

Package leaflet: Information for the user
Cozaar® 100mg film-coated tablets
(losartan potassium)

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 of the side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. See section 4.

The name of your medicine is Cozaar 100mg film-coated tablets but it will be referred as Cozaar throughout this leaflet. Please note that this leaflet also contains information about the other strengths: Cozaar 12.5mg, 25mg and 50mg film-coated tablets.

What is in this leaflet

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

1. What Cozaar is and what it is used for

Losartan (Cozaar) belongs to a group of medicines known as angiotensin-II receptor antagonists. Angiotensin-II is a substance produced in the body which binds to receptors in blood vessels, causing them to tighten. This results in an increase in blood pressure. Losartan prevents the binding of angiotensin-II to these receptors, causing the blood vessels to relax which in turn lowers the blood pressure. Losartan slows the decrease of kidney function in patients with high blood pressure and type 2 diabetes.

Cozaar is used

- to treat patients with high blood pressure (hypertension) in adults and in children and adolescents 6 – 18 years of age
- to protect the kidney in hypertensive type 2 diabetic patients with laboratory evidence of impaired renal function and proteinuria $\geq 0.5\text{g}$ per day (a condition in which urine contains an abnormal amount of protein).
- to treat patients with chronic heart failure when therapy with specific medicines called angiotensin-converting-enzyme inhibitors (ACE inhibitors, medicine used to lower high blood pressure) is not considered suitable by your doctor. If your heart failure has been stabilised with an ACE inhibitor you should not be switched to losartan.
- in patients with high blood pressure and a thickening of the left ventricle, Cozaar has been shown to decrease the risk of stroke ("LIFE indication").

2. What you need to know before you take Cozaar

Do not take Cozaar:

- if you are allergic to losartan or to any of the other ingredients of this medicine (listed in section 6),
- if you are more than 3 months pregnant. (it is also better to avoid Cozaar in early pregnancy - see 'Pregnancy'),
- if your liver function is severely impaired.
- if you have diabetes or impaired kidney function and are taking a medicine called aliskiren to reduce blood pressure.

Warnings and precautions

Talk to your doctor, pharmacist or nurse before taking Cozaar.

You must tell your doctor if you think you are (or might become) pregnant. Cozaar is not recommended in early pregnancy, and must not be taken if you are more than 3 months pregnant, as it may cause serious harm to your baby if used at that stage (see 'Pregnancy' section).

It is important to tell your doctor before taking Cozaar:

- if you have had a history of angioedema (swelling of the face, lips, throat, and/or tongue) (see also section 4 'Possible side effects'),
- if you suffer from excessive vomiting or diarrhoea leading to an extreme loss of fluid and/or salt in your body,
- if you receive diuretics (medicines that increase the amount of water that you pass out through your kidneys) or are under dietary salt restriction leading to an extreme loss of fluid and salt in your body (see section 3 'Dosage in special patient groups'),
- if you are known to have narrowing or blockage of the blood vessels leading to your kidneys or if you have received a kidney transplant recently,
- if your liver function is impaired (see sections 2 'Do not take Cozaar' and 3 'Dosage in special patient groups'),
- if you suffer from heart failure with or without renal impairment or concomitant severe life threatening cardiac arrhythmias. Special caution is necessary when you are treated with a β -blocker concomitantly,
- if you have problems with your heart valves or heart muscle,
- if you suffer from coronary heart disease (caused by a reduced blood flow in the blood vessels of the heart) or from cerebrovascular disease (caused by a reduced blood circulation in the brain),
- if you suffer from primary hyperaldosteronism (a syndrome associated with increased secretion of the hormone aldosterone by the adrenal gland, caused by an abnormality within the gland).
- if you are taking a medicine called aliskiren to reduce blood pressure.

Children and adolescents

Cozaar has been studied in children. For more information, talk to your doctor.

Cozaar is not recommended for use in children suffering from kidney or liver problems, as limited data are available in these patient groups. Cozaar is not recommended for use in children under 6 years old, as it has not been shown to work in this age group.

Other medicines and Cozaar

Tell your doctor or pharmacist if you are taking, have recently taken, or might take any other medicines. Take particular care if you are taking the following medicines while under treatment with Cozaar:

- other blood pressure lowering medicines as they may additionally reduce your blood pressure. Blood pressure may also be lowered by one of the following drugs/ class of drugs: tricyclic antidepressants, antipsychotics, baclofene, amifostine,
- medicines which retain potassium or may increase potassium levels (e.g. potassium supplements, potassium-containing salt substitutes or potassium-sparing medicines such as certain diuretics [amiloride, triamterene, spironolactone] or heparin),
- non-steroidal anti-inflammatory drugs such as indomethacin, including cox-2-inhibitors (medicines that reduce inflammation, and can be used to help relieve pain) as they may reduce the blood pressure lowering effect of losartan.

If your kidney function is impaired, the concomitant use of these medicines may lead to a worsening of the kidney function.

Lithium containing medicines should not be taken in combination with losartan without close supervision by your doctor. Special precautionary measures (e.g. blood tests) may be appropriate.

Cozaar with food and drink

Cozaar may be taken with or without food.

