

Sources

Statement from FDA Commissioner Scott Gottlieb, M.D., on signing of the Agriculture Improvement Act and the agency's regulation of products containing cannabis and cannabis-derived compounds. December 2018. <https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm628988.htm>

Buscher, A. CBD possession in the 50 States. (2018) <https://www.buscherlaw.com/state-hemp-legality>

Buscher, A. Effects of the 2018 Farm Bill. (2018). <https://www.buscherlaw.com/2018-farm-bill>

House Bill 2, 115th Congress, 2018 Farm Bill. <https://www.congress.gov/bills/115th-congress/house-bill/2/text>

Drugs.com. Epidiolex. (2018) <https://www.drugs.com/epidiolex.html>

GW Pharmaceuticals. (2018). Epidiolex Full Prescribing Information. https://www.epidiolex.com/sites/default/files/EPIDIOLEX_Full_Prescribing_Information.pdf

FDA results for “cannabidiol” Orphan Drug Designation. (2019) <https://www.accessdata.fda.gov/scripts/opdlisting/opd/listResult.cfm>

Devitt-Lee, A. (March 2019) Project CBD. <https://www.projectcbd.org/news/quick-hits/new-cannabinoid-drug-interactions>

Russo EB. Taming THC: potential cannabis synergy and phytocannabinoid-terpenoid entourage effects. *Br J Pharmacol.* 2011;163(7):1344–1364. doi:10.1111/j.1476-5381.2011.01238.x

Russo EB. The Case for the Entourage Effect and Conventional Breeding of Clinical Cannabis: No "Strain," No Gain. *Front Plant Sci.* 2019;9:1969. Published 2019 Jan 9. doi:10.3389/fpls.2018.01969 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6334252/>

Devitt-Lee, A. CBD – Drug Interactions: Role of the Cytochrome P450. (2015) Project CBD. <https://www.projectcbd.org/science/cannabis-pharmacology/cbd-drug-interactions-role-cytochrome-p450>

Federal Food, Drug, and Cosmetic Act. (Amended through 2018) <https://legcounsel.house.gov/Comps/Federal%20Food,%20Drug,%20And%20Cosmetic%20Act.pdf>

Canna-Patient Experience

Know CBD



In Partnership With:



The Collyn Turner Foundation



Cannabidiol (CBD) is one of the hottest therapies around. It is used for everything from epilepsy to psoriasis, and being hailed as a miracle supplement. Unfortunately, there is conflicting information surrounding CBD, and it is hard to tell what's true.

CBD 411

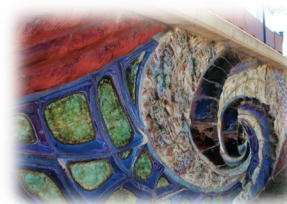
- ♦ CBD interacts with pharmaceuticals and supplements. **Double check all prescriptions to make sure you don't have to adjust your dosing.**
- ♦ **Minors are required to be enrolled in the state medical marijuana program.** This is even for THC-free.
- ♦ **CBD isn't for everyone, and that's okay.** It works great for some, but not all.

Getting Started

- ♦ Start with a low dose. CBD isn't considered intoxicating, but can be psychoactive.
- ♦ Connect with others using CBD. Avoid getting information from sales people.
- ♦ The effects of CBD vary greatly depending on terpenes, flavonoids, and the presence of other cannabinoids.

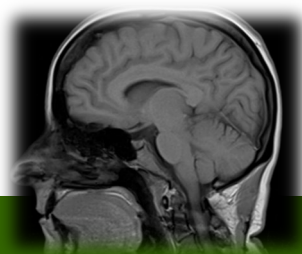
Definitions

- ♦ **Full Spectrum**—full extract containing all the cannabinoids including up to 0.3% THC.
- ♦ **Broad Spectrum**—contains all the cannabinoids except THC.
- ♦ **Isolate**—a product that contains only CBD and no other component of cannabis.



Expectations

- ♦ **CBD is not a cure.**
- ♦ **There is no specific product that treats any condition.** This requires experimentation and time to find what works.
- ♦ **The legality is still unclear, so use can affect benefits, access to care, housing, etc.** Weigh the risks versus benefits.
- ♦ **CBD is not an instant fix.** It could take a couple weeks to a couple months before you notice a difference.
- ♦ **CBD can be costly and often isn't covered by insurance.** Only Epidiolex is covered by insurance.



This information is not intended as medical advice and none of these statements have been evaluated by the FDA. Take this information back to your medical team and use it to make informed decisions.