

Estradiol Nasal Spray for Patulous Eustachian Tube (PET)

Topical estrogen therapy has long been utilized to help reduce Eustachian tube patency by promoting localized tissue engorgement and mucosal thickening around the tubal orifice.

**Estradiol 0.5mg/(0.1mL)
Nasal Spray in MucoLox™
Qty: 10mL**

Sig: Tilt head to side and aim 2 sprays in nostril toward affected Eustachian tube(s) twice daily. Lie down for 10 minutes afterward.

Price: \$85

FREE Ground Shipping in 24-48 hours

Mechanism of Action

Estrogen delivered to the Eustachian tube by a nasal spray is believed to:

- Initiate tissue swelling from jet force
- Increase local mucosal thickness and vascular engorgement
- Reduce Eustachian tube resting patency

This localized effect is precisely what makes intranasal estrogen therapy attractive for PET management.

Advantages of Compounded Estradiol Nasal Spray

- Single, well-characterized active ingredient
- Non-animal-derived source, avoiding ethical concerns associated with equine estrogens
- Customizable formulation
- Mucoadhesive vehicle (MucoLox™) increases contact time
- Targeted local delivery

Clinical Considerations

- Dosing frequency may be individualized based on patient response
- Counsel patients regarding possible local irritation
- Systemic absorption must be considered and patients should be monitored for hormone associated symptoms
- Please document "PET" diagnosis on the prescription

Other Applications

Estradiol nasal solution may also be prescribed for **Hereditary Hemorrhagic Telangiectasia (HHT)**. For HHT patients, the medication is dispensed in a **dropper** formulation rather than a spray due to epistaxis concerns. Please document "HHT" diagnosis and specify "nasal drops" on the prescription.

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masseydrugs.com • Licensed states: AL, MS, LA, GA, FL, SC, NC, TX, TN, KY, IN, IL, OH, PA, NY, CT
The FDA does not review compounded medications for safety or efficacy.



How to Prescribe



FAX

800.637.2601



Phone

833.540.3500



e-Scribe:

NPI#:

1295756245

NCPCP#: 0127553

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