

**Package leaflet:
Information for the user**

**Azithromycin 250 mg
film-coated tablets
Azithromycin 500 mg
film-coated tablets**

Azithromycin

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

1. What Azithromycin is and what it is used for

Azithromycin belongs to a group of medicines called macrolide antibiotics. Antibiotics are used to treat infections caused by micro-organisms like bacteria.

Azithromycin is used for the treatment of certain infections caused by bacteria that are sensitive to it, such as:

- chest, throat or nasal infections (such as bronchitis, pneumonia, tonsillitis, sore throat (pharyngitis) and sinusitis)
- ear infections
- skin and soft tissue infections, with exception of infected burn wounds.
- infection of the tube that carries urine from the bladder (urethra) or the neck of the womb (cervix) caused by *Chlamidia trachomatis* bacteria and *Neisseria gonorrhoeae*.

2. What you need to know before you take Azithromycin

Do not take Azithromycin :

- if you are allergic to azithromycin or any other macrolide antibiotic such as erythromycin or ketolide antibiotic, clarithromycin or any of the ingredients of this medicine (listed in section 6). An allergic reaction may cause skin rash or wheezing.

Warnings and precautions

Talk with your doctor or pharmacist before taking Azithromycin if you have or have had any of the following conditions:

- you have ever had a serious allergic reaction causing swelling of the face and throat, possibly with breathing problems, rash, fever, swollen glands or increase in eosinophils (certain type of white blood cells)
- kidney problems
- heart conditions: you have severe heart problems or problems with your heart beat such as long QT syndrome (shown on an electrocardiogram or ECG machine)
- your blood levels of potassium or magnesium are too low
- liver problems: your doctor may need to monitor your liver function or stop the treatment
 - myasthenia gravis (a condition that causes certain muscles to become weak)
 - or if you are taking any ergot derivatives such as ergotamine (used to treat migraine) as these medicines should not be taken together with Azithromycin (see section "Other medicines and Azithromycin").

Tell your doctor immediately if:

- you feel your heart beating in your chest or have an abnormal heartbeat, or get dizzy or faint or suffer from any muscle weakness when taking Azithromycin.
- you have nervous (neurological) or mental (psychiatric) problems.
- your newborn child develops vomiting and irritability during feeding.
- you are giving this medicine to an infant (less than 6 weeks of age) and they vomit or become irritable when fed.

If you develop diarrhoea or loose stools during or after treatment, tell your doctor at once. Do not take any medicine to treat your diarrhoea without first checking with your doctor. If your diarrhoea continues, please inform your doctor.

Other medicines and Azithromycin

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

In particular, Azithromycin may interact with the medicines listed below:

- **Antacids** - used for heartburn and indigestion. Azithromycin should be taken at least 1 hour before or 2 hours after the antacid
- **Ergotamine** -dihydroergotamine (used for migraine) should not be taken at the same time as serious side effects may develop (ergotism - i.e. itching in the limbs, muscle cramps and feet due to poor blood circulation) see 'Warnings and precautions' section
- **Cholesterol lowering medicines** (statins)
- **Warfarin or any similar medicines** - to prevent blood clots: concomitant use can increase the risk of bleeding
- **Hydroxychloroquine or chloroquine**- (used to treat autoimmune diseases including rheumatoid arthritis, or to treat or prevent malaria): heart problems may occur. Taking these medicines at the same time as azithromycin may increase the chance of you getting side effects that affect your heart.
- **Cisapride** - (used to treat stomach problems), or **terfenadine** (used to treat hay fever or a skin allergy): should not be taken at the same time as this may cause severe heart problems (shown on an electrocardiogram or ECG machine)
- **Zidovudine or nelfinavir** - used to treat HIV infections. Taking nelfinavir with Azithromycin may mean that you get more of the side effects listed in this leaflet
- **Rifabutin** - used to treat tuberculosis (TB)
- **Quinidine** - used to treat heart rhythm problems (called anti-arrhythmics)
- **Cyclosporin** - used to suppress the immune system to prevent and treat rejection of a transplanted organ or bone marrow. Your doctor will regularly check your blood levels of cyclosporin and may change your dose.

