

**Package Leaflet (PIL)**  
**Package leaflet: Information for the user**  
**Amoxicillin 250mg & 500 mg Capsules**  
(Amoxicillin)

**Read all of this leaflet carefully before you start taking this medicine because it contains important information for you.**

- Keep this leaflet. You may need to read it again.
- If you have any further questions, ask your doctor or pharmacist.
- This medicine has been prescribed for you only. Do not pass it on to others. It may harm them, even if their sign of illness are the same as yours.
- If you get any side effects, talk to your doctor or pharmacist. This includes any possible side effects not listed in this leaflet. See section 4.

**What is in this leaflet**

1. What Amoxicillin capsules is and what it is used for
2. What you need to know before you take Amoxicillin capsules
3. How to take Amoxicillin capsules
4. Possible side effects
5. How to store Amoxicillin capsules
6. Contents of the pack and other information.

**1. What Amoxicillin capsules is and what it is used for**

**What Amoxicillin Capsule is**

Amoxicillin 250 mg and 500 mg Capsules is an antibiotic. The active ingredient is amoxicillin. This belongs to a group of medicines called 'penicillins'.

**What Amoxicillin Capsule is used for**

Amoxicillin Capsule is used to treat infections caused by bacteria in different parts of the body. Amoxicillin Capsule may also be used in combination with other medicines to treat stomach ulcers.

**2. What you need to know before you take Amoxicillin capsules**

**Do not take Amoxicillin capsule:**

- if you are allergic to amoxicillin, penicillin or any of the other ingredients of this medicine (listed in section 6)
- if you have ever had an allergic reaction to any antibiotic. This can include a skin rash or swelling of the face or throat.

Do not take Amoxicillin Capsules if any of the above apply. If you are not sure, talk to your doctor or pharmacist before taking Amoxicillin Capsules.

**Warnings and Precautions**

Talk to your doctor or pharmacist before taking Amoxicillin Capsule if you:

- have glandular fever (fever, sore throat, swollen glands and extreme tiredness)

- have kidney problems
- are not urinating regularly.

If you are not sure if any of the above apply to you, talk to your doctor or pharmacist before taking Amoxicillin Capsules.

### **Conditions you need to look out for**

Amoxicillin Capsules can make some existing conditions worse, or cause serious side effects, such as severe allergic reactions, serious skin reactions, chest pain, repetitive vomiting within 1 to 4 hours of Amoxicillin Capsules administration or severe diarrhoea (pseudomembranous colitis). You must look out for certain symptoms while you are receiving Amoxicillin Capsules to help reduce the risk of any problems (see section 4).

### **Blood and urine tests**

If you are having:

- Urine tests (glucose) or blood tests for liver function
- Oestriol tests (used during pregnancy to check the baby is developing normally)

Tell your doctor or pharmacist that you are taking Amoxicillin Capsule. This is because Amoxicillin Capsule can affect the results of these tests.

### **Other medicines and Amoxicillin Capsules**

Tell your doctor or pharmacist if you are taking, have recently taken or might take any other medicines.

- If you are taking allopurinol (used for gout) with Amoxicillin Capsules, it may be more likely that you will have an allergic skin reaction.
- If you are taking probenecid, (used to treat gout), concomitant use of probenecid may reduce the excretion of amoxicillin and is not recommended. Your doctor may decide to adjust your dose of Amoxicillin Capsules.
- If you are taking medicines to help stop blood clots (such as warfarin), you may need extra blood tests.
- If you are taking other antibiotics (such as tetracycline) Amoxicillin Capsules may be less effective.
- If you are taking methotrexate (used to treat cancer and severe psoriasis), penicillins may reduce the excretion of methotrexate causing a potential increase in side effects.

### **Pregnancy and breast-feeding**

If you are pregnant or breast-feeding, think you may be pregnant or are planning to have a baby, ask your doctor or pharmacist for advice before taking this medicine.

### **Driving and using machines**

Amoxicillin Capsules can have side effects and the symptoms (such as allergic reactions, dizziness and convulsions) may make you unfit to drive.

Do not drive or operate machinery unless you are feeling well.

### Important information about excipients

- This medicine contains less than 1 mmol sodium (23 mg) per ml that is to say essentially 'sodium-free'.

## **3. How to take Amoxicillin Capsules**

Always take this medicine exactly as your doctor or pharmacist has told you. Check with your doctor or pharmacist if you are not sure.

- Swallow with water without opening capsule.

- If you cannot swallow the capsules, tell your doctor and he or she may prescribe another presentation that is more appropriate for you. Capsules are not suitable for patients who cannot swallow capsules due to the risk of choking. Other presentations are available, depending on the dosage, including oral formulations that can be used especially in patients who cannot swallow capsules.
- Space the doses evenly during the day, at least 4 hours apart.

The recommended dose is:

### **Children weighing less than 40 kg**

All doses are worked out depending on the child's body weight in kilograms.

- Your doctor will advise you how much Amoxicillin Capsules you should give to your baby or child.
- The usual dose is 40 mg to 90 mg for each kilogram of body weight a day, given in two or three divided doses.
- The maximum recommended dose is 100 mg for each kilogram of body weight a day.

