

Package leaflet: Information for the user

Tadalafil 20 mg film-coated tablets tadalafil

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 of the 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 Tadalafil is and what it is used for
2. What you need to know before you take Tadalafil
3. How to take Tadalafil
4. Possible side effects
5. How to store Tadalafil
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1. What Tadalafil is and what it is used for

Tadalafil contains the active substance tadalafil.

Tadalafil is a treatment for pulmonary arterial hypertension in adults and in children aged 2 years and above.

It belongs to a group of medicines called phosphodiesterase type 5 (PDE5) inhibitors which work by helping the blood vessels around your lungs relax, improving the flow of blood into your lungs. The result of this is an improved ability to do physical activity.

2. What you need to know before you take Tadalafil

Do not take Tadalafil

- if you are allergic to tadalafil or any of the other ingredients (see section 6).
- if you are taking any form of nitrates such as amyl nitrite, used in the treatment of chest pain. Tadalafil has been shown to increase the effects of these medicines. If you are taking any form of nitrate or are unsure tell your doctor.
- if you have ever had loss of vision – a condition described as “stroke of the eye” (non-arteritic anterior ischemic optic neuropathy - NAION).
- if you have had a heart attack in the last 3 months.
- if you have low blood pressure.
- if you are taking riociguat. This medicine is used to treat pulmonary arterial hypertension (i.e., high blood pressure in the lungs) and chronic thromboembolic pulmonary hypertension (i.e., high blood pressure in the lungs secondary to blood clots). PDE5 inhibitors, such as tadalafil, have been shown to increase the hypotensive effects of this medicine. If you are taking riociguat or are unsure tell your doctor.

Warnings and precautions

Talk to your doctor before taking tadalafil.

Before taking the tablets, tell your doctor if you have:

- any heart problems other than your pulmonary hypertension
- problems with your blood pressure- any hereditary eye disease
- an abnormality of red blood cells (sickle cell anaemia)

- cancer of the bone marrow (multiple myeloma)
- cancer of the blood cells (leukaemia)
- any deformation of your penis, or unwanted or persistent erections lasting more than 4 hours
- a serious liver problem
- a serious kidney problem.

If you experience sudden decrease or loss of vision or your vision is distorted, dimmed while you are taking tadalafil, stop taking tadalafil and contact your doctor immediately.

Decreased or sudden hearing loss has been noted in some patients taking tadalafil. Although it is not known if the event is directly related to tadalafil, if you experience decreased or sudden hearing loss, contact your doctor immediately.

Children and adolescents

Tadalafil is not recommended for the treatment of pulmonary arterial hypertension in children under 2 years of age because it has not been studied in this age group.

Other medicines and Tadalafil

Tell your doctor if you are taking, have recently taken or might take any other medicines. Do NOT take these tablets if you are already taking nitrates.

Some medicines may be affected by tadalafil or they may affect how well tadalafil will work.

Tell your doctor or pharmacist if you are already taking:

- bosentan (another treatment for pulmonary arterial hypertension)
- nitrates (for chest pain)
- alpha blockers used to treat high blood pressure or prostate problems
- riociguat
- rifampicin (to treat bacterial infections)
- ketoconazole tablets (to treat fungal infections)
- ritonavir (for HIV treatment)
- tablets for erectile dysfunction (PDE5 inhibitors).

Tadalafil with alcohol

Drinking alcohol may temporarily lower your blood pressure. If you have taken or are planning to take tadalafil, avoid excessive drinking (over 5 units of alcohol), since this may increase the risk of dizziness when standing up.

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. Do not take tadalafil when pregnant, unless it is strictly necessary and you have discussed this with your doctor.

Do not breast-feed while taking these tablets as it is not known if the medicine passes into human breast milk. Ask your doctor or pharmacist for advice before taking any medicine while pregnant or breast-feeding.

When dogs were treated there was reduced sperm development in the testes. A reduction in sperm was seen in some men. These effects are unlikely to lead to a lack of fertility.

Driving and using machines

Dizziness has been reported. Check carefully how you react to this medicine before driving or using any machinery.

Tadalafil contains lactose

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

Tadalafil contains sodium

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

3. How to take Tadalafil

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

Tadalafil is supplied as a 20 mg tablet. Swallow the tablet(s) whole with a drink of water. The tablet(s) can be taken with or without food.