Tell your doctor or pharmacist if you are taking any of the following medicines. Azithromycin can make the effects of these other medicines stronger. Your doctor may change your dose:

- **Alfentanil** - a painkiller used e.g. during operations
- **Theophylline** - used for breathing problems such as asthma and chronic obstructive pulmonary disease (COPD)
- **Digoxin** - used to treat heart failure
- **Colchicine** - used for gout and familial Mediterranean fever
- **Astemizol** - used to treat hay fever
- **Pimozide** - used to treat mental health problems.

Azithromycin with food and drink

You should take Azithromycin either 1 hour before a meal or 2 hours after a meal.

Pregnancy, breast-feeding and fertility

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.

There is insufficient information available about the use of Azithromycin during pregnancy.

Therefore you should not use Azithromycin during pregnancy, unless explicitly advised by your doctor.

Azithromycin is partially passed through the mother's milk,

It is not known whether azithromycin may have adverse effects on the breast-fed infant. Breastfeeding should therefore be discontinued during treatment with Azithromycin. It is recommended to discard the milk during treatment and up until 2 days after discontinuation of treatment. Breast-feeding may be resumed thereafter.

Driving and using machines

Azithromycin is not expected to affect your ability to drive or use machines.

Azithromycin contains lactose monohydrate.

If you have been told by your doctor that you have an intolerance to some sugars, contact your doctor before taking this medicinal product.

Sodium

Azithromycin contains less than 1 mmol (23 mg) of sodium per tablet, that is to say it is essentially 'sodium-free.'

3. How to take Azithromycin

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

The recommended dose:

For adults and children with a body weight of 45 kg or more

Azithromycin is taken as a 3 or 5 day course:

- 3 days course: Take 500 mg (two 250 mg or one 500 mg tablet) once each day
- 5 days course:
 - Take 500 mg on Day 1 (two 250 mg tablets)
 - Take 250 mg (one 250 mg tablet) on Days 2, 3, 4 and 5

For infections of the neck of the womb and urethra caused by Chlamydia trachomatis

One dose of 1000 mg, (four 250 mg tablets or two 500 mg tablets) to be taken one time.

For gonorrhoea the recommended dose is 1 g or 2 g of azithromycin in combination with 250 or 500 mg of ceftriaxone.

Children and adolescents under 45kg

The tablets are not recommended. Children with a body weight of less than 45kg should use other forms of this medicine.

Patients with kidney or liver problems

You should tell your doctor if you have kidney or liver problems as your doctor may need to alter the normal dose.

Doctors sometimes prescribe different doses to the recommended dose. The label on the pack will tell you which dose you should take. If you are still not sure, ask your doctor or pharmacist.

Always continue with the course even if you feel better. If your infection gets worse or you do not start to feel better within a few days or a new infection develops, go back and see your doctor.

Dosage for elderly

For elderly the same dosage as for adults applies.

500 mg tablet can be divided into equal doses.

Method of administration

The tablets should be taken with ½ glass of water.

The tablets can be taken with or without food.

If you take more Azithromycin than you should

If you have taken too much Azithromycin you may feel unwell, contact your doctor, pharmacist or go to your nearest hospital casualty department immediately.

Symptoms of overdose are loss of hearing, feeling sick or being sick and diarrhoea. In case of overdosage admission into hospital may be necessary.

If you forget to take Azithromycin

If you forget to take Azithromycin, take your dose as soon as possible. If it is almost time for the next dose, just skip that dose and take the next one when it is due. If in doubt, please contact your doctor or pharmacist. If you have to skip a dose, still take all of your tablets. This means that you will finish your course a day later. Do not take a double dose to make up for a forgotten dose.

If you stop taking Azithromycin

Never stop the treatment with Azithromycin on your own, but first discuss this with your doctor. If the prescribed treatment is not completely finished, the infection may come back again.

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.

Tell your doctor immediately if you experience any of the following symptoms after taking this medicine as the symptoms can be severe.

- sudden wheeziness, difficulty in breathing, speaking and swallowing
- swelling of eyelids, face or lips, rash or itching (especially affecting the whole body)
- Extreme dizziness or collapse
- severe or prolonged diarrhoea, which may have blood in it, during or after treatment with azithromycin as this may be a sign of serious bowel inflammation
- severe skin rash causing redness and flaking
- rapid or irregular heartbeat
- low blood pressure
- Serious skin reactions:
 - blistering of the skin, mouth, eyes and genitals (Stevens-Johnson Syndrome (SJS))

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- blistering of the skin, severe skin reaction (Toxic Epidermal Necrosis (TEN))
- skin rash accompanied by other symptoms such as fever, swollen glands and an increase of eosinophils (a type of white blood cell). A rash appears as small, itchy red bumps (Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS))

Stop taking azithromycin if you develop these skin symptoms and contact your doctor or seek medical attention immediately.