### **Adults, elderly patients and children weighing 40 kg or more**

The usual dose of Amoxicillin Capsules is 250 mg to 500 mg three times a day or 750 mg to 1 g every 12 hours, depending on the severity and type of infection.

- **Severe infections:** 750 mg to 1 g three times a day.
- **Urinary tract infection:** 3 g twice daily for one day.
- **Lyme disease (an infection spread by parasites called ticks):** Isolated erythema migrans (early stage – red or pink circular rash): 4 g a day, Systemic manifestations (late stage – for more serious symptoms or when the disease spreads around your body): up to 6 g a day.
- **Stomach ulcers:** 750 mg or 1 g dose twice a day for 7 days with other antibiotics and medicines to treat stomach ulcers.
- **To prevent heart infection during surgery:** the dose will vary according to the type of surgery. Other medicines may also be given at the same time. Your doctor, pharmacist or nurse can give you more details.
- The maximum recommended dose is 6 g per day.

### **Kidney problems**

If you have kidney problems the dose might be lower than the usual dose.

### **If you take more Amoxicillin Capsules than you should**

If you have taken too much Amoxicillin Capsules, signs might be an upset stomach (feeling sick, being sick or diarrhoea) or crystals in the urine, which may be seen as cloudy urine, or problems urinating. Talk to your doctor as soon as possible. Take the medicine to show the doctor.

### **If you forget to take Amoxicillin Capsules**

- If you forget to take a dose, take it as soon as you remember.
- Do not take the next dose too soon, wait about 4 hours before taking the next dose.
- Do not take a double dose to make up for a forgotten dose.

### **How long should you take Amoxicillin Capsules for?**

- Keep taking Amoxicillin Capsules for as long as your doctor has told you to, even if you feel better. You need every dose to help fight the infection. If some bacteria survive they can cause the infection to come back.
- Once you finish treatment, if you still feel unwell you should go back to see the doctor.

Thrush (a yeast infection of moist areas of the body which can cause soreness, itching and white discharge) may develop if Amoxicillin Capsules is used for a long time. If this occurs tell your doctor.

If you take Amoxicillin Capsules for a long time, your doctor may perform additional tests to check your kidneys, liver and blood are working normally.

If you have any further questions on the use of this medicine, ask your doctor or pharmacist.

#### **4. Possible side effects**

Like all medicines, this medicine can cause side effects, although not everybody gets them.

#### **Stop taking Amoxicillin Capsules and see a doctor straight away, if you notice any of the following serious side effects – you may need urgent medical treatment:**

The following are very rare (may affect up to 1 in 10,000 people)

- allergic reactions, the signs may include: skin itching or rash, swelling of the face, lips, tongue, body or breathing difficulties. These can be serious and occasionally deaths have occurred
- chest pain which can be a sign of a potentially serious allergic reaction called Kounis syndrome
- repetitive vomiting (1 to 4 hours after Amoxicillin Capsules administration), stomach pain, abnormal drowsiness, diarrhoea and low blood pressure which can be a sign of a serious allergic reaction called drug induced enterocolitis syndrome
- rash or pinpoint flat red round spots under the skin surface or bruising of the skin. This is due to inflammation of blood vessel walls due to an allergic reaction. It can be associated with joint pain (arthritis) and kidney problems
- a delayed allergic reaction can occur usually 7 to 12 days after having Amoxicillin Capsules, some signs include: rashes, fever, joint pains and enlargement of the lymph nodes especially under the arms
- a skin reaction known as ‘erythema multiforme’ where you may develop: itchy reddish purple patches on the skin especially on the palms of the hands or soles of the feet, ‘hive-like’ raised swollen areas on the skin, tender areas on the surfaces of the mouth, eyes and genitals. You may have a fever and be very tired
- other severe skin reactions can include: changes in skin colour, bumps under the skin, blistering, pustules, peeling, redness, pain, itching, scaling. These may be associated with fever, headaches and body aches
- flu-like symptoms with a rash, fever, swollen glands, and abnormal blood test results (including increased white blood cells (eosinophilia) and liver enzymes) (Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS)).
- a red rash commonly seen on both sides of buttocks, upper inner thighs, armpits, neck (Symmetrical Drug-Related Intertriginous and Flexural Exanthema (SDRIFE))
- high temperature (fever), chills, a sore throat or other signs of an infection, or if you bruise easily. These may be signs of a problem with your blood cells
- the Jarisch-Herxheimer reaction which occur during treatment with Amoxicillin Capsules for Lyme disease and causes fever, chills, headache, muscle pain and skin rash.
- inflammation of the large bowel (colon) with diarrhoea (sometimes containing blood), pain and fever
- serious liver side effects may occur. They are mainly associated with people having treatment over a long period, males and the elderly. You must tell doctor urgently if you get:
  - severe diarrhoea with bleeding
  - blisters, redness or bruising of the skin
  - darker urine or paler stools

- yellowing of the skin or the whites of the eyes (jaundice). See also anaemia below which might result in jaundice.

