

Austin Compounding Pharmacy

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KETAMINE NOSE SPRAY FOR DEPRESSION AND PAIN MANAGEMENT

Austin Compounding Pharmacy is the leading formulation specialist for ketamine nose spray, being used for both pain and as an alternative therapy for depression. This dosage method may provide quick relief for difficult to treat depression.

Specifically, regarding ketamine for use as an anti-depressant and for effects of ketamine in the brain is to block the NMDA [N-methyl-d-aspartate] glutamate receptor resulting in a fast response time. We can provide the ketamine nose spray in any strength, but keep in mind the *drugs solubility is limited at 200mg/ml (our most common concentration). It is important to keep this strength at room temperature, to prevent the drug from precipitating out of solution.*

Consider placing on top of the refrigerator as a warm spot.

WHAT TO DO IF THE PUMP CLOGS:

Pumps clog if they get to cold, the crystal precipitates out and clog the pump head. Here's what you can do:

1. Warm up 4 ounces of water in the microwave. And immerse the entire bottle in the water for 5 minutes or longer. Try the pump, works for most clogs.
2. Remove the pump head and set the bottle in a safe place. Place the suction tube in the hot water and pump 10-20 times until the pump is working properly. Remove from the hot water and pump till dry (2-3 pumps). Replace pump on bottle.
3. If all else fails, bring to the pharmacy to exchange for a replacement.

We use preserved water in our formulation, so the risk of bacterial contamination is minimal. *Each pump of the spray bottle is 0.1ml, so each pump will deliver 20mg of ketamine.* If you are traveling to cold climates consider getting a weaker concentration. Talk to your doctor to discuss the dosing.

While many antidepressants are associated with numerous side effects, ketamine seems to have a very safe profile with few side effects. Also the 2 to 3 times a week schedule provides a convenient, discreet dosage easy to follow. Important in depression.

Recently [National Public Radio \(NPR\)](#) did a story regarding ketamine for depression. Our experience with this therapy aligns with their story. Ketamine can be a very useful alternative and we invite you to give us a call to review information at 512-327-7455.

A prescription from a licensed provider is required for this treatment option.

CBD oil may also provide benefits for pain management and depression