Pulmonary arterial hypertension in adults

The usual dose is two 20 mg tablets taken once a day. You should take both tablets at the same time, one after the other. If you have a mild or moderate liver or kidney problem, your doctor may advise you to take only one 20 mg tablet per day.

Pulmonary arterial hypertension in children (age 2 years and above) weighing at least 40 kg

The recommended dose is two 20 mg tablets taken once a day. Both tablets should be taken at the same time, one after the other. If you have a mild or moderate liver or kidney problem, your doctor may advise you to take only one 20 mg tablet per day.

Pulmonary arterial hypertension in children (age 2 years and above) weighing less than 40 kg

The recommended dose is one 20 mg tablet taken once a day. If you have a mild or moderate liver or kidney problem, your doctor may advise you to take 10 mg once per day.

Other form(s) of this medicine may be more suitable for children; ask your doctor or pharmacist.

If you take more Tadalafil than you should

If you or anyone else takes more tablets than they should, tell your doctor or go to a hospital immediately, taking the medicine or pack with you. You may experience any of the side effects described in section 4.

If you forget to take Tadalafil

Take your dose as soon as you remember if it is within 8 hours of when you should have taken your dose. Do NOT take a double dose to make up for the one that you have forgotten.

If you stop taking Tadalafil

Do not stop taking your tablets, unless advised otherwise by your doctor.

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. These effects are normally mild to moderate in nature.

If you experience any of the following side effects stop using the medicine and seek medical help immediately:

- allergic reactions including skin rashes (frequency common).
- chest pain - do not use nitrates, but seek immediate medical assistance (frequency common).
- priapism, a prolonged and possibly painful erection after taking tadalafil (frequency uncommon). If you have such an erection, which lasts continuously for more than 4 hours you should contact a doctor immediately.

- sudden loss of vision (rarely reported), distorted, dimmed, blurred central vision or sudden decrease of vision (frequency not known).

The following side effects have been very commonly reported in patients taking tadalafil (may affect more than 1 in 10 people): headache, flushing, nasal and sinus congestion (blocked nose), nausea, indigestion (including abdominal pain or discomfort), muscle aches, back pain and pain in the extremity (including limb discomfort)

Other side effects have been reported:

Common (may affect up to 1 in 10 people)

- blurred vision, low blood pressure, nosebleed, vomiting, increased or abnormal uterine bleeding, swelling of the face, acid reflux, migraine, irregular heartbeat and fainting.

Uncommon (may affect up to 1 in 100 people)

- seizures, passing memory loss, hives, excessive sweating, penile bleeding, presence of blood in semen and/or urine, high blood pressure, fast heart rate, sudden cardiac death and ringing in the ears.

PDE5 inhibitors are also used for the treatment of erectile dysfunction in men. Some side effects have been rarely reported:

- Partial, temporary or permanent decrease or loss of vision in one or both eyes and serious allergic reaction which causes swelling of the face or throat. Sudden decrease or loss of hearing has also been reported.

Some side effects have been reported in men taking tadalafil for the treatment of erectile dysfunction. These events were not seen in clinical trials for pulmonary arterial hypertension and therefore frequency is unknown:

- swelling of the eyelids, eye pain, red eyes, heart attack and stroke.

Some additional rare side effects have been reported in men taking tadalafil that were not seen in clinical trials. These include:

- distorted, dimmed, blurred central vision or sudden decrease of vision (frequency not known).

Most but not all of those men reporting fast heart rate, irregular heartbeat, heart attack, stroke and sudden cardiac death had known heart problems before taking tadalafil. It is not possible to determine whether these events were related directly to tadalafil.

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 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 Tadalafil

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

This medicine 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 Tadalafil contains

The active substance is tadalafil.

Each film-coated tablet contains 20 mg of tadalafil.

The other ingredients are:

Tablet core: Lactose monohydrate, copovidone, silica colloidal anhydrous, macrogolglycerol hydroxystearate, cellulose microcrystalline, croscarmellose sodium & magnesium stearate

Film-coating: Hypromellose (E464), lactose monohydrate, titanium dioxide (E171), triacetin & talc (E553b)

What Tadalafil looks like and contents of the pack

White colour, capsule shaped, biconvex, film coated tablets debossed with 'T15' on one side and 'H' on the other side.

Dimensions: Approximate 12.2 mm X 6.1 mm

Blister pack containing 28 & 56 film-coated tablets.

Not all pack sizes may be marketed.

Marketing Authorisation Holder and Manufacturer

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