenes.



Full Spectrum CBD

This type has THC and terpenes in it, and can provide a slight high or what is known as "the entourage" effect.

There are over 50 known benefits of using CBD!

Here are some of the most popular potential uses:

Acne

CBD effects acne in 2 ways:

50+

- It's anti-inflammatory properties can help reduce the inflammation of skin within the zit.
- It prevents the production of lipid synthesis (the oily substance) and induces cell death in the sebaceous glands where pimples and cysts develop.

ADD/ADHD & Focus

By CBD providing a calming effect and its ability to reduce stress and anxiety, it enables you to be less distracted, focus better and be more productive.

Addiction

It has been found to be therapeutic for those suffering from opioid or cocaine addictions.

ALS (also known as Lou Gehrig's Disease)

CBD can help in symptom management of ALS, including analgesia, muscle relaxation, bronchodilation, saliva reduction, appetite stimulation, and sleep induction.

Based on the currently available scientific data, it is reasonable to think that CBD might slow the progression of ALS, potentially extending life expectancy and substantially reducing the overall burden of the disease.

Alzheimer's / Memory

Several findings indicate that by activating the CB1 and CB2 receptors with endocannabinoids or CBD, you can improve learning and memory and reduce neuroinflammation and oxidative stress in the brain.

CBD also acts as a neuroprotector, aids in the neurogenesis of new healthy brain cells, and promotes the brain's intrinsic repair mechanisms.

Anxiety, Depression, Stress, PTSD

Studies show that using CBD has helped those who suffer from anxiety, depression, stress and PTSD, by interacting with the brain's receptors that produce serotonin, and its ability to increase levels of the endocannabinoid, anandamide, which was nicknamed the "bliss" cannabinoid because of its positive effects on the mind and all these health issues.

Arthritis, Osteoarthritis

CBD was administered after onset of arthritis symptoms, and the treatment effectively reduced pain and blocked the progression of arthritis.

Studies show that when CBD interacts with the body's endocannabinoid system, it has an anti-inflammatory effect, helping relieve pain related to various diseases including neuropathic pain from Multiple Sclerosis (MS).

The ubiquitous distribution of cannabinoid receptors, together with the physiological role of the endocannabinoid system in the regulation of pain, inflammation and even joint function further support the therapeutic effect of CBD for Osteoarthritis.

Asthma

Research has shown that CBD can reduce pain and inflammation due to immune/allergic reactions and asthma. CBD can also activate CB1 receptors on bronchial nerve endings to increase airflow, making it easier for one to breathe.

Autism

CBD can help deal with some of Autism's behavioral symptoms, including anxiety and seizures and with more research, it is hoped it can reverse them too.

Bipolar Disorder

CBD can help deal with the mood swings associated with Bipolar Affective Disorder.

Cancer

Numerous studies have proven the health benefits of CBD on many forms of cancer, such as lung, prostate/colon, breast, brain, skin, endocrine, and bladder cancer.

Studies have shown that CBD helps slow down tumor growth and it can help those undergoing cancer treatment better deal with the side effects of chemotherapy like nausea and pain.

Studies have also shown that there was a lower rate of cancer among test subjects who were treated with CBD than those who weren't.

Crohn's and Colitis

CBD is proven to alleviate the pain and anxiety associated with Crohn's and Colitis.

Endocrine Disorders

CBD helps stimulate the endocrine system to secrete hormones in the body to better control appetite, food intake, energy balance and overall homeostasis.

Fibromyalgia, Irritable Bowel Syndrome (IBS), and Migraines

CBD aids in reducing the pain associated with Fibromyalgia and can help deal with the fatigue associated with it by allowing you to fall asleep easier and sleep longer.

Migraines, Fibromyalgia and Irritable Bowel Syndrome (IBS) all display common clinical, biochemical and pathophysiological patterns that suggest an underlying endocannabinoid deficiency that may be suitably treated with cannabinoids such as CBD.

Heart Health

Studies show that it can help improve blood flow, lower your heart rate, and reduce blood pressure. It can also help prevent heart damage brought on by diabetes, high glucose levels, and inflammation.

Liver Disease

Studies have shown that CBD oil can reduce the harmful effect of elevated liver enzymes and fat accumulation in the liver.

Additional research shows that CBD may be one of the most attractive tools in treating patients with cirrhosis, as it may slow the progression of fibrosis and lessen the cardiovascular events associated with the advanced stage of the disease.

Initial research has shown that CBD can trigger receptors to suppress T cell functions which in turn, can inhibit inflammation and hepatitis.

Immune Support

CBD has four ways to help support immune health:

- CBD provides the ability to maintain a healthy inflammatory response.
- It has been shown to help maintain a healthy intestinal inflammatory response—a healthy gut can promote overall immune health.

