

**Package leaflet: Information for the user****QUININE SULFATE 300mg TABLETS**  
**Quinine Sulfate**

**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, pharmacist or nurse.
- 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 Quinine Sulfate tablets are and what they are used for
2. What you need to know before you take Quinine Sulfate tablets
3. How to take Quinine Sulfate tablets
4. Possible side effects
5. How to store Quinine Sulfate tablets
6. Contents of the pack and other information

**1. What Quinine Sulfate tablets are and what they are used for**

The name of your medicine is Quinine Sulfate tablets BP 300mg. The active ingredient is Quinine Sulfate.

Quinine Sulfate belongs to a group of medicines called anti-protozoal agents and they are used to treat:

- malaria

- and prevent night cramps in adults and the elderly when sleep is regularly disrupted.

**2. What you need to know before you take Quinine Sulfate tablets**

**Do not take** Quinine Sulfate tablets and tell your doctor if you have:

- an allergy to quinine (including that in tonic waters or other beverages), quinoline or any of the other ingredients of this medicine (listed in section 6)
- **blood in your urine**
- **ringing in your ears**
- suffer from muscle weakness (**myasthenia gravis**)
- problems with your **eyes** or difficulty seeing
- been told you have a disorder affecting the red blood cells (**haemolysis**)

**Warnings and Precautions**

**Talk to your doctor or pharmacist** before taking Quinine Sulfate tablets if you:

- have **irregular heart beats** or other **heart disease**
- have had **malaria** for a long time
- suffer from severe glucose-6-phosphate dehydrogenase deficiency (**G6PD**), this can cause episodes of anaemia after eating certain foods such as fava beans (favism) or certain drugs including drugs to prevent malaria and dapsone.
- were born with or have any condition that causes an **abnormal heart rhythm**.

You should not take more than the prescribed dose as a condition called 'cinchonism' may occur even with normal doses. Please see section 4 'Possible side effects' for symptoms of cinchonism and tell your doctor if you experience any of them.

**Other medicines and Quinine Sulfate tablets**

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

- anticoagulants (to stop your blood from clotting such as warfarin)
- cardiac glycosides (for your heart such as digoxin)
- chloroquine, mefloquine, artemether with lumefantrine, primaquine, halofantrine (also to treat malaria)
- cimetidine (to treat stomach ulcers or acid reflux and indigestion)
- amantadine (to treat Parkinsons Disease or some viral infections)
- ciclosporin (to prevent transplant rejection)
- flecainide, quinidine or amiodarone (to treat irregular heart beats)
- terfenadine, astemizole (for allergic reactions)
- pimozide or thioridazine (to treat some mental disorders)
- moxifloxacin, rifampicin or antifungals (to treat infections)
- medicines to treat diabetes
- suxamethonium (muscle relaxant)
- HIV medicines
- barbiturates, carbamazepine or phenytoin (used in epilepsy)
- medicines which are known to cause disturbances in heart rhythm
- levacetylmethadol (a pain killer).

**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 for advice before taking this medicine. You should not take quinine sulfate when you are pregnant or breast-feeding, unless the benefits outweigh the risks.

This medicine should not be used to treat cramps during pregnancy. Large doses of quinine can cause foetal abnormalities or induce abortion. You should not breast-feed a baby that might have glucose-6 phosphate dehydrogenase (G6PD) deficiency.

**Driving and using machines**

This medicine may affect your vision and cause vertigo (dizziness or spinning sensation). Make sure you are not affected before you drive or operate machinery.

**Quinine Sulfate tablets contain Lactose and Sucrose**

The tablets contain lactose and sucrose. If you have been told that you have an intolerance to some sugars, please check with your doctor before taking these tablets.

**3. How to take Quinine Sulfate tablets**

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 tablets should be swallowed with a drink of water.

**The recommended dose is:**

**Malaria (you may be given another medicine for malaria with or after this course of quinine):**

**Adults (including elderly) and children aged 12 years and over:** The recommended dose is 2 tablets (600 mg) every eight hours for 5-7 days.

**Children aged 10-12 years** - 10mg per kg of body weight every eight hours for 7 days.

**Children under 10 years** - Not recommended.

If you have kidney or liver disease you may be given a different dose.

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### Night cramps

**Adults (including elderly):** Take 1 tablet at night. It may take up to 4 weeks before you notice any reduction in the frequency of leg cramps.

