

Package leaflet: Information for the patient

Tenormin[®] Injection 0.5 mg/ml

atenolol

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

1. What Tenormin is and what it is used for

Tenormin contains a medicine called atenolol. This belongs to a group of medicines called beta-blockers. Tenormin is used to:

- Treat uneven heart beats (arrhythmias).
- Protect the heart in the early treatment after a heart attack (myocardial infarction).

It works by making your heart beat more slowly and with less force.

2. What you need to know before you have Tenormin

Do not have Tenormin:

- If you are allergic to atenolol or any of the other ingredients in your medicine (see Section 6: Further information).
- If you have ever had any of the following heart problems:
 - heart failure which is not under control (this usually makes you breathless and causes your ankles to swell)
 - second- or third-degree heart block (a condition which may be treated by a pacemaker)
 - very slow or very uneven heart beats, very low blood pressure or very poor circulation.
- If you have a tumour called phaeochromocytoma that is not being treated. This is usually near your kidney and can cause high blood pressure. If you are being treated for phaeochromocytoma, your doctor will give you another medicine, called an alpha-blocker, to take as well as your Tenormin.

- If you have been told that you have higher than normal levels of acid in your blood (metabolic acidosis).

Do not have Tenormin if any of the above apply to you. If you are not sure, talk to your doctor or pharmacist before having Tenormin.

Warnings and precautions

Talk to your doctor or pharmacist before having Tenormin if:

- **You have asthma, wheezing or any other similar breathing problems, or you get allergic reactions, for example to insect stings. If you have ever had asthma or wheezing, do not take this medicine without first checking with your doctor.**
- You have a type of chest pain (angina) called Prinzmetal's angina.
- You have poor blood circulation or controlled heart failure.
- You have first-degree heart block.
- You have diabetes. Your medicine may change how you respond to having low blood sugar. You may feel your heart beating faster.
- You have thyrotoxicosis (a condition caused by an overactive thyroid gland). Your medicine may hide the symptoms of thyrotoxicosis.
- You have problems with your kidneys. You may need to have some check-ups during your treatment.

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

Other medicines and Tenormin

Tell your doctor or pharmacist if you are taking, have recently taken or might take any other medicines. This includes medicines that you buy without a prescription and herbal medicines. This is because Tenormin can affect the way some other medicines work and some medicines can have an effect on Tenormin.

In particular, tell your doctor if you are taking any of the following medicines:

- Clonidine (for high blood pressure or migraine). If you are taking clonidine and Tenormin together, do not stop taking clonidine unless your doctor tells you to do so. If you have to stop taking clonidine, your doctor will give you careful instructions about how to do it.
- Verapamil, diltiazem and nifedipine (for high blood pressure or chest pain).
- Disopyramide, quinidine or amiodarone (for an uneven heart beat).
- Digoxin (for heart problems).
- Adrenaline, also known as epinephrine (a medicine that stimulates the heart).
- Ibuprofen or indometacin (for pain and inflammation).
- Insulin or medicines that you take by mouth for diabetes.
- Medicines to treat nose or sinus congestion or other cold remedies (including those you can buy in the pharmacy).

Operations

If you go into hospital to have an operation, tell the anaesthetist or medical staff that you are having Tenormin. This is because you can get low blood pressure (hypotension) if you are given certain anaesthetics while you are having Tenormin.

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.

Driving and using machines

- Your medicine is not likely to affect you being able to drive or use any tools or machines. However, it is best to wait to see how your medicine affects you before trying these activities.
- If you feel dizzy or tired when having this medicine, do not drive or use any tools or machines.

3. How to have Tenormin

This medicine will be given to you by a doctor or nurse. It will be given to you as an injection. The dose depends on your illness, and how bad it is, your age and weight and how well your kidneys are working.

Use in children

This medicine must not be given to children.

If you have more Tenormin than you should

If you think you have been given too much of this medicine, talk to your doctor or nurse straight away.

If you forget to have Tenormin

If you think you have not had a dose at the right time, talk to your doctor or nurse straight away.

If you stop having Tenormin

Your doctor or nurse will let you know when to stop having this medicine.

4. Possible side effects

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

Allergic reactions:

If you have an allergic reaction, see a doctor straight away. The signs may include raised lumps on your skin (weals) or swelling of your face, lips, mouth, tongue or throat.

Other possible side effects:

Common (may affect up to 1 in 10 people)

- You may notice that your pulse rate becomes slower while you are having the injection. This is normal, but if you are concerned please tell your doctor about it.
- Cold hands and feet.
- Diarrhoea.
- Feeling sick (nausea).

- Feeling tired.

Uncommon (may affect up to 1 in 100 people)

- Disturbed sleep.

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

- Heart block (which may cause an abnormal heart beat, dizziness, tiredness or fainting).
- Numbness and spasm in your fingers which is followed by warmth and pain (Raynaud's disease).
- Mood changes.
- Nightmares.
- Feeling confused.
- Changes in personality (psychoses).
- Hallucinations.
- Headache.
- Dizziness, particularly when standing up.
- Tingling of your hands.
- Being unable to get an erection (impotence).
- Dry mouth.
- Dry eyes.
- Disturbances of vision.
- Thinning of your hair.
- Skin rash.
- Reduced numbers of platelets in your blood (this may make you bruise more easily).
- Purplish marks on your skin.
- Jaundice (causing yellowing of your skin or the whites of your eyes).

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

- Changes to some of the cells or other parts of your blood. Your doctor may take blood samples every so often to check whether Tenormin has had any effect on your blood.

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

- Lupus-like syndrome (a disease where the immune system produces antibodies that attacks mainly skin and joints).

Conditions that may get worse

If you have any of the following conditions, they may get worse when you start to take your medicine. This happens rarely affecting less than 1 in 1,000 people.

- Psoriasis (a skin condition).
- Being short of breath or having swollen ankles (if you have heart failure).
- Asthma or breathing problems.
- Poor circulation.

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 the 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 Tenormin

- The doctor and hospital pharmacist are responsible for storing, using and disposing of Tenormin correctly.
- Keep this medicine out of sight and reach of children.
- Do not use this medicine after the expiry date which is stated on the ampoule label and carton. The expiry date refers to the last day of that month.
- Do not store above 25°C. Store your medicine in the original package. Keep the ampoules in the carton.

6. Contents of the pack and other information

What Tenormin contains

The active substance is atenolol. Tenormin contains 5 mg (milligrams) of atenolol in 10 ml (millilitres) of injection.

The other ingredients are citric acid, sodium chloride, sodium hydroxide and water for injection.

What Tenormin looks like and contents of the pack

Tenormin Injection 0.5 mg/ml is a clear, colourless solution in a clear glass ampoule. It comes in a pack containing 10 ampoules. Each ampoule contains 10 ml of solution.

Marketing Authorisation Holder and Manufacturer

The Marketing Authorisation for Tenormin Injection 0.5 mg/ml is held by AstraZeneca UK Limited, 600 Capability Green, Luton, LU1 3LU, UK.

Tenormin Injection 0.5 mg/ml is manufactured by Cenexi, 52 Rue Marcel et Jacques Gaucher 94120 Fontenay-sous-Bois, France.

To listen to or request a copy of this leaflet in Braille, large print or audio please call, free of charge:

0800 198 5000 (UK only)

Please be ready to give the following information:

Product name	Tenormin Injection 0.5 mg/ml
Reference number	17901/0050

This is a service provided by the Royal National Institute of Blind People.

This leaflet was revised in August 2019.

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