- Stress can negatively impact immunity and CBD can assist with reducing stress.
- Lastly, CBD has been shown to balance the immune system by reducing the activity of t cells, B cells, and both T healther and T cytotoxic lymphocyte.

Motion Sickness

CBD has proven to be helpful in reducing the nausea and anxiety associated with motion sickness.

Nausea

When interacting with serotonin releasing receptors, CBD helps alleviate nausea and vomiting.

Neurological Disorders

CBD's neuro-protective properties help cope with the following conditions: Huntington's Disease, Neurodegeneration, Neuropathic Pain, Parkinson's Disease, Prion-MCD, and Spinal Cord Injuries

Obesity & Weight Loss

CBD has been shown to help weight loss and improve your metabolism. It stimulates genes and proteins that enhance the breakdown and oxidation of fat. It increases the number and activity of mitochondria which improves your metabolism and increases your body's ability to burn calories.

CBD induces "fat browning" – that is, converting what is normally white-colored fat tissue (WAT-white adipose tissue) that stores energy to beige-colored fat tissue (BAT-brown and beige adipose tissue) that burns it.

Sleep Disorders

Those who have trouble falling asleep or suffer from insomnia have found CBD helps them fall asleep, sleep longer, and wake up fewer times in the night. It has also shown to improve the sleep-wake cycle, letting users have a deeper sleep at night so they will be more alert during waking hours.

Why is CBD so Effective?

In the 1990s while researching CBD and THC and their effects on animals and humans, it was discovered that we all have an internal system that functions to keep our bodies in equilibrium – a balanced and optimal internal environment.

Research revealed that two cannabinoids that are produced in our bodies, known as endocannabinoids, and two cannabinoids produced from the marijuana and hemp plants (THC and CBD) can trigger this system into action.

Due to the effect these 4 cannabinoids have on this newly discovered system, it was named the **Endocannabinoid System (ECS)**.

When something is operating outside of its normal range, our body activates our ECS to help correct the abnormality. The ECS does this via cannabinoid receptors found in select tissues throughout our bodies. We have two primary endocannabinoid receptors:

- **CB1 receptors**, which are primarily located in our central nervous system (brain and nerves of the spinal cord).
- **CB2 receptors**, which are primarily located n our peripheral nervous system (nerves in our extremities), the digestive system, and specialized cells in the immune system.

By supplementing our bodies with CBD, we can supercharge our ECS into action to help it resolve or lessen the impact of our issues, and return our body to its normal range and optimal function.

6 Popular Forms of CBD

Vapor

It can be inhaled or "vaped" by using a vaporizer pen. This is one of the most effective ways for CBD to be used by your system as it hits your bloodstream the fastest.

Edible

It can be worked into food, something as simple as a gummy bear or more elaborate like your favorite recipe. There are endless ways to simply eat it. Feeling the effects of CBD by eating it will not be as fast as inhalation or a tincture.

Bath Bombs

If you're looking to take a nice, relaxing bath, these days you can find bath bombs at your local mall that have CBD oil worked right into them. Drop the bath bomb into the tub and enjoy. Similarly, there are soaps and shampoos that also have CBD oil mixed right in to help you have a relaxing bath or shower.

Tincture

A liquid that is placed under the tongue, which then dissolves and gets absorbed directly into your bloodstream. As with inhalation, it is the other form of CBD that hits your bloodstream pretty fast. Some consider this method to be the best absorbed and most effective way to take CBD. Some say it is inhalation.

Capsule

It can be put into a capsule that you simply swallow. Similar to edibles, this could be a preferred method for those who just want something they can ingest quickly.

Topical

For surface pains, CBD oil can simply be worked into a topical cream or balm that you rub onto parts of your body that are currently sore. This is a good method for sore muscles or other bodily aches and pains.



Legality

The Agriculture Improvement Act of 2018, also known as "The Farm Bill," was passed by Congress and signed by the President, stating that hemp-derived products, like CBD, are no longer classified as a Schedule 1 Controlled Substance and are legal to sell in all 50 states.

Side Effects

Compared to prescription drugs or other medications – which can be addictive or cause other major side effects – CBD oil is considered to have rather limited side effects.

While side effects are not all that common, some patients have shown to have the following side effects:

- Diarrhea
- Changes in Appetite
- Tiredness It's worth noting that in the studies, for those who experienced tiredness, it was not revealed if they were taking the CBD with THC or the CBD Isolate.

CBD can also potentially counteract some medications or cause unwanted reactions. If you are currently on any medications and are considering taking CBD oil, consult with your doctor first.

Conclusion

If you're looking for a new remedy to deal with everyday stress or possibly something more severe – whether it's searching for a way to relax after a long day, falling asleep more easily, or dealing with aches and pains, CBD is worth giving a try.

It's non-habit forming and has shown to have great potential as a form of alternative medicine.

