

Citizen Legislators, I write in support of SB 113, but with 1 note of concern and 1 of reinforced support. My brother returned from military tour in Afghanistan with epilepsy, a brain tumor, testicular cancer, seizures and PTSD (none of which runs in our family). In 1 year, he went from playful and fully functioning, to lying on the floor convulsing almost daily as his medical issues took control. Over the next few months we helped him as he visited the hospital almost daily, constantly increased medication as previous dosages ceased working, took more pills to reduce other pills side effects, watched as the prescriptions put him in a perpetual mental fog that took us manually waking him up for 1-2 hours every morning, and left us fighting in between the effects of the medical issues and the effects of the medicine.

We began using hemp CBD products with .3% THC for my brother. (These products became legal at a national level with the federal 2018 farm bill, but are currently prohibited in Kansas, since Kansas only allows 0% THC hemp products.) Hemp CBD products with .3% THC, according to several World Health Organization studies released in their 2017 cannabidiol report, aren't habit forming and the body doesn't create a tolerance to it like it does with many prescriptions, and is not psychoactive. According to the CDC, prescription medication caused more deaths than heroin, meth, and cocaine combined.

- 1) At the very least, it's my hope that legislation is passed allowing CBD products with the federally legal .3% THC level. CBD products with only CBD and no THC is beneficial with many issues such as blood pressure, hormone balancing, arthritis, inflammation, diabetes, and gastrointestinal issues. However, it's ineffective for about 40-50% of issues that cannabis can help with like anxiety, migraines, sleep issues, neurological issues, tumor growth, epilepsy and some motor skill issues. The .3% of THC is necessary to help open the endocannabinoid system CB receptors to enable the CBD to pass various cell barriers and be effective. When CBD only was used it wasn't effective because it required the other compounds in the plant to work, but an increase in the THC cannabinoid past concentrations of 1-2% made no noticeable effect other than decreased mental function. Here's an imperfect example. It's kind of like without gas a car won't start, but putting more gas past what the gas tank holds into the interior of the car doesn't improve the driving experience. If we allowed CBD with .3% THC which is legal in all but 4 states, and is now legal at a national level with the 2018 Farm Bill, we could help most of the issues without causing concerns about people misusing the product. The average adult male would need to consume almost 2 weeks worth of Full Spectrum hemp CBD with .3% THC to even feel any psychoactive effect. The marijuana bill that has been proposed is very well thought out, but I'm afraid we're possibly shooting for something that can't be passed and in the meantime miss something that could receive almost unanimous support and is legal at a national level. I'm also afraid if it doesn't have provisions for .3% THC hemp products it will force some people to choose between an ineffective CBD solution and a psychoactive marijuana option. It would be wonderful if this bill or another bill allowed for the use of .3% THC hemp products.

- 2) Please please keep the provisions in this bill that support local control, and keep pharmaceuticals and corporations from restricting or trying to artificially control the market. In California, marijuana corporations with dispensaries have started to lose revenue and market share due to CBD products, possibly because users can achieve close to the same results by using CBD products with .3% THC but still retain mental acuity and cognitive alertness. Marijuana corporations have pushed for legislation forcing consumers to only be able to access CBD products in marijuana dispensaries, under the guise of making it “safer” for consumers. In Missouri, pharmaceuticals that opposed the medical marijuana bill, now have approached law makers about making CBD “safer” and making it where if you transport CBD or marijuana you have to have a \$100,000 transportation license to make it safer. Keep in mind these are the same companies that manufacture prescriptions that if you consume the entire contents of the bottle you don’t wake up in the morning. Please keep marijuana corporations and pharma companies from artificially controlling the market by influencing this bill.

Where it hits home is this isn't just a bill, it's something that has the ability to be a much needed life raft to people who are alive right now, like my brother. Sunday night I had a bible study in Kansas City that I attend. One of my friends who attends is on prescription medication, and the meds make him foggy, causing him to forget that he already took the medication. I was supposed to spend time with him Sunday night, but Saturday we received a call that he had overdosed by accident. I can't say for sure if the .3% THC hemp products would have helped him since he never got to use it, but I know his story is similar to many others, and many others have used hemp products to manage what he took meds for.

Thank you for your time,  
Respectfully your fellow Kansan  
Nathan Madden