



[Home](#)

2. [Neo-Synephrine Nasal](#)

Neo-Synephrine Nasal

Generic name: [phenylephrine nasal](#) [*FEN-il-EFF-rin*]

Brand names: 4-Way, [Little Noses Decongestant](#), [Nasal Four](#), [Neo-Synephrine Extra Strength Nasal](#), [Neo-Synephrine Mild Nasal](#), ... [show all 9 brands](#)

Drug class: [Nasal antihistamines and decongestants](#)



[Medically reviewed](#) by Drugs.com on Oct 1, 2024. Written by [Cerner Multum](#).

[Uses](#) [Side effects](#) [Warnings](#) [Before taking](#) [Dosage](#) [Interactions](#)

What is Neo-Synephrine Nasal?

[Phenylephrine](#) is a decongestant that shrinks blood vessels in the nasal passages. Dilated blood vessels can cause [nasal congestion](#) (stuffy nose).

Neo-Synephrine Nasal is used to treat nasal congestion and sinus pressure caused by allergies, the [common cold](#), or the flu. Phenylephrine may be used to treat congestion of the tubes that drain fluid from your inner ears, called the eustachian (yoo-STAY-shun) tubes.

Neo-Synephrine Nasal may also be used for purposes not listed in this medication guide.

Neo-Synephrine Nasal side effects

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

Neo-Synephrine Nasal may cause serious side effects. Stop using Neo-Synephrine Nasal and call your doctor at once if you have:

- severe sneezing, runny or stuffy nose, redness or swelling in your nose, or other worsening nasal symptoms (may be a sign of overuse of Neo-Synephrine Nasal);
- severe stinging, burning, or irritation inside your nose;
- severe dizziness, restless feeling, nervousness, or insomnia;
- mood changes, unusual thoughts or behavior;
- tremors or shaking; or
- little or no urination.

Side effects may be more likely in older adults.

Common side effects of Neo-Synephrine Nasal may include:

- temporary sneezing;
- mild burning, dryness, cold feeling, or irritation inside your nose;
- headache, dizziness, weakness;
- feeling excited or restless (especially in children); or
- mild sleep problems.

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.

 [Neo-Synephrine Nasal side effects](#) (more detail)

Related/similar drugs

Sudafed Congestion

Sudafed is a decongestant and is used to treat nasal and sinus congestion. Learn about side ...

Reviews & ratings

6.9 / 10

[16 Reviews](#)

[View more](#)

FEATURED

Repatha

Repatha (evolocumab) is a PCSK9 inhibitor used to lower high cholesterol alongside dietary changes ...

Reviews & ratings

5.3 / 10

[685 Reviews](#)

[View more](#)

Pseudoephedrine

Pseudoephedrine is used to treat nasal and sinus congestion, or congestion of the tubes that drain ...

Reviews & ratings

6.6 / 10

[94 Reviews](#)

[View more](#)

Warnings

Do not use Neo-Synephrine Nasal if you have used an MAO inhibitor in the past 14 days, such as [isocarboxazid](#), linezolid, [methylene blue](#) injection, [phenelzine](#), [rasagiline](#), [selegiline](#), or [tranylcypromine](#).

Before taking this medicine

You should not use Neo-Synephrine Nasal if you are allergic to it.

Do not use Neo-Synephrine Nasal if you have used an MAO inhibitor in the past 14 days. A dangerous [drug interaction](#) could occur. MAO inhibitors include isocarboxazid, linezolid, methylene blue injection, phenelzine, rasagiline, selegiline, tranylcypromine, and others.

Ask a doctor or pharmacist if it is safe for you to use this medicine if you have other medical conditions, especially:

- [heart disease](#), heart rhythm disorder;
- [high blood pressure](#);
- diabetes;
- glaucoma;
- a thyroid disorder; or
- an [enlarged prostate](#) or urination problems.

It is not known whether Neo-Synephrine Nasal will harm an unborn baby. **Do not use this medicine without a doctor's advice if you are pregnant.**

It is not known whether phenylephrine nasal passes into breast milk or if it could harm a nursing baby. **Do not use this medicine without a doctor's advice if you are breast-feeding a baby.**

How should I use Neo-Synephrine Nasal?

Use exactly as directed on the label, or as prescribed by your doctor. Do not use in larger or smaller amounts or for longer than recommended. Cold medicine should be used only for a short time until your symptoms clear up.

Do not give Neo-Synephrine Nasal to a child younger than 4 years old. **Always ask a doctor before giving a cough or cold medicine to a child.** Death can occur from the misuse of cough and cold medicines in very young children.

Neo-Synephrine Nasal is usually used every 4 hours. Follow the directions on the medicine label. **Never use more of this medicine than directed on the label or prescribed by your doctor.** Using this medicine too long can damage the lining of your nasal passages and lead to chronic nasal congestion.