But you need to make sure you are buying from the right people. Always look at the labels for the product you are buying and make sure that it was properly tested by a third party. You want to know that you are putting the right products in or on your body.

Special Offer

Now that you've learned about CBD and its benefits, check out a special offer on the next page.

SPECIAL OFFER!

As a special thank you, use code **CBD15** to enjoy 15% OFF + FREE SHIPPING* on our CBD products!

All our products are:

- THC-Free No high and no drug test issues
- 100% USA-grown, non-GMO industrial hemp
- Manufactured in an FDA Registered facility maintaining cGMP compliance and food certified
- 3rd party lab tested for purity and potency, ensuring what's on the label is what's inside each bottle

Hemp Oil - 500MG CBD Isolate

\$27.99 \$23.79 + Free Shipping

- Fast-acting sublingual tincture delivery system best absorbed and most effective way to take CBD
- Purest form of CBD available
- Light, all-natural peppermint flavor makes it easy to take
- Each serving (20 drops) contains 16.66 mg of our premium pure CBD isolate. 500 mg of total CBD isolate per bottle.





Hemp Oil - 1500MG CBD Isolate

\$49.99 \$42.49 + Free Shipping

• Each serving (20 drops) contains 50 mg of our premium pure CBD isolate. 1500 mg of total CBD isolate per bottle.





*Free Standard Shipping in the 48 contiguous states. Special offer code CBD15 cannot be combined with other offers or EasyAutoShip plans. Not valid on prior orders.

SPECIAL OFFER!

As a special thank you, use code **CBD15** to enjoy 15% OFF + FREE SHIPPING* on our CBD products!

CBD Pain Relief Cream

\$33.99 \$28.89 + Free Shipping

- Reduces inflammation, soothing minor muscle and joint pain
- Rapid penetration and relief from arthritis, sore muscles, joint pain and strain
- 500 mg pure, THC-Free CBD oil per jar





Sources

Alessandro Pini, Guido Mannaioni, Domenico Pellegrini-Giampietro, Maria Beatrice Passani, Rosanna Mastroianni, Daniele Bani and Emanuela Masini, "The Role of Cannabinoids in Inflammatory Modulation of Allergic Respiratory Disorders, Inflammatory Pain and Ischemic Stroke", Current Drug Targets (2012) 13: 984. https://doi.org/10.2174/138945012800675786

Aso, E., & Ferrer, I. (2014). Cannabinoids for treatment of Alzheimer's disease: moving toward the clinic. Frontiers in pharmacology, 5, 37. doi:10.3389/fphar.2014.00037

Cadena, A. (2017, December 22). The Top 3 Ways to Use CBD. Retrieved March 26, 2019, from https://medium.com/cbd-origin/the-top-3-ways-to-use-cbd-9ebff8c305f0

Cadena, A. (2019, March 23). Research Shows CBD Benefits 50+ Conditions. Retrieved March 26, 2019, from https://cbdorigin.com/cbd-benefits-many-conditions/#1509173332295-1b6170bf-ec5b

Caraceni, P., Domenicali, M. and Bernardi, M. (2008), The Endocannabinoid System and Liver Diseases. Journal of Neuroendocrinology, 20: 47-52. doi:10.1111/j.1365-2826.2008.01679.x

Carter, G. T., Abood, M. E., Aggarwal, S. K., & Weiss, M. D. (2010). Cannabis and Amyotrophic Lateral Sclerosis: Hypothetical and Practical Applications, and a Call for Clinical Trials. American Journal of Hospice and Palliative Medicine®, 27(5), 347–356. https://doi.org/10.1177/1049909110369531

Cell Press. (2013, April 11). Mutations found in individuals with autism interfere with endocannabinoid signaling in the brain. ScienceDaily. Retrieved March 26, 2019 from www.sciencedaily.com/releases/2013/04/130411123852.htm

CV Sciences, Inc. (2016, August 11). Can Cannabidiol (CBD) Help Support Weight Loss and Metabolism? Retrieved March 26, 2019, from https://www.leafly.com/news/health/cbd-weight-loss-metabolism

Gardner, F. (2010, Summer). New Hope in the War on Zits - Cannabidiol as a Treatment for Acne? Retrieved March 26, 2019, from https://www.beyondthc.com/wp-content/uploads/2013/08/CBD-for-Acne.pdf

Garland, R. (2017, October 13). Cannabis and asthma? You might be surprised at what happens when you combine the two... Retrieved March 22, 2019, from https://www.green-flower.com/articles/322/how-cannabis-treats-asthma

Granowicz, J. (n.d.). A History of Endocannabinoids and Cannabis. Retrieved March 26, 2019, from https://www.uttbio.com/a-history-ofendocannabinoids-and-cannabis/

