

Video: HOW CANNABIS WORKS IN THE BODY

ENGLISH TRANSCRIPT
Logo: SpectrumTherapeutics A Canopy Growth Company
How Cannabis Works in the Body
Chief Advocacy Officer Canopy Growth
Medical Cannabis Practitioner
endocannabinoid system
CB1
CB2
THC
CBD
THC
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SUBTITLES:

ENGLISH
Hi, we're from Spectrum Therapeutics,
part of the Canopy Growth family.
I'm Hilary Black, the Chief Advocacy Officer.
I'm also the founder of Canada's first
medical cannabis organization.
And I'm Dr. Danial Schechter.
I started one of Canada's first medical
cannabis clinics.
Patients often ask me "how can cannabis be
effective
for such a wide range of symptoms?".
We're just starting to understand the
endocannabinoid system,
which is both complex and important.

It maintains our body's homeostasis, or balance.
It is involved with many physiologic functions such as inflammation, sleep, pain, digestion, immune function, neuroprotection, and so many more.
It's made up of receptors that are spread across
the body that really concentrate in a few areas.
The receptors have to be switched on, and they're done so by a type of molecule that's called a cannabinoid.
These are produced either in the body, or in the cannabis plant.
The body produces endocannabinoids and the cannabis plant produces phytocannabinoids.
So when you look at a female cannabis plant you can see the sticky crystals on the mature flowers,
and that's where the cannabinoids are concentrated.
Although more than 100 cannabinoids have been
identified as the active ingredients in cannabis,
the two we know the most about are
Tetrahydrocannabinol (THC) and Cannabidiol (CBD).
CBD is best known for reducing
inflammation, seizures, and anxiety.
CBD is not euphoric, and it may in fact reduce some of the potential side effects of THC.
And while THC is best known for its euphoric or psychoactive effects,
research actually shows that it can be used effectively
for improving a number of symptoms such as pain,

nausea, reduction of spasticity, and can even improve appetite.
Cannabis also contains terpenes,
which are responsible for that particular taste and smell that cannabis has.
Terpenes potentially combine with cannabinoids
and other constituents of the plant
to contribute to its therapeutic effects.
While we have learned about how cannabis works in the body,
there's a lot left to discover.
Around the world Spectrum is committed
to progressing our understanding through clinical research.
Thank you so much for watching.
For more information please visit our website or call customer care.