

**From:** [noreply@pharmacy.ohio.gov](mailto:noreply@pharmacy.ohio.gov)  
**To:** [MedicalMarijuana@med.ohio.gov](mailto:MedicalMarijuana@med.ohio.gov)  
**Subject:** Condition Petition for David Hite  
**Date:** Wednesday, December 23, 2020 1:03:46 PM

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This message was sent from the Condition page on [medicalmarijuana.ohio.gov](http://medicalmarijuana.ohio.gov).

Name: David Hite  
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Specific Disease or Condition:  
ADHD

Information from experts who specialize in the disease or condition.

I am a LPCC-S and specialize in the treatment of ADHD. Throughout my treatment of this very misunderstood and severe mental illness I started tracking clients who had used Marijuana and their subdued response to stressors/threats, compared to other ADHD clients who did not. I started doing research and found the following potential link between PTSD and ADHD - impaired hippocampal functioning.

Relevant medical or scientific evidence pertaining to the disease or condition.

Cannabinoid Modulation of the Stressed Hippocampus -  
<https://pubmed.ncbi.nlm.nih.gov/29311804/> Synaptic Gating and ADHD: A Biological Theory of Comorbidity of ADHD and Anxiety - <https://www.nature.com/articles/1300469> Subcortical brain volume differences in participants with ADHD in children and adults... - [https://www.thelancet.com/journals/lanpsy/article/PIIS2215-0366\(17\)30049-4/fulltext](https://www.thelancet.com/journals/lanpsy/article/PIIS2215-0366(17)30049-4/fulltext) Stimulant Improves Sleep in Adults With ADHD - <https://www.medscape.org/viewart>

Consideration of whether conventional medical therapies are insufficient to treat or alleviate the disease or condition.

- ADHD per the research above is a biological condition needing medication for management  
- ADHD appears to have the same impaired hippocampal functioning being treated via Medical Marijuana that is being treated in PTSD survivors. - executive functioning has limited electrical activity whenever stimulant meds are not present how is that "ok" when it happens around family members

Evidence supporting the use of medical marijuana to treat or alleviate the disease or condition, including journal articles, peer-reviewed studies, and other types of medical or scientific documentation.

See above links if Medical Marijuana helps with treating impaired hippocampal functioning and it is present in ADHD, and impaired hippocampal functioning leads to limited ability to extinguish behaviors and responses how would ADHD not need help breaking patterns of response to family members where they will be most present? Especially when those patterns of response include emotional or physical abuse/addiction?

Letters of support provided by physicians with knowledge of the disease or condition. This may include a letter provided by the physician treating the petitioner, if applicable.

I am a LPCC-S with specialized certifications in the d/x and treatment of ADHD, as well as, up to date training in medication management of ADHD. Please contact me with any questions. I want to note here I do NOT believe treatment of ADHD with medical marijuana by itself would be a appropriate treatment of the disorder. I am recommending that it be used for ADHD clients already on stimulant medication that can not break old patterns of behavior/responses, and for help with sleep issues.