

Package leaflet: Information for the user

Atovaquone/Proguanil Hydrochloride 250 mg/100 mg film-coated tablets atovaquone/proguanil hydrochloride

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

1. What Atovaquone/Proguanil Hydrochloride is and what it is used for

Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets belong to a group of medicines called *antimalarials*. It contains two active ingredients, atovaquone and proguanil hydrochloride.

Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets have two uses:

- to prevent malaria in adults and children who weigh more than 40 kg
- to treat malaria in adults and children who weigh more than 11 kg

Malaria is spread by the bite of an infected mosquito, which passes the malaria parasite (*Plasmodium falciparum*) into the bloodstream. Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets prevent malaria by killing this parasite. For people who are already infected with malaria, Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets also kills these parasites.

Protect yourself from catching malaria

People of any age can get malaria. It is a serious disease, but is preventable. As well as taking Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets, it is very important that you also take steps to avoid being bitten by mosquitoes.

- **Use insect repellent on exposed areas of the skin.**
 - **Wear light coloured clothing that covers most of the body**, especially after sunset as this is the time when mosquitoes are most active.
 - **Sleep in a screened room** or under a mosquito net impregnated with insecticide.
 - **Close windows and doors at sunset**, if they are not screened.
 - **Consider using an insecticide** (mats, spray, plug-ins) to clear a room of insects or to deter mosquitoes from entering the room.
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If you need further advice, talk to your doctor or pharmacist

It is still possible to get malaria after taking the necessary precautions. Some types of malaria infection take a long time to cause symptoms, so the illness may not start until several days, weeks or even months after returning from abroad.

See a doctor immediately if you get symptoms such as high temperature, headache, shivering and tiredness after returning home.

2. What you need to know before you take Atovaquone/Proguanil Hydrochloride

Do not take Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets:

- if you are allergic to Atovaquone and/or proguanil hydrochloride or any of the ingredients of this medicine (listed in section 6).
- for preventing malaria, if you have severe kidney disease.

Warnings and precautions

When preventing malaria:

- if you are sick (*vomit*) within 1 hour of taking your Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablet, take another dose straight away
- it is important to take the full course of Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets. If you have to take extra tablets due to sickness, you may need another prescription.
- if you have been vomiting, it is especially important to use extra protection, such as repellents and bednets. Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets may not be as effective, as the amount absorbed will be reduced.

When treating malaria:

- if you have vomiting and diarrhoea tell your doctor, you will need regular blood tests. Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets will not be as effective, as the amount absorbed will be reduced. The tests will check whether the malaria parasite is being cleared from your blood.
- if you have severe kidney disease, your doctor may want to prescribe a different medicine
- if you get a certain type of infection whilst being treated with Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets, your doctor may prescribe another type of medicine instead of Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets
- if the malaria is treated but then comes back repeatedly or if the malaria is caused by a certain type of parasite, your doctor may prescribe another medicine to be taken as well as Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets

Other medicines and Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets

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

Some medicines can affect the way Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets works, or Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets themselves can strengthen or weaken the effectiveness of other medicines taken at the same time. These include:

- metoclopramide, used to treat nausea and vomiting
 - the antibiotics tetracycline, rifampicin and rifabutin
 - efavirenz or certain highly active protease-inhibitors used to treat HIV
 - indinavir, used to treat HIV
 - warfarin and other medicines that stop blood clotting
 - etoposide used to treat cancer.
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Tell your doctor if you are taking any of these. Your doctor may decide that Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets aren't suitable for you, or that you need extra check ups while you're taking it.

REMEMBER to tell your doctor if you start taking any other medicines while you're taking Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets.

Atovaquone/Proguanil Hydrochloride with food and drink

Take Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets with food or a milky drink, where possible. This will increase the amount of Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets your body can absorb, and make your treatment more effective.

The tablets should preferably not be crushed.

Pregnancy and breast-feeding

If you are pregnant or if you have the intention to get pregnant, do not take Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets unless your doctor recommends it.

Ask your doctor or pharmacist for advice before taking Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets.

Do not breast feed while taking Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets, as the ingredients of Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets may pass into breast milk and may harm your baby.

