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2. Amoxicillin/clarithromycin/lansoprazole

# Amoxicillin, clarithromycin, and lansoprazole

**Generic name:** amoxicillin, clarithromycin, and lansoprazole [ *a-MOX-i-SIL-in, kla-RITH-roe-MYE-sin, LAN-soe-PRA-zole* ]

**Brand name:** [Prevpac](#)

**Dosage form:** oral kit (500 mg-500 mg-30 mg)

**Drug class:** [H. pylori eradication agents](#)



[Medically reviewed](#) by Drugs.com on Aug 17, 2023. Written by [Cerner Multum](#).

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## What is amoxicillin, clarithromycin, and lansoprazole?

Amoxicillin is a penicillin antibiotic. [Clarithromycin](#) is a macrolide antibiotic. These antibiotics fight bacteria in the body.

[Lansoprazole](#) decreases the amount of acid produced in the stomach.

Amoxicillin, clarithromycin, and lansoprazole is a combination medicine used in people with *Helicobacter pylori* (*H. pylori*) infection and stomach ulcers. Treating *H. pylori* infection can help prevent future stomach ulcers.

Amoxicillin, clarithromycin, and lansoprazole may also be used for purposes not listed in this medication guide.

## Amoxicillin, clarithromycin, and lansoprazole side effects

Get emergency medical help if you have **signs of an allergic reaction** (hives, difficult breathing, swelling in your face or throat) or a **severe skin reaction** (fever, sore throat, burning eyes, skin pain, red or purple skin rash with blistering and peeling).

**Seek medical treatment if you have a serious drug reaction that can affect many parts of your body.** Symptoms may include: skin rash, fever, swollen glands, muscle aches, severe weakness, unusual bruising, or yellowing of your skin or eyes.

**Amoxicillin, clarithromycin, and lansoprazole may cause serious side effects. Call your doctor at once if you have:**

- severe stomach pain, diarrhea that is watery or bloody;
- fast or pounding heartbeats, fluttering in your chest, [shortness of breath](#), and sudden dizziness (like you might pass out);
- **liver problems**--upper stomach pain, itching, loss of appetite, dark urine, jaundice (yellowing of the skin or eyes);
- **kidney problems**--urinating more or less than usual, blood in your urine, swelling, rapid weight gain; or

- **new or worsening symptoms of lupus**--joint pain, and a skin rash on your cheeks or arms that worsens in sunlight.

Serious side effects may be more likely in older adults.

**Common side effects of amoxicillin, clarithromycin, and lansoprazole may include:**

- nausea, vomiting, diarrhea;
- headache;
- vaginal itching or discharge;
- unusual or unpleasant taste in the mouth; or
- black or "hairy" tongue.

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.

 [Amoxicillin / clarithromycin / lansoprazole side effects](#) (more detail)

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## Warnings

You should not take amoxicillin, clarithromycin, and lansoprazole if you've ever had a severe allergic reaction to certain antibiotics, if you've had certain heart rhythm disorders, or if you've had liver problems caused by taking clarithromycin.

Tell your doctor about all your current medicines and any you start or stop using. **Many drugs can interact, and some drugs should not be used together.**

## Before taking this medicine

You should not take this medicine if you are allergic to amoxicillin (Amoxil), clarithromycin (Biaxin), or lansoprazole (Prevacid), or if:

- you have a history of [long QT syndrome](#) or certain heart rhythm disorders;
- you have ever had liver problems or jaundice caused by taking clarithromycin;
- you are allergic to [azithromycin](#) (Zithromax, Z-Pak), erythromycin, or [telithromycin](#);
- you have had a severe allergic reaction to a penicillin antibiotic, including ampicillin, Augmentin, Principen, Timentin, Trimox, and others; or

- you have had a severe allergic reaction to a cephalosporin antibiotic such as cefdinir, cefprozil, cefuroxime, cephalixin, Duricef, Omnicef, Cefzil, Keflex, Spectracef, and others.

**Some medicines can cause unwanted or dangerous effects when used with amoxicillin, clarithromycin, and lansoprazole.** Your doctor may change your treatment plan if you also use:

- cisapride;
- colchicine (if you also have liver or kidney disease);
- [dihydroergotamine](#) or ergotamine;
- lovastatin (Advicor, Altoprev, Mevacor) or simvastatin (Zocor, Simcor, Vytorin, Juvisync); or
- pimozone.

Tell your doctor if you have ever had:

- [liver disease](#);
- kidney disease;
- allergies;
- [myasthenia gravis](#);
- osteoporosis or low bone mineral density (osteopenia); or
- an electrolyte imbalance or metabolic disorder.