The most common side effects that occur when taking azithromycin are listed below. These may go away during treatment as your body adjusts to the medicine. Tell your doctor if any of these side effects continue to bother you.

If you experience any of the following side effects contact your doctor as soon as possible

Rare (may affect up to 1 in 1,000 people):

- Increased or reduced urine output, or traces of blood in your urine
- Skin eruption that is characterised by the rapid appearance of areas of red skin studded with small pustules (small blisters filled with white/yellow fluid) (Acute Generalized Exanthematous Pustulosis (AGEP)).

Not known (frequency cannot be estimated from the available data)

- Diarrhoea that is serious, lasts a long time or has blood in it, with stomach pain or fever. This can be a sign of a serious bowel inflammation. This is something that can rarely happen after taking antibiotics
- Yellowing of the skin or whites of the eyes (jaundice) caused by liver problems
- Inflammation of the pancreas (pancreatitis), which causes severe pain in the abdomen and back
- Increased or reduced urine output, or traces of blood in your urine
- Skin rash caused by sensitivity to sunlight
- bruising or prolonged bleeding after injury
- Irregular heart beat.

These are all serious side effects. You may need urgent medical attention.

Other side effects include:

Very common (may affect more than 1 in 10 people)

- diarrhoea
- abdominal pain
- feeling sick (nausea)
- loose wind (flatulence)
- stomach cramps

Common (may affect up to 1 in 10 people)

- lack of appetite (anorexia)
- headache
- feeling dizzy
- sensation of pins and needles or numbness (paraesthesia)
- changes in your sense of taste
- visual impairment
- deafness
- being sick (vomiting), stomach pain or cramps, loss of appetite, problems digesting your food
- skin rashes and itching
- joint pain (arthralgia)
- fatigue
- low numbers of lymphocytes (a type of white blood cell), higher number of eosinophils (a type of white blood cell)
- low blood bicarbonate
- tiredness or weakness

Uncommon (may affect up to 1 in 100 people)

- yeast infections of the mouth and thrush (candidiasis) - a fungal infection
- bacterial infection
- inflammation of the throat (pharyngitis)
- breathlessness, chest pain, wheeze and cough (respiratory disorder)
- inflammation of the mucous membrane inside the nose (rhinitis)
- stomach flu (gastroenteritis)
- inflammation inside your vagina (vaginitis)
- pneumonia
- low numbers of leukocytes (a type of white blood cell), low number of neutrophils (a type of white blood cell)
- angioedema
- hypersensitivity
- nervousness
- reduced sense of touch or sensation (hypoaesthesia)
- feeling drowsy (somnolence)
- having difficulty sleeping (insomnia)
- ear disorder
- impaired hearing, ringing in your ears
- dizziness
- heart palpitations
- hot flushes
- shortness of breath
- nosebleed
- inflammation of the lining of the stomach (gastritis)
- constipation, stomach pain associated with diarrhoea and fever
- difficulty swallowing
- swollen abdomen
- dry mouth
- belching
- mouth ulcer
- increased salivary flow
- inflammation of the liver (hepatitis)
- allergic skin reactions such as skin more sensitive to sunlight than normal, red, flaking and swollen skin
- skin rash
- itching
- inflammation of the skin (dermatitis)
- dry skin
- increased sweating
- pain, swelling and reduced motion in your joints (osteoarthritis)
- muscle pain
- back pain
- neck pain
- increase in blood urea levels
- painful or difficult urination
- pain in the upper back (renal pain)
- spotting
- testicular disorder
- urticaria
- chest pain
- face swelling
- fever
- pain
- swelling of extremities (peripheral edema)
- swelling (oedema)
- general feeling of being unwell (malaise)
- weakness (asthenia)
- change in liver enzyme levels and blood levels
- post procedural complications
- general discomfort
- abnormal laboratory test values (e.g. blood or liver tests).

