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# Tobramycin (injection) ⊲

**Generic name:** tobramycin (injection) [ *toe-bra-MYE-sin* ] **Brand name:** Tobramycin Sulfate ADD-Vantage injection

Dosage forms: injectable powder for injection (1.2 g), injectable solution (10 mg/mL; 40 mg/mL)

Drug classes: Aminoglycosides, Inhaled anti-infectives



Medically reviewed by Drugs.com on Aug 2, 2023. Written by Cerner Multum.

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## What is tobramycin injection?

Tobramycin is an aminoglycoside (ah-meen-oh-GLY-ko-side) antibiotic. Tobramycin fights infections that are caused by bacteria.

Tobramycin injection is used to treat bacterial infections of the skin, heart, stomach, brain and spinal cord, lungs, and urinary tract (bladder and kidneys). It is also used in the treatment of cystic fibrosis. Tobramycin injection is sometimes used together with other antibiotics.

Tobramycin may also be used for purposes not listed in this medication guide.

## Tobramycin injection side effects

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

**Tobramycin can damage nerves and may cause hearing loss that may be permanent.** Tell your doctor right away if you have:

- numbness, tingling, muscle stiffness or uncontrolled twitching;
- dizziness, spinning sensation, seizure (convulsions); or
- hearing loss, or a ringing or roaring sound in your ears (even after you have stopped using tobramycin injection).

#### Tobramycin may cause serious side effects. Call your doctor at once if you have:

- swelling, rapid weight gain, little or no urinating;
- · confusion, loss of appetite, vomiting, pain in your side or lower back;
- · fever; or

• severe skin reaction -- fever, sore throat, swelling in your face or tongue, burning in your eyes, skin pain, followed by a red or purple skin rash that spreads (especially in the face or upper body) and causes blistering and peeling.

### Common side effects of tobramycin may include:

- · headache:
- lack of energy;
- mild rash or itching;
- nausea, vomiting, diarrhea; or
- · pain where the medicine was injected.

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.

1 Tobramycin side effects (more detail)

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## **Warnings**

Tobramycin can damage nerves and may cause hearing loss that may be permanent.

Call your doctor right away if you have numbness, tingling, muscle twitching, dizziness, spinning sensation, seizure (convulsions), hearing loss, or a ringing or roaring sound in your ears (even after you have stopped using tobramycin injection).

**Tobramycin can also harm your kidneys**, and this effect is increased when you also use certain other medicines harmful to the kidneys. **Tell your doctor about all other medications you use**, especially injected antibiotics.

## Before taking this medicine

You should not use this medication if you are allergic to tobramycin or similar antibiotics (amikacin, gentamicin, kanamycin, neomycin, paromomycin, streptomycin).

To make sure tobramycin injection is safe for you, tell your doctor if you have:

- · kidney disease;
- a muscle disorder such as myasthenia gravis;
- · Parkinson's disease;
- asthma; or
- a metabolic disorder such as high or low levels of potassium, calcium, or magnesium in your blood.

FDA pregnancy category D. **Do not use tobramycin if you are pregnant.** It could harm the unborn baby. Use effective birth control, and tell your doctor if you become pregnant during treatment.

Tobramycin can pass into breast milk and may harm a nursing baby. Tell your doctor if you are breast-feeding a baby.

Serious side effects may be more likely in older adults.

## How should I use tobramycin injection?

Follow all directions on your prescription label. Do not use tobramycin in larger or smaller amounts or for longer than recommended.

Tobramycin is injected into a muscle, or into a vein through an IV. You may be shown how to use injections at home. Do not self-inject this medicine if you do not understand how to give the injection and properly dispose of used needles, IV tubing, and other items used to inject the medicine.

Use a disposable needle only once, then throw away in a puncture-proof container (ask your pharmacist where you can get one and how to dispose of it). Keep this container out of the reach of children and pets.

Drink 6 to 8 full glasses of water each day while you are using tobramycin injection. You may become easily dehydrated while using this medication.

Use this medication for the full prescribed length of time. Your symptoms may improve before the infection is completely cleared. Skipping doses may also increase your risk of further infection that is resistant to antibiotics. Tobramycin will not treat a viral infection such as the common cold or flu.

Your doctor will need to check your hearing and kidney function while you are using tobramycin.

If you need surgery, tell the surgeon ahead of time that you are using tobramycin injection. You may need to stop using the medicine for a short time.

Store at room temperature away from moisture and heat.

Detailed Tobramycin dosage information

# What happens if I miss a dose?

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.

## What should I avoid while using tobramycin injection?

This medication may impair your thinking or reactions. Be careful if you drive or do anything that requires you to be alert.

## What other drugs will affect tobramycin injection?

Tell your doctor about all medicines you use, and those you start or stop using during your treatment with tobramycin, especially:

• diuretics--ethacrynic acid, furosemide.

**Tobramycin can harm your kidneys.** This effect is increased when you also use certain other medicines, especially:

· cisplatin;

- injected antibiotics--amikacin, colistimethate, kanamycin, gentamicin, polymyxin B, streptomycin, vancomycin; or
- certain antibiotics taken by mouth--neomycin, paromomycin.

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

Tobramycin drug interactions (more detail)

## Does tobramycin interact with my other drugs?

Enter medications to view a detailed interaction report using our Drug Interaction Checker.



## More about tobramycin

- · Check interactions
- Compare alternatives
- Pricing & coupons
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- During pregnancy
- · Drug class: aminoglycosides
- Breastfeeding

## **Patient resources**

- Tobramycin inhalation drug information
- Tobramycin (Inhalation) (Advanced Reading)
- Tobramycin (Injection) (Advanced Reading)
- Tobramycin (Systemic)
- Tobramycin Inhalation Powder
- Tobramycin Inhalation Solution

#### Other brands

Nebcin, Bethkis, Tobi, Kitabis Pak, TOBI Podhaler

## **Professional resources**

- Tobramycin monograph
- Tobramycin (FDA)
- Tobramycin Inhalation Solution (FDA)

### Other brands

Bethkis, Tobi, Kitabis Pak, TOBI Podhaler

## Related treatment guides

- Bacterial Infection
- Cystic Fibrosis
- Bacteremia
- Bone infection

## **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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### **Antibiotics 101**

List of Common Antibiotics & Types

**Antibiotics and Alcohol** 

**Probiotics and Antibiotics** 

**Antibiotics for Strep Throat** 

Antibiotics for a Tooth Infection

Antibiotics for UTI's

#### **DRUG STATUS**

### **Availability**

Rx Prescription only

### **Pregnancy & Lactation**

্প Risk data available

### **CSA Schedule\***

N/A Not a controlled drug

**Approval History** 

**~** 

### **User Reviews & Ratings**

Review this drug

### **Images**

Tobi Podhaler (for Oral Inhalation) (tobramycin) 28 mg (NVR AVCI Logo)

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