**You may be more likely to have a broken bone while taking this medicine long term or more than once per day.**

Talk with your doctor about ways to keep your bones healthy.

**This medicine may harm an unborn baby.** Use effective [birth control](#) to prevent pregnancy, and tell your doctor if you become pregnant.

Amoxicillin can make [birth control pills](#) less effective. Ask your doctor about using a non-hormonal birth control (condom, diaphragm with spermicide) to prevent pregnancy.

You should not breast-feed while using this medicine.

This medicine is not approved for use by anyone younger than 18 years old.

## How should I take amoxicillin, clarithromycin, and lansoprazole?

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

Take amoxicillin, clarithromycin, and lansoprazole twice daily before you eat, unless your doctor tells you otherwise.

Swallow each pill whole and do not crush, chew, break, or open it.

Use this medicine for the full prescribed length of time, even if your symptoms quickly improve. Skipping doses can increase your risk of infection that is resistant to medication. This medicine will not treat a [viral infection](#) such as the flu or a common cold.

This medicine can affect the results of certain medical tests. Tell any doctor who treats you that you are using amoxicillin, clarithromycin, and lansoprazole.

Store at room temperature, away from moisture, heat, and light.

## Amoxicillin, clarithromycin, and lansoprazole dosing information

### Usual Adult Dose for *Helicobacter pylori* Infection:

Amoxicillin 1000 mg-clarithromycin 500 mg-lansoprazole 30 mg orally 2 times a day

-Duration of therapy: 10 to 14 days

Comment: This drug should be taken in the morning and evening.

Use: Treatment of patients with [Helicobacter pylori infection](#) and [duodenal ulcer](#) disease to eradicate H pylori

**i** [Detailed Amoxicillin / clarithromycin / lansoprazole dosage information](#)

## What happens if I miss a dose?

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

## 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 taking amoxicillin, clarithromycin, and lansoprazole?

Antibiotic medicines can cause diarrhea, which may be a sign of a new infection. **If you have diarrhea that is watery or bloody, call your doctor before using anti-diarrhea medicine.**

## What other drugs will affect amoxicillin, clarithromycin, and lansoprazole?

If you take any of the following medicines, take them separately:

- **Zidovudine:** take amoxicillin, clarithromycin, and lansoprazole at least 2 hours before or 2 hours after you take amoxicillin, clarithromycin, and lansoprazole.
- **Sucralfate (Carafate):** take it at least 30 minutes after you take amoxicillin, clarithromycin, and lansoprazole.

**Sometimes it is not safe to use certain medications at the same time.** Some drugs can affect your blood levels of other drugs you take, which may increase side effects or make the medications less effective.

**Clarithromycin can cause a serious heart problem.** Your risk may be higher if you also use certain other medicines for infections, asthma, heart problems, [high blood pressure](#), depression, mental illness, cancer, malaria, or HIV.

**Tell your doctor about all your current medicines.** Many drugs can affect amoxicillin, clarithromycin, and

lansoprazole, especially:

- antiviral medication;
- "statin" cholesterol medication;
- insulin or oral diabetes medicine (especially nateglinide, [pioglitazone](#), repaglinide, or [rosiglitazone](#));
- **a blood thinner**--warfarin (Coumadin, Jantoven);
- **heart or blood pressure medication**--amlodipine, diltiazem, verapamil; or
- **a Valium-type sedative**--alprazolam, midazolam, triazolam.

**This list is not complete and many other drugs may affect amoxicillin, clarithromycin, and lansoprazole.** This includes prescription and over-the-counter medicines, vitamins, and [herbal products](#). Not all possible [drug interactions](#) are listed here.

**i** [Amoxicillin / clarithromycin / lansoprazole drug interactions](#) (more detail)

## Does amoxicillin/clarithromycin/lansoprazole interact with my other drugs?

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

amoxicillin/clarithromycin/lansoprazole

+

Enter a drug name

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## Patient resources

- [Lansoprazole, amoxicillin, and clarithromycin advanced reading](#)
- [Lansoprazole, Amoxicillin, and Clarithromycin](#)

Other brands

[Prevpac](#)

Professional resources

- [Lansoprazole, Amoxicillin and Clarithromycin prescribing information](#)

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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

**Availability**  
**Rx** Prescription only

**Pregnancy & Lactation**  
 Risk data available

**CSA Schedule\***  
**N/A** Not a controlled drug

**Approval History**  
 Drug history at FDA





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6.3 / 10

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