These can happen when having the medicines or for up to several weeks after.

**If any of the above happens stop taking the medicine and see your doctor straight away.**

**Sometimes you may get less severe skin reactions such as:**

- a mildly itchy rash (round, pink-red patches), 'hive-like' swollen areas on forearms, legs, palms, hands or feet. This is uncommon (may affect up to 1 in 100 people).

**If you have any of these talk to your doctor as Amoxicillin Capsules will need to be stopped.**

The other possible side effects are:

**Common** (may affect up to 1 in 10 people)

- skin rash
- feeling sick (nausea)
- diarrhoea.

**Uncommon** (may affect up to 1 in 100 people)

- being sick (vomiting).

**Very rare** (may affect up to 1 in 10,000 people)

- thrush (a yeast infection of the vagina, mouth or skin folds), you can get treatment for thrush from your doctor or pharmacist
- kidney problems
- fits (convulsions), seen in patients on high doses or with kidney problems
- dizziness
- hyperactivity
- crystals in urine, leading to acute renal injury which may be seen as cloudy urine, or difficulty or discomfort in passing urine. Make sure you drink plenty of fluids to reduce the chances of these symptoms
- the tongue may change to yellow, brown or black and it may have a hairy appearance
- an excessive breakdown of red blood cells causing a form of anaemia. Signs include: tiredness, headaches, shortness of breath, dizziness, looking pale and yellowing of the skin and the whites of the eyes
- low number of white blood cells
- low number of cells involved in blood clotting
- the blood may take longer to clot than it normally would. You may notice this if you have a nosebleed or cut yourself.
- Rash with blisters arranged in a circle with central crusting or like a string of pearls (linear IgA disease)
- Inflammation of the membranes that surround the brain and spinal cord (aseptic meningitis)

### **Reporting of side effects**

If you get any side effects, talk to your doctor or pharmacist. This includes any possible side effects not listed in this leaflet. You can also report side effects directly via Yellow Card Scheme, Website: [www.mhra.gov.uk/yellowcard](http://www.mhra.gov.uk/yellowcard). By reporting side effects you can help provide more information on the safety of this medicine.

## **5. How to store Amoxicillin Capsules**

Keep this medicine out of the sight and reach of children.

Do not use this medicine after the expiry date which is stated on the carton after EXP. The expiry date refers to the last day of that month.

Store in the original pack below 30°C.

Do not use this medicine if you notice visible signs of deterioration.

Do not throw away any medicines via waste water or household waste. Ask your pharmacist how to throw away medicines you no longer use. These measures will help protect the environment.

## **6. Contents of the pack and other information**

### **What Amoxicillin Capsules contains**

- The active substance in each capsule is 250 mg or 500 mg Amoxicillin Trihydrate.
  - The other ingredients are Croscarmellose Sodium, Magnesium stearate, Sunset yellow E110, Carmosine E122, Brilliant blue E133, Quinoline Yellow E 104, Titanium dioxide E171, Methyl parahydroxybenzoate E218, Propyl parahydroxybenzoate E216, Gelatin (TSE Free) and Sodium lauryl sulphate.

### **What Amoxicillin Capsules looks like and contents of the pack**

Red / Buff coloured capsules printed with 'AMOXY 250' in black ink.

Red / Buff coloured capsules printed with 'AMOXY 500' in black ink.

Amoxicillin 250mg and 500mg are supplied blister pack and plastic container.

Pack sizes:

Blister: 15, 21 capsules (for 500 mg & 250 mg)

Plastic container: 100 & 500 capsules.

Not all pack sizes may be marketed.

### **Marketing Authorization Holder and Manufacturer**

**BROWN & BURK UK LIMITED,**

5 Marryat Close, Hounslow West,

Middlesex, TW4 5DQ, United Kingdom

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### **General advice regarding the use of antibiotics**

Antibiotics are used to treat infections caused by bacteria. They have no effect against infections caused by viruses.

Sometimes an infection caused by bacteria does not respond to a course of an antibiotic. One of the commonest reasons for this to occur is because the bacteria causing the infection are resistant to the antibiotic that is being taken. This means that they can survive and even multiply despite the antibiotic.

Bacteria can become resistant to antibiotics for many reasons. Using antibiotics carefully can help to reduce the chance of bacteria becoming resistant to them.

When your doctor prescribes a course of an antibiotic it is intended to treat only your current illness. Paying attention to the following advice will help prevent the emergence of resistant bacteria that could stop the antibiotic working.

1. It is very important that you take the antibiotic at the right dose, at the right times and for the right number of days. Read the instructions on the label and if you do not understand anything ask your doctor or pharmacist to explain.
2. You should not take an antibiotic unless it has been prescribed specifically for you and you should use it only to treat the infection for which it was prescribed.
3. You should not take antibiotics that have been prescribed for other people even if they had an infection that was similar to yours.
4. You should not give antibiotics that were prescribed for you to other people.
5. If you have any antibiotic left over when you have taken the course as directed by your doctor you should take the remainder to a pharmacy for appropriate disposal.