

# Innovative Nasal Treatments from Koshland Pharm

## Introducing “LoxaSperse”

*Powder Excipient Base for Use in Nebulization  
or Irrigation Compounds*

LoxaSperse is an innovative powder excipient base created for compounding with active ingredients used for **nasal nebulization** or **irrigations**.

LoxaSperse is an exclusive mixture of specially micronized xylitol with an optimized ratio of micronized poloxomers, designed to improve dispersability and solubility of actives.

The **antimicrobial properties** of xylitol combined with the bio-adhesive characteristics of poloxomer **facilitate collagen synthesis** and **microcirculation**.

## Advantages of LoxaSperse

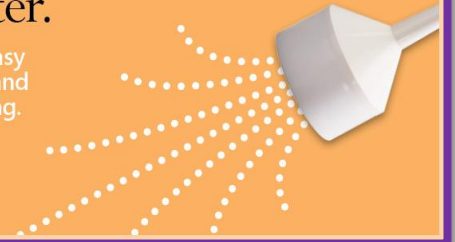
As a dry powder, LoxaSperse has a **longer beyond use date** than aqueous solutions for irrigation, and completely **eliminates the need for cold storage**. Patients simply dissolve the drug with normal sterile saline solution.

## Use

Drugs used for nebulization or irrigations may be dispensed in capsules that can be opened and mixed with saline at time of use. This drug/saline combination will often be utilized with various types of nebulization/irrigation devices such as the NasoNeb or a squeeze bottle (i.e. NeilMed).

Just add water.

LoxaSperse™ makes easy work of nebulization and irrigation compounding.



## Types of Actives

- Antibacterials
- Antihistamines
- Corticosteroids
- Low-dose theophylline
- Antifungals
- Mucolytics
- Antihistamines
- Montelukasts

## Active Drug Ingredients Can Include...

- Gentamicin
- Amphotericin B
- Budesonide
- Itraconazole
- Mupirocin
- Vancomycin
- Betamethasone/  
Tobramycin
- Levofloxacin

## Sample Formulations

- Gentamicin 80mg capsules
- Budesonide 0.6mg capsules
- Mupirocin 5mg capsules



**Koshland Pharm**  
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