To use the **nasal spray**:

- Blow your nose gently. Keep your head upright and insert the tip of the bottle into one nostril. Press your other nostril closed with your finger. Breathe in quickly and gently spray the medicine into your nose. Then use the spray in your other nostril.
- Do not blow your nose for at least a few minutes after using the nasal spray.
- If the spray gets in your eyes or mouth or on your skin, rinse with water.
- If the nasal spray has not been used for longer than 24 hours, prime it by spraying 1 or 2 times into a tissue.

After each use, clean the tip of the spray bottle with a clean tissue or rinse it with hot water, making sure that no water gets into the medicine bottle. Keep the cap on the bottle when not in use.

To use the **nasal drops**, lie on your back with your head tilted back. Insert the correct number of drops and remain lying in this position for several minutes. Gently turn your head from side to side.

To prevent the spread of infection, do not share Neo-Synephrine Nasal with anyone else.

Call your doctor if your symptoms do not improve after 3 days of treatment, or if you have a fever with a headache, cough, or skin rash.

If you need surgery, tell the surgeon ahead of time that you are using Neo-Synephrine Nasal. You may need to stop using the medicine for a short time.

Store at room temperature away from moisture and heat.

i [Detailed Neo-Synephrine Nasal dosage information](#)

What happens if I miss a dose?

Since Neo-Synephrine Nasal is used when needed, you may not be on a dosing schedule. If you are on a schedule, use the missed dose as soon as you remember. Skip the missed dose if it is almost time for your next scheduled dose. **Do not** use extra medicine to make up the missed dose.

What happens if I overdose?

Seek emergency medical attention or call the Poison Help line at 1-800-222-1222.

Overdose symptoms may include severe dizziness or [drowsiness](#), [slow heart rate](#), and fainting.

What should I avoid while using Neo-Synephrine Nasal?

Avoid getting Neo-Synephrine Nasal in your eyes.

Ask a doctor or pharmacist before using any other cold, cough, or allergy medicine. Many combination medicines contain [pseudoephedrine](#). Taking certain products together can cause you to get too much of this medicine.

What other drugs will affect Neo-Synephrine Nasal?

Ask a doctor or pharmacist before using this medicine if you are also using any other drugs, including prescription and over-the-counter medicines, vitamins, and [herbal products](#). **Some medicines can cause unwanted or dangerous effects when used together.** Not all possible interactions are listed in this medication guide.

Ask a doctor or pharmacist if it is safe for you to use Neo-Synephrine Nasal if you are also using any of the following drugs:

- other [decongestants](#);
- an antidepressant;
- blood pressure medication; or
- diabetes medication.

This list is not complete. Other drugs may interact with phenylephrine nasal, including prescription and over-the-counter medicines, vitamins, and herbal products. Not all possible interactions are listed in this medication guide.

i [Neo-Synephrine Nasal drug interactions](#) (more detail)

Does Neo-Synephrine Nasal interact with my other drugs?

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

Neo-Synephrine Nasal

+

Enter a drug name

Add

More about Neo-Synephrine Nasal (phenylephrine nasal)

- [Check interactions](#)
- [Compare alternatives](#)
- [Pricing & coupons](#)
- [Reviews \(1\)](#)
- [Side effects](#)
- [Dosage information](#)
- [Drug class: nasal antihistamines and decongestants](#)
- [Breastfeeding](#)
- [En español](#)

Patient resources

- [Neo-Synephrine \(Phenylephrine Nasal\) advanced reading](#)

Other brands

[Vicks Sinex Nasal Spray \(old formulation\)](#), [Afrin 4 Hour Extra Moisturizing](#), [Nasal Four](#), [4 Way Fast Acting Nasal Spray](#), ... +2 more

Other formulations

- [Neo-Synephrine](#)
- [Neo-Synephrine Extra Strength Nasal](#)
- [Neo-Synephrine Mild Nasal](#)

Related treatment guides

- [Nasal Congestion](#)

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.

[Medical Disclaimer](#)

Copyright 1996-2025 Cerner Multum, Inc. Version: 8.02.

DRUG STATUS

Availability

OTC Over the counter

CSA Schedule*

N/A Not a controlled drug



User Reviews & Ratings

[Review this drug](#)

Drugs.com Mobile App

Access drug & treatment information, identify pills, check interactions and set up personal medication records.



About

[About Drugs.com](#)

[Advertising policy](#)

[Attribution & citations](#)

Terms & privacy

[Terms of use](#)

[Editorial policy](#)

[Privacy policy](#)

Support

[Help center](#)

[Sitemap](#)

[Contact us](#)



[Subscribe to our newsletter](#) for the latest medication news, new drug approvals and FDA alerts.

Drugs.com provides accurate and independent information on more than 24,000 prescription drugs, over-the-counter medicines and natural products. This material is provided for educational purposes only and is not intended for medical advice, diagnosis or treatment.

Data sources include Micromedex (updated 7 Apr 2025), Cerner Multum™ (updated 13 Apr 2025), ASHP (updated 10 Apr 2025) and

others.



Ad Choices
ADVERTISEMENT



Copyright © 2000-2025 Drugs.com. All rights reserved.