#### If you take more tablets than you should

If you (or someone else) swallow a lot of tablets at the same time, or you think a child may have swallowed any, contact your nearest hospital casualty department or tell your doctor immediately. Symptoms include loss of consciousness, coma, difficulty breathing, changes in heart beat and heart function, renal failure, fits, 'ringing' in the ears, loss of hearing, headache, feeling or being sick, changes in vision, low blood potassium (causing muscle twitching/weakness or abnormal heart rhythm) and low blood sugar, and sweating. Some of these side effects can be fatal. High doses of quinine may also cause miscarriage in pregnant women.

#### If you forget to take Quinine Sulfate Tablets

If you forget to take a dose, take another dose as soon as you remember. Do not take a double dose to make up for a forgotten dose.

#### If you stop taking Quinine Sulfate Tablets

- Keep taking this medicine until your doctor tells you to stop. Do not stop taking it just because you feel better. If you stop taking the medicine, your condition may re-occur or get worse.
- 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.

**Contact your doctor at once** if the following effects occur:

- **allergic reactions** –itchy skin rash, swelling of the lips, face, throat or tongue, flushing, fever, asthma or sensitivity to light
- sores in the mouth, nose, and eyes, a skin rash, and blistering (Stevens Johnson syndrome)
- **cinchonism** –abdominal pain, diarrhoea, disturbed vision (blurred vision, changes in colour perception or field of vision, total blindness), headache, feeling or being sick, ringing in the ears or impaired hearing, rashes, loss of consciousness, fits, shock due to heart problems, irregular heart beats, death. If these occur while taking Quinine Sulfate tablets for leg cramps, treatment should be stopped and a doctor contacted straight away.
- changes to blood cells as seen in blood or urine tests, if you notice that you are bruising or bleeding easily, have frequent nose bleeds, or you have more sore throats and infections than usual tell your doctor who may want to give you a blood test.

**Tell your doctor if you notice any of the following side effects or notice any other effects not listed:**

- diarrhoea, feeling or being sick, abdominal pain, low blood sugar.
- muscle weakness, excitement, agitation, 'spinning sensation', confusion, loss of consciousness, coma, death.
- headache, changes in vision, 'ringing' in the ears, loss of hearing.
- swollen, itchy, flaky, red or raised patches of skin, rashes, sensitivity to light.
- aggravation of Myasthenia gravis (disorder characterised by muscle weakness, difficulty chewing or swallowing and slurred speech).
- kidney damage, kidney failure, low production of urine, water retention, slowed heart rate, changes in heart rhythm and the

way the heart beats, a fall in blood pressure and weak pulse rate, eczema, miscarriages (at very high concentrations), difficulty breathing or wheezing, tightness in chest.

#### Reporting of side effects

If you get any side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. You can also report side effects directly via the Yellow Card Scheme at: [www.mhra.gov.uk/yellowcard](http://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 Quinine Sulfate tablets

- Keep this medicine out of the sight and reach of children
- Tablet Containers: Do not store above 25°C. Store in the original container. Keep the container tightly closed. Blister cartons: Do not store above 25°C. Store in the original package. Keep the blister in the outer carton.
- Do not use tablets after the expiry date shown on the label or carton. The expiry date refers to the last day of that month.
- 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 Quinine Sulfate tablets contain

- The active substance is Quinine Sulfate. Each tablet contains 300mg Quinine Sulfate.
- The other ingredients are Lactose, Colloidal Silicon Dioxide, Potato Starch, Magnesium Stearate, Sodium Starch Glycolate (Type A), Sodium Lauryl Sulfate, Gelatin, Talc, Sucrose and Titanium Dioxide (E171) and Carnauba Wax.

#### What Quinine Sulfate tablets look like and the contents of the pack

- The tablets are bi-convex, white and sugar coated.
- The tablets are supplied in packs of 28, 56 or 500 tablets. Not all pack sizes may be marketed.

#### Marketing Authorisation Holder and Manufacturer

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#### Quinine Sulfate 300 mg Tablets; PL 17907/0011

#### This leaflet was last revised in April 2019.

To request a copy of this leaflet in Braille, large print or audio format, contact the marketing authorisation holder at the address (or telephone, fax, e-mail) above.