Driving and using machines

If you feel dizzy, do not drive. Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets make some people feel dizzy. If this happens to you, do not drive, use machines or take part in activities where you may put yourself or others at risk.

3. How to take Atovaquone/Proguanil Hydrochloride

Always take Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets exactly as your doctor has told you. Check with your doctor or pharmacist if you are not sure.

Take Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets with food or a milky drink, where possible.

It is best to take Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets at the same time each day.

For preventing malaria

The usual dose for adults and adolescents weighing more than 40 kg is 1 tablet once a day, taken as below.

For children, talk to your doctor.

Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets is not recommended for preventing malaria in children, or in adults or adolescents who weigh less than 40 kg.

There may be a different type of Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets available for children in your country.

To prevent malaria in adults:

- start taking Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets 1 to 2 days
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before travelling to an area which has malaria

- continue taking it every day during your stay and then continue taking it for another 7 days after your return to a malaria-free area. Take the full course of Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets for maximum protection. Stopping early puts you at risk of getting malaria, as it takes 7 days to ensure that any parasites that may be in your blood following a bite from an infected mosquito are killed.

For treating malaria:

The usual dose for adults is 4 tablets once a day for 3 days.

For children weighing 11 kg or more:

- ≥ 11 to < 20 kg – 1 tablet once a day for 3 days
- ≥ 21 to < 30 kg – 2 tablets once a day for 3 days
- ≥ 31 to < 40 kg – 3 tablets once a day for 3 days
- Over 40 kg – dose as for adults.

Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets is not recommended for treating malaria in children who weigh less than 11 kg.

For children who weigh less than 11 kg talk to your doctor. There may be a different type of Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablet available in your country

If you take more Atovaquone/Proguanil Hydrochloride than you should

Contact a doctor or pharmacist for advice. If possible show them the Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets pack.

If you forget to take Atovaquone/Proguanil Hydrochloride

It is very important that you take the full course of Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets. If you forget to take a dose, don't worry. Just take your next dose as soon as you remember. Then continue your treatment as before. Don't take a double dose to make up for a missed dose.

If you stop taking Atovaquone/Proguanil Hydrochloride

Don't stop taking Atovaquone/Proguanil Hydrochloride without advice

Keep taking Atovaquone/Proguanil Hydrochloride for 7 days after you return to a malaria-free area. Take the full course of Atovaquone/Proguanil Hydrochloride for maximum protection.

Stopping early puts you at risk of getting malaria, as it takes 7 days to ensure that any parasites that may be in your blood following a bite from an infected mosquito are killed.

Please talk to your doctor or pharmacist if you need any advice.

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.

Look out for the following severe reactions. They have occurred in a small number of people, but their exact frequency is unknown.

Severe allergic reactions - signs include:

- rash and itching
 - sudden wheezing, tightness of the chest or throat, or difficulty breathing
 - swollen eyelids, face, lips, tongue or other part of the body.
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Contact a doctor immediately if you get any of these symptoms. Stop taking Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets.

Severe skin reactions:

- skin rash, which may blister and looks like small targets (central dark spots, surrounded by paler area with a dark ring around the edge) (*erythema multiforme*)
- severe widespread rash with blisters and peeling skin, particularly occurring around the mouth, nose, eyes and genitals (*Stevens-Johnson syndrome*).

If you notice any of these symptoms contact a doctor urgently.

Most of the other side effects reported have been mild and have not lasted very long.

Very common: affects more than 1 user in 10

- headache
- feeling sick and being sick (*nausea and vomiting*)
- stomach pain
- diarrhoea

Common: affects 1 to 10 users in 100

- dizziness
- sleeping problems (*insomnia*)
- strange dreams
- depression
- loss of appetite
- fever
- rash
- cough
- allergic reactions
- itching (*pruritus*)

Common side effects, which may show up in your blood tests are:

- reduced numbers of red blood cells (*anaemia*) which can cause tiredness, headaches and shortness of breath
- reduced numbers of white blood cells (*neutropenia*) which may make you more likely to catch infections
- low levels of sodium in the blood (*hyponatraemia*)
- an increase in liver enzymes.

