

TOPICAL LOSARTAN IN CORNEAL SCARRING AND OTHER EYE DISEASES



Compounded losartan eye drops are being explored as **a potential treatment for corneal scarring - particularly after injuries, infections, or surgeries.**

What is it?

Losartan is an Angiotensin II Receptor Blocker (ARB) commonly prescribed as a tablet to treat hypertension and nephropathy. When taken orally, insignificant drug amounts reach the cornea. However, eye drop formulations are being studied in fibrosis management.

Corneal Mechanism of Action:

When administered ophthalmically, losartan **inhibits myofibroblast activity** (cells responsible for disorganized collagen) **via TGF- β signaling interference.**

Clinical Applications:

Topical losartan is being studied for its **potential to prevent or reverse corneal scarring** caused by:

- **Traumatic injuries**
- **Microbial infections**
- **Post-surgical complications**
- **Persistent corneal epithelial defects**
- **Thermal/chemical burns**

Is it a standard treatment?

While losartan is a well established hypertension medication, **ophthalmic formulations are showing promising research 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 Losartan Potassium 0.08% Ophthalmic Solution

Drug/Strength/Form:

Losartan Potassium 0.8mg/mL PF
Ophthalmic Solution

Price:

\$65 + Shipping

Qty:

7mL

Sig:

Place one drop in affected eye(s)
4 to 6 times daily.

- 1 Login to our Practitioner Portal at **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 **FREE** 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 a Massey Drugs pharmacist at
833.540.3500.



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