Hegde, V. L., Nagarkatti, P. S., & Nagarkatti, M. (2011). Role of myeloid-derived suppressor cells in amelioration of experimental autoimmune hepatitis following activation of TRPV1 receptors by cannabidiol. PloS one, 6(4), e18281. doi:10.1371/journal.pone.0018281

Jorisch, A. (2018, June 19). A higher calling: How Israeli marijuana research changed the world. Retrieved March 26, 2019, from https://www.jpost.com/Opinion/A-higher-calling-How-Israeli-marijuana-research-changed-the-world-560381

Kerr, S., MD. (2018, February 26). Managing Nausea with Cannabis. Retrieved March 22, 2019, from https://www.projectcbd.org/medicine/managing-nausea-cannabis

Kubala, J., MS, RD. (2018, February 26). 7 Benefits and Uses of CBD Oil (Plus Side Effects). Retrieved March 26, 2019, from https://www.healthline.com/nutrition/cbd-oil-benefits

La Porta, C. , Bura, S. A., Negrete, R. and Maldonado, R. (2014), Involvement of the endocannabinoid system in osteoarthritis pain. Eur J Neurosci, 39: 485-500. doi:10.1111/ejn.12468

Malfait, A. M., Gallily, R., Sumariwalla, P. F., Malik, A. S., Andreakos, E., Mechoulam, R., & Feldmann, M. (2000). The nonpsychoactive cannabis constituent cannabidiol is an oral anti-arthritic therapeutic in murine collagen-induced arthritis. Proceedings of the National Academy of Sciences of the United States of America, 97(17), 9561-6.

Mabe, A., BS, MA. (2018, November 15). CBD For Crohn's Disease: How CBD Oil Helps Manage My Chronic Illness. Retrieved March 22, 2019, from https://ministryofhemp.com/blog/cbd-for-crohns-disease/

Maroof, N., Pardon, M.C., Kendall, D.A. (2013), Endocannabinoid signaling in Alzheimer's disease. Biochemical Society Transactions, 41(6): 1583-1587. doi: 10.1042/BST20130140

Mea, D. (2017, November 2). CBD and Our Endocrine System. Retrieved March 22, 2019, from https://hempingtonpost.com/cbd-endocrine-system/

Meletis, C. (2020, March 23). CBD and the immune system: 4 ways CBD oil provides a virus-season boost. Retrieved July 29, 2020, from https://www.chiroeco.com/cbd-immune-system/

Michael Iskedjian, Basil Bereza, Allan Gordon, Charles Piwko & Thomas R. Einarson (2007) Meta-analysis of cannabis based treatments for neuropathic and multiple sclerosis-related pain, Current Medical Research and Opinion, 23:1, 17-24, doi:10.1185/030079906X158066

Patterson, M., RN, BSN, CRRN. (2018, March 01). Raphael Mechoulam The Most Famous Cannabis Scientist That You've Probably Never Heard Of. Retrieved March 26, 2019, from https://gbsciences.com/2018/03/01/raphael-mechoulamcannabis-scientist/

Piomelli, D., & Russo, E. B. (2016). The Cannabis sativa Versus Cannabis indica Debate: An Interview with Ethan Russo, MD. Cannabis and cannabinoid research, 1(1), 44-46. doi:10.1089/can.2015.29003.ebr

Russo, EB. (2004). Clinical endocannabinoid deficiency (CECD): can this concept explain therapeutic benefits of cannabis in migraine, fibromyalgia, irritable bowel syndrome and other treatment-resistant conditions? Neuro Endocrinology Letters, 25(1-2):31-39.

Shaw Wilson, M., MS OTR/L BCP. (2018, December 19). Everything You Need to Know About CBD Oil for Autism. Retrieved March 22, 2019, from https://harkla.co/blogs/special-needs/cbd-oil-autism

Sulak, D., DO. (n.d.). NORML - Working to Reform Marijuana Laws. Retrieved March 26, 2019, from https://norml.org/library/item/introduction-to-the-endocannabinoid-system

Treating Huntington's Disease with Medical Marijuana. (2018, September 18). Retrieved March 22, 2019, from https://www.revolutionaryclinics.org/treating-huntingtons-disease-with-medical-marijuana/

Uberto Pagotto, Giovanni Marsicano, Daniela Cota, Beat Lutz, Renato Pasquali, The Emerging Role of the Endocannabinoid System in Endocrine Regulation and Energy Balance, Endocrine Reviews, Volume 27, Issue 1, 1 February 2006, Pages 73–100, https://doi.org/10.1210/er.2005-0009

Wong, C., ND, CNS. (2019, March 6). Is CBD Oil Healthy and Safe to Use to Treat Illnesses? Retrieved March 22, 2019, from https://www.verywellhealth.com/cbd-oil-benefits-uses-side-effects-4174562