Uncommon: affects 1 to 10 users in 1,000

These may affect up to 1 in 100 people:

- anxiety
- an unusual awareness of abnormal beating of the heart (*palpitations*) swelling and redness of the mouth
- red swollen patches on the skin (*hives*)
- hair loss.

Uncommon side effects that may show up in your blood tests:

- an increase in amylase (*an enzyme produced in the pancreas*).

Rare: affects 1 to 10 users in 10,000

- seeing or hearing things that are not there (*hallucinations*)

Other side effects: Other side effects have occurred in a small number of people but their exact frequency is unknown.

- Inflammation of the liver (*hepatitis*)
- blockage of the bile ducts (*cholestatis*)
- increase in heart rate (*tachycardia*)
- inflammation of the blood vessels (*vasculitis*) which may be visible as red or purple raised spots on the skin but can affect other parts of the body
- fits (seizure)
- panic attacks, crying
- nightmares
- severe mental health problem in which the person loses contact with reality and is unable to think and judge clearly
- mouth ulcers
- blisters
- peeling skin
- increased sensitivity of the skin to sunlight
- effects on your stomach (gastric intolerance).

Other side effects that may show up in your blood tests:

- A decrease in all types of blood cells (*pancytopenia*).

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 report side effects directly via

HPRA Pharmacovigilance

Website: www.hpra.ie

By reporting side effects you can help provide more information on the safety of this medicine.

5. How to store Atovaquone/Proguanil Hydrochloride

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 and the blister after EXP. The expiry date refers to the last day of that month.

This 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 Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets contain

The active substances are atovaquone and proguanil hydrochloride.

Each tablet contains 250 mg atovaquone and 100 mg proguanil hydrochloride.

The other ingredients are:

Core

Poloxamer 188, Microcrystalline Cellulose, Low-substituted Hydroxypropyl Cellulose, Povidone K30, Sodium Starch Glycolate Type A, Silica Colloidal anhydrous, Magnesium Stearate

Coating

Hypromellose, Titanium Dioxide (E171), Iron Oxide Red (E172), Macrogol 400, Macrogol 8000

What Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets looks like and contents of the pack

Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated tablets are Pinkish brown to brown coloured, circular, biconvex beveled edge Film-coated tablets with '404' debossed on one side and 'G' debossed on the other side.

Atovaquone/Proguanil Hydrochloride 250 mg/100 mg Film-coated are supplied in PVC/PVDC (clear) and hard tempered PVC/PVDC-Aluminium foil blister packs
Pack size: 12, 24, 36, 60 tablets

Not all pack sizes may be marketed.

Marketing Authorisation Holder

Glenmark Arzneimittel GmbH
Industriestr.31,
Grobenzell 82194
Germany

Manufacturer

Glenmark Pharmaceuticals s.r.o.
Hvězdova 1716/2b, 140 78 Prague 4,
Czech Republic

This medicinal product is authorised in the Member States under the following names:

Denmark	Atovaquone/Proguanil Glenmark 250 mg /100 mg Filmovertrukne tabletter
Germany	Atovaquon/Proguanilhydrochlorid Glenmark 250 mg /100 mg Filmtabletten
France	Atovaquone/Proguanil BGR 250 mg /100 mg comprimé pelliculé
Ireland	Atovaquone/Proguanil Hydrochloride Glenmark 250 mg /100 mg film-coated tablets
The Netherlands	Atovaquon/Proguanilhydrochloride Glenmark 250 mg /100 mg Filmomhulde Tabletten
Sweden	Atovaquone/Proguanil Glenmark 250/100 mg filmdragerade tabletter
Spain	Atovacuona/ Proguanil Hidrocloruro Viso Farmacéutica 250 mg/100 mg Comprimidos recubiertos con película
Ireland	Atovaquone/Proguanil Hydrochloride 250 mg /100 mg Film-coated tablets
Poland	Falcimar
Norway	Atovaquone/Proguanil Glenmark
Austria	Atovaquon/Proguanilhydrochlorid Glenmark 250 mg/100 mg Filmtabletten

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