

TOPICAL LDN IN DRY EYE DISEASE AND OTHER EYE DISORDERS



Compounded Naltrexone eye drops are being explored as a **potential treatment for dry eye disease and other ocular disorders.**

What is it?

Naltrexone—an opioid antagonist—has been long approved as a tablet in high doses for addiction treatment. However, the drug behaves much differently when given in fractions of those doses. **Low Dose Naltrexone (LDN)** is showing **promising research in conditions involving inflammation, pain and wound healing - including those in the eyes.**

Corneal Mechanism of Action:

When applied to the eye in ultra-low doses, naltrexone influences **two corneal healing pathways:**

- **Toll-Like Receptors (TLRs):** downregulates immune and nociceptive signaling, reducing inflammation and pain responses.
- **Opioid Growth Factor Receptor (OGFr):** enhances and organizes tissue repair and regeneration.

Potential Clinical Applications:

- DED
- NCP
- Diabetic Keratopathy
- Post-Surgical Inflammation
- Uveitis

Is it a standard treatment?

Naltrexone ophthalmic formulations are showing **promising research in numerous clinical applications.** However they are **not FDA-approved and are only available from a compounding pharmacy.**

Massey  **Drugs**
We Compound Solutions



Preservative Free

PF formulation to reduce the risk of irritation and toxicity associated with chronic BAK use.

Prescribe Naltrexone HCl 0.002% Preservative-Free Ophthalmic Solution

Drug/Strength/Form:

Naltrexone HCl 0.002% Preservative-Free Ophthalmic Solution

Price:

\$60 + Shipping

Qty:

7mL

Sig:

Place one drop in the affected eye(s) 2 to 4 times daily.

- 1 Login to our Practitioner Portal at [masseydrugs.com](https://www.masseydrugs.com) and download Rx form or call us at **833.540.3500**.
- 2 Complete Rx form and **FAX to: 800.637.2601**.
- 3 We'll contact the patient to **confirm address**.
- 4 Medication **ships** to patient in **24-48 hours**.

*Compounded medications are available by prescription only.
The FDA does not evaluate compounded medications for safety or efficacy.*

Questions?

Contact your **Massey Drugs Medical Liaison** or call **833.540.3500** to speak with a pharmacist.



Massey Drugs



NABP

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Compounding Pharmacy

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