

ATTENTION!!

CBD News Release!

Marsha Rosner, Charles B. Huggins Professor in the Ben May Department of Cancer Research:
“No one in their right mind would have ever thought that it blocked viral replication, but that’s what it did.”

A new scientific study from The University of Chicago Medicine found that high-purity CBD Tinctures helps block the COVID-19 virus from replicating, as well as inhibits initial infection.

Here a few highlights from the study:

- The University of Chicago Medicine found that **high does CBD usage in patients is significantly correlated with a reduction in COVID-19 positivity** (10% COVID-19 positive test results among 93,565 patients).
- Results show that **CBD can block SARS-CoV-2 infection at early stages, and CBD administration is associated with a lower risk of SARS-CoV-2 infection in humans** by inhibiting the replication of MHV and aids in fighting viruses.
- **Only 1.2% of the patients taking CBD contracted SARS-CoV-2 whereas 12.2% of the patients not taking CBD tested positive** - which shows a reduction in SARS-CoV-2 infection risk.
- An analysis of over 93,000 patients showed that only the **5.7% of patients taking CBD versus other cannabinoids had and even lower rate of testing positive** (1.2% in 85 CBD patients versus 7.1% in 113 patients taking other cannabinoids).
- **Infected cells treated with CBD for 24 hours show a striking suppression of SARS-CoV-2-induced changes and damage.** CBD effectively eradicated viral RNA infection in the cells, and acts to prevent viral replication and cellular damage.
- Remarkably, **only CBD was a potent agent in blocking the SARS-CoV-2 infection.** Notably, **combining CBD with THC (1:1) significantly decreased the potency of CBD efficacy.**
- **CBD did not affect the ability of the virus to enter the cell.** Instead, **CBD was effective at blocking replication early in the infection cycle and six hours after the virus had already infect the cell.** Like all viruses, the COVID virus affects the host cell by hijacking its gene expression machinery to produce more copies of itself and its viral proteins. High concentrations of CBD almost completely eradicated the expression of viral RNAs.

To recap and summarize the study:

- **Real-World Data:** Patients taking CBD test positive for COVID-19 at lower rates.

An analysis of 1,212 patients from the National COVID Cohort Collaborative revealed that patients taking an oral solution of CBD tested positive for COVID-19 at significantly lower rates than patients who were not taking CBD.

- **Not your dispensary’s CBD:** Needs high purity, high concentrations of CBD - **orally injected.**

Research shows that COVID-blocking effects of CBD were confined strictly to high purity, and high concentrations of CBD. Closely related cannabinoids such as CBDA, CBDV, and THC did not have the same power. In fact, combining CBD with equal amounts of THC significantly reduced the efficacy of CBD to block the COVID-19 virus.

Please note: **CBD is safe when consumed in food or drink, but methods such as vaping can have negative side effects,** including potential damage to the heart and lungs. Such methods should not be used by those who are pregnant or have health conditions - unless under supervision of their personal care physician, and with caution.

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