



Service of the Month! Ketamine Nasal Sprays

Ketamine is frequently used for providing relief from depression. In particular, it has found success against **treatment-resistant depression**.

Ketamine works differently compared to SSRIs (normally prescribed for depression)

Differences include:



Ketamine

Works almost immediately

Patients can see results within 1 hour

Great for patients who seek immediate relief

Anti-depression effects continue even after ketamine regimen is completed



SSRIs

Can take 4-6 weeks for results

50% of patients don't find success with their first try

Not ideal for patients in need of immediate relief

Some patients may have to take SSRIs indefinitely

[Learn More](#)

Why is Compounding Essential?

Compounded medications allow for customized, flexible, and precise dosing and are necessary when an FDA-approved medication is not available or appropriate, or when it would be helpful to modify the commercially available strength or route of administration.

Compounded medications are essential when a customized dose or an allergy-causing ingredient is in a manufactured drug. The increasing need for

compounded medicines is related to numerous factors, such as:

- limited commercially available doses and dosage forms
- drug shortages or discontinued commercial medicines.

Drug shortages are increasing, and access to important medications may result. As of November 2022, the FDA lists 206 discontinued medications, many of which can be substituted with a compounded medicine.

When medications become temporarily unavailable or are discontinued, our pharmacy can use



the highest available grade of ingredients to formulate needed medications in the optimal strength and dosage form. Our compounding laboratory contains equipment that is not found in most pharmacies. We consider the physical and chemical properties of all ingredients in order to prepare customized medications with the proper consistency, stability, texture, color, and taste.

Compounds are essential for people who cannot swallow tablets and capsules and would benefit from medications in a liquid or topical dosage form that is not commercially available.

- Children can be sensitive to the taste and smell of medications and parents and caregivers often struggle to give medication to children. Specialized dosage forms such as lollipops or gummies or the use of kid-friendly flavors can help increase compliance.
- Geriatric health problems are chronic rather than acute, so medications are often taken for life. To simplify medication schedules and improve compliance, compounding professionals can combine multiple compatible medications into a single dosage form.
- Medications can also be prepared for those on special diets such as gluten-free, sugar-free, casein-free, vegetarian, vegan, or Kosher diets.

Examples of customized dosage forms:

Transdermal and topical formulations may offer significant advantages to oral dosage forms. When a patient has difficulty swallowing, we can often formulate the needed drug as a transdermal gel or cream. Transdermal administration is an option used for patients who are nauseated or have a chronic illness and is often preferred by pets and their owners, as well

Lip balms, nasal or sublingual sprays, non-aerosol topical sprays, creams, gels, and ointments can be used to apply the medication directly to the affected site.

Troches, lozenges, freezer pops, and lollipops can be flavored and compounded to contain numerous medications and can be dispensed in child-resistant containers. These are ideal dosage forms for children or patients who have difficulty swallowing, or when a medication (such as an anti-fungal drug) needs to be held in contact with the oral mucosa.

Suppositories remain a popular dosage form. Unique designs such as the “rectal rocket” facilitate simultaneous internal and external administration of medications to treat hemorrhoids and other conditions.

If a needed medication is no longer commercially available due to shortages or was discontinued for non-safety reasons, contact our compounding pharmacy. We welcome the opportunity to work with you and your doctor to create a customized solution.

References:

[https://www.uspharmacist.com/article/pros-and-cons-of-pharmacy-compounding Pharmaceuticals \(Basel\). 2022 Aug 31;15\(9\):1091. doi: 10.3390/ph15091091.](https://www.uspharmacist.com/article/pros-and-cons-of-pharmacy-compounding-Pharmaceuticals%20(Basel).%202022%20Aug%2031;15(9):1091.%20doi:10.3390/ph15091091)
<https://blog.cureatr.com/medication-adherence-vs-compliance-4-ways-they-differ>

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Visit our website for the latest information about COVID-19 Testing and Vaccinations at ClearSpring Pharmacy.

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5 Reasons to Choose Community Pharmacies

Choosing a pharmacy may not feel like a big deal, but should it be? **The differences are clear!**

Learn about how much more community pharmacies like ClearSpring Pharmacy provide when compared to big chains.

Check It Out Here

Download our App

ClearSpring mobileRx app allows you to refill prescriptions on your mobile device at your convenience. You can refill multiple prescriptions on a mobile device by entering your prescription numbers, scanning the barcode on the prescription bottles, or using your Patient Profile.

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Two-Way Text Communication

At ClearSpring Pharmacy, we now offer two-way text communication where we can communicate conveniently about your prescription, refill status, insurance, etc. Ask your pharmacist for details.



Littleton

8031 Southpark Circle, Suite B
Littleton, CO 80120
303.707.1500 (phone)
303.707.1717 (fax)

Shop our Littleton
Location



Cherry Creek

201 University Blvd. #105
Denver, CO 80206
303.333.2010 (phone)
303.333.2208 (fax)

Shop our Cherry
Creek Location



ClearSpring Pharmacy's Littleton location is a PCAB® Accredited Compounding Pharmacy. [Learn more about PCAB® Accreditation.](#)

We care about our patients and want to provide you with quality information about your health. If you ever have questions or would like more information, please feel free to ask. We look forward to caring for you and your family.