Rare (may affect up to 1 in 1,000 people)

- feeling agitated, feeling of unreality to the self and own feeling
- vertigo
- abnormal hepatic function,
- allergic skin reactions

- skin eruption that is characterised by the rapid appearance of areas of red skin studded with small pustules (small blisters filled with white/yellow fluid).
- swelling of the hands, feet, lips, genitals or throat (angioneurotic oedema)
- kidney problems

Not known (frequency cannot be estimated from the available data)

- gut (colon) infection (pseudomembranous colitis)
- reduced number of red blood cells due to destruction (haemolytic anaemia which can make the skin pale and cause weakness or breathlessness); reduction in number of platelets (thrombocytopenia)
- anaphylactic reaction
- feeling angry, aggressive
- anxiety
- confusion
- hallucination
- fainting (syncope)
- fits (convulsions)
- reduced sense of touch (hypoaesthesia)
- feeling hyperactive
- change in your sense of smell (anosmia, parosmia)
- change in your sense of taste (ageusia)
- exacerbation or aggravation of muscle weakness (myasthenia gravis)
- blurred vision
- rapid (ventricular tachycardia) or irregular heart beat, sometimes being life-threatening, changes of the heart rhythm found by an electro-cardiogram (QT prolongation and torsade de pointes)
- low blood pressure
- inflammation of the pancreas (pancreatitis)
- tongue discoloration
- liver failure
- severe allergic skin reactions
- inflammation of the kidney or kidney failure

The following side effects have been reported in prophylactic treatment against Mycobacterium Avium complex (MAC):

Very common (may affect more than 1 in 10 people)

- diarrhoea
- abdominal pain
- feeling sick (nausea)
- loose wind (flatulence)
- abdominal discomfort
- loose stools

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

- lack of appetite (anorexia)
- feeling dizzy
- headache
- sensation of pins and needles or numbness (paraesthesia)
- changes in your sense of taste
- visual impairment
- deafness
- being sick (vomiting), stomach pain or cramps, loss of appetite, problems digesting your food
- skin rashes and itching
- joint pain (arthralgia)
- fatigue

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

- reduced sense of touch (hypoaesthesia)
- hearing loss or ringing in your ears
- palpitations
- liver problems such as hepatitis
- severe form of skin flushing
- allergic skin reactions such as being sensitive to sunlight, red, flaking and swollen skin
- general feeling of being unwell (malaise)
- weakness (asthenia)

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 or search for MHRA Yellow Card in the Google Play or Apple App Store. By reporting side effects you can help provide more information on the safety of this medicine.

5. How to store Azithromycin

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.

The medicinal product does not require any special storage conditions.

Do not throw away any medicines via wastewater 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 Azithromycin contains

- The active substance is azithromycin dihydrate. Each film-coated tablet contains 250 mg of azithromycin (as dihydrate). Each film-coated tablet contains 500 mg of azithromycin (as dihydrate). The other ingredients are **Tablet core:** Calcium hydrogen phosphate, starch, pregelatinized (maize starch), croscarmellose sodium, sodium lauryl sulfate, magnesium stearate. **Tablet coating:** Lactose monohydrate, hypromellose, titanium dioxide (E 171), triacetin.

What Azithromycin looks like and contents of the pack

Film-coated tablet.

Azithromycin 250 mg film-coated tablets:

White to off-white, oblong shaped, film coated biconvex tablets, debossed with "66" on one side and "D" on other side. The size is 13.5 mm x 6.6 mm

Azithromycin 500 mg film-coated tablets:

White to off-white, oval shaped, film coated biconvex, tablet debossed with "6" and "7" on either side of the score-line on one side and "D" on other side. The size is 17.1 mm x 8.5 mm

The tablet can be divided into equal doses.

Azithromycin film-coated tablets are available in clear PVC-Aluminium blister packs.

Blister packs: 2, 3, 4, 6 and 12 film-coated tablets

Not all pack sizes may be marketed.

Marketing Authorisation Holder and Manufacturer

Milpharm Limited
Ares Block, Odyssey
Business Park
West End Road
Ruislip HA4 6QD
United Kingdom

Manufacturer

APL Swifit Services (Malta) Limited
Hf26, Hal Far Industrial Estate, Hal Far
Birzebbugia, BBG 3000
Malta

or
Milpharm Limited
Ares Block, Odyssey
Business Park
West End Road
Ruislip HA4 6QD
United Kingdom

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