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2. Dexamethasone/neomycin/polymyxin b

# Dexamethasone, neomycin, and polymyxin B (ophthalmic)

**Generic name:** dexamethasone, neomycin, and polymyxin B (ophthalmic) [ *DEX-a-METH-a-sonē, NEE-oh-MYE-sin, and-POL-ee-MIX-in-B, off-THAL-mik* ]

**Brand names:** [Maxitrol](#), [Poly-Dex](#), Ocu-Trol ophthalmic, Dexacidin, Dexasporin, ... [show all 9 brands](#)

**Dosage forms:** ophthalmic ointment (1 mg-3.5 mg-10000 units/g), ophthalmic suspension (1 mg-3.5 mg-10000 units/mL)

**Drug class:** [Ophthalmic steroids with anti-infectives](#)



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## What is dexamethasone, neomycin, and polymyxin B ophthalmic?

[Dexamethasone](#), [neomycin](#), and [polymyxin B](#) ophthalmic (for the eyes) is a combination [antibiotic](#) and steroid medicine that is used to treat eye inflammation caused by [uveitis](#), eye injury, radiation, chemical burns, or certain other conditions.

dexamethasone, neomycin, and polymyxin B is used when there is a risk of [bacterial infection](#) in or around the eye.

Dexamethasone, neomycin, and polymyxin B ophthalmic may also be used for purposes not listed in this medication guide.

## Side Effects

Get emergency medical help if you have **signs of an allergic reaction**: hives; difficult breathing; swelling of your face, lips, tongue, or throat.

**Dexamethasone, neomycin, and polymyxin B may cause serious side effects. Call your doctor at once if you have:**

- blurred vision, tunnel vision, eye pain, or seeing halos around lights;
- swelling, redness, severe discomfort, crusting or drainage (may be signs of [infection](#));
- pain behind your eyes, sudden vision changes; or
- a wound that will not heal.

**Common side effects of dexamethasone, neomycin, and polymyxin B may include:**

- blurred vision; or
- mild eye irritation.

This is not a complete list of side effects and others may occur. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

 [Dexamethasone / neomycin / polymyxin b ophthalmic side effects](#) (more detail)

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## Warnings

You should not use this medicine if you have a fungal or [viral infection](#) in your eyes (including [herpes simplex](#)).

## Before taking this medicine

You should not use this medicine if you are allergic to dexamethasone, neomycin, or polymyxin B, or if you have a fungal or viral infection in your eyes (including herpes simplex).

Tell your doctor if you have ever had:

- [glaucoma](#);
- cataracts, or if you need [cataract surgery](#); or
- an allergic reaction to a medicine like neomycin (such as [kanamycin](#), [paromomycin](#), [streptomycin](#), or [gentamicin](#)).

It is not known whether this medicine will harm an unborn baby. Tell your doctor if you are pregnant.

It may not be safe to breast-feed while using this medicine. Ask your doctor about any risk.

Do not give this medicine to a child without medical advice.

## How should I use dexamethasone, neomycin, and polymyxin B?

Follow all directions on your prescription label and read all medication guides or instruction sheets. Use the medicine exactly as directed.

Wash your hands before using eye medication.

**To apply the eye drops:** Tilt your head back slightly and pull down your lower eyelid to create a small pocket. Hold the dropper above the eye and squeeze a drop into this pocket. Close your eyes for 1 or 2 minutes.

Use only the number of drops your doctor has prescribed.

**To apply the ointment:** Tilt your head back slightly and pull down your lower eyelid to create a small pocket. Squeeze a ribbon of ointment from the tube into this pocket. Blink your eye gently and then keep it closed for 1 or 2 minutes. Wipe excess ointment from your eyelashes using a clean tissue.

Do not touch the tip of the eye dropper or ointment tube, or place it directly on your eye. A contaminated tip can infect your eye, which could lead to serious vision problems.

**Call your doctor if your symptoms do not improve after 2 days of treatment.**

If you use this medicine for longer than 10 days, you may need frequent vision tests to check the pressure inside your eyes.

Store this medicine at room temperature. Do not freeze. Keep the tube tightly closed when not in use. Store the eye drops in an upright position.

 [Detailed Dexamethasone / neomycin / polymyxin b ophthalmic dosage information](#)

## What happens if I miss a dose?

Use the medicine as soon as you can, but skip the missed dose if it is almost time for your next dose. **Do not** use two doses at one time.

## What happens if I overdose?

An overdose of dexamethasone, neomycin, and polymyxin B ophthalmic is not expected to be dangerous. Seek emergency medical attention or call the Poison Help line at 1-800-222-1222 if anyone has accidentally swallowed the medication.

## What should I avoid while using dexamethasone, neomycin, and polymyxin B?

**Do not share this medicine with another person**, even if they have the same symptoms you have.

This medicine may cause blurred vision and may impair your reactions. Avoid driving or hazardous activity until you know how this medicine will affect you.

## What other drugs will affect dexamethasone, neomycin, and polymyxin B?

Medicine used in the eyes is not likely to be affected by other drugs you use. But many drugs can interact with each other. Tell each of your healthcare providers about all medicines you use, including prescription and over-the-counter medicines, [vitamins](#), and [herbal products](#).

**i** [Dexamethasone / neomycin / polymyxin b ophthalmic drug interactions](#) (more detail)

## Does dexamethasone/neomycin/polymyxin b ophthalmic interact with my other drugs?

Enter medications to view a detailed interaction report using our [Drug Interaction Checker](#).

dexamethasone/neomycin/polymyxin b ophthalmic

+

Enter a drug name

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## More about dexamethasone / neomycin / polymyxin b ophthalmic

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## Patient resources

- [Neomycin, polymyxin b, and dexamethasone advanced reading](#)
- [Neomycin, Polymyxin B, and Dexamethasone Eye Drops](#)
- [Neomycin, Polymyxin B, and Dexamethasone Eye Ointment](#)

## Other brands

[Maxitrol](#), [Ocu-Trol](#), [Poly-Dex](#)

## Professional resources

- [Neomycin, Polymyxin B, Dexamethasone prescribing information](#)
- [Neomycin, Polymyxin B, Dexamethasone Ointment \(FDA\)](#)

## Other brands

[Maxitrol](#), [Neo-Poly-Dex](#)

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## Further information

Remember, keep this and all other medicines out of the reach of children, never share your medicines with others, and use this medication only for the indication prescribed.

Always consult your healthcare provider to ensure the information displayed on this page applies to your personal circumstances.

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DRUG STATUS

<b>Availability</b>		
Rx	Prescription only	
<b>Pregnancy &amp; Lactation</b>		
	Risk data available	
<b>CSA Schedule*</b>		
N/A	Not a controlled drug	▼
<b>Approval History</b>		
	Drug history at FDA	▼
<b>WADA Class</b>		
	Anti-Doping Classification	▼

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7.1 / 10

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