Pregnancy and breast-feeding

Pregnancy

You must tell your doctor if you think you are (or might become) pregnant. Your doctor will normally advise you to stop taking Cozaar before you become pregnant or as soon as you know you are pregnant and will advise you to take another medicine instead of Cozaar. Cozaar is not recommended in early pregnancy, and must not be taken when more than 3 months pregnant, as it may cause serious harm to your baby if used after the third month of pregnancy.

Breast-feeding

Tell your doctor if you are breast-feeding or about to start breast-feeding. Cozaar is not recommended for mothers who are breast-feeding, and your doctor may choose another treatment for you if you wish to breast-feed. Especially if your baby is a newborn, or born prematurely.

Ask your doctor or pharmacist for advice before taking this medicine.

Driving and using machines

No studies on the effects on the ability to drive and use machines have been performed. Cozaar is unlikely to affect your ability to drive or use machines. However, as with many other medicines used to treat high blood pressure, losartan may cause dizziness or drowsiness in some people. If you experience dizziness or drowsiness, you should consult your doctor before attempting such activities.

Cozaar contains lactose

Cozaar 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 medicine.

3. How to take Cozaar

Always take this medicine exactly as your doctor or pharmacist has told you. Check with your doctor or pharmacist if you are not sure. Your doctor will decide on the appropriate dose of Cozaar, depending on your condition and whether you are taking other medicines. It is important to continue taking Cozaar for as long as your doctor prescribes it in order to maintain smooth control of your blood pressure.

Adult patients with High Blood Pressure

Treatment usually starts with 50mg losartan (one tablet Cozaar 50mg) once a day. The maximal blood pressure lowering effect should be reached 3-6 weeks after beginning treatment. In some patients the dose may later be increased to 100mg losartan (two tablets Cozaar 50mg or one tablet of Cozaar 100mg) once daily.

If you have the impression that the effect of losartan is too strong or too weak, please talk to your doctor or pharmacist.

Use in children and adolescents

Children below 6 years of age

Cozaar is not recommended for use in children under 6 years old, as it has not been shown to work in this age group.

Children aged 6-18 years old

The recommended starting dose in patients who weigh between 20 and 50kg is 0.7mg of losartan per kg of body weight administered once a day (up to 25mg of Cozaar). The doctor may increase the dose if blood pressure is not controlled.

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

Adult patients with high blood pressure and Type 2 diabetes

Treatment usually starts with 50mg losartan (one tablet Cozaar 50mg) once a day. The dose may later be increased to 100mg losartan (two tablets Cozaar 50mg or one tablet of Cozaar 100mg) once daily depending on your blood pressure response.

Losartan may be administered with other blood pressure lowering medicines (e.g. diuretics, calcium channel blockers, alpha- or beta-blockers, and centrally acting agents) as well as

with insulin and other commonly used medicines that decrease the level of glucose in the blood (e.g. sulfonylureas, glitazones and glucosidase inhibitors).

Adult patients with Heart Failure

Treatment usually starts with 12.5mg losartan (one tablet Cozaar 12.5mg) once a day. Generally, the dose should be increased weekly step-by-step (i.e., 12.5mg daily during the first week, 25mg daily during the second week, 50mg daily during the third week, 100mg daily during the fourth week, 150mg daily during the fifth week) up to the maintenance dose as determined by your physician. A maximum dose of 150mg losartan (for example, three tablets of Cozaar 50mg or one tablet each of Cozaar 100mg and Cozaar 50mg) once daily may be used.

In the treatment of heart failure, losartan is usually combined with a diuretic (medicine that increases the amount of water that you pass out through your kidneys) and/or digitalis (medicine that helps to make the heart stronger and more efficient) and/or a beta-blocker.

Dosage in special patient groups

The doctor may advise a lower dose, especially when starting treatment in certain patients such as those treated with diuretics in high doses, in patients with liver impairment, or in patients over the age of 75 years. The use of losartan is not recommended in patients with severe hepatic impairment (see section 'Do not take Cozaar').

Administration

The tablets should be swallowed with a glass of water. You should try to take your daily dose at about the same time each day. It is important that you continue to take Cozaar until your doctor tells you otherwise.

If you take more Cozaar than you should

If you accidentally take too many tablets, contact your doctor immediately. Symptoms of overdose are low blood pressure, increased heartbeat, possibly decreased heartbeat.

If you forget to take Cozaar

If you accidentally miss a daily dose, just take the next dose as normal. Do not take a double dose to make up for a forgotten tablet. If you have any further questions on the use of this medicine, ask your doctor, pharmacist or nurse.

4. Possible side effects

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

If you experience the following, stop taking losartan tablets and tell your doctor immediately or go to the casualty department of your nearest hospital:

A severe allergic reaction (rash, itching, swelling of the face, lips, mouth or throat that may cause difficulty in swallowing or breathing).

This is a serious but rare side effect, which affects more than 1 out of 10,000 patients but fewer than 1 out of 1,000 patients. You may need urgent medical attention or hospitalisation.

The following side effects have been reported with Cozaar:

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

- dizziness,
- low blood pressure (especially after excessive loss of water from the body within blood vessels e.g. in patients with severe heart failure or under treatment with high dose diuretics),
- dose-related orthostatic effects such as lowering of blood pressure appearing when rising from a lying or sitting position,
- debility,
- fatigue,
- too less sugar in the blood (hypoglycaemia),
- too much potassium in the blood (hyperkalaemia),
- changes in kidney function including kidney failure,
- reduced number of red blood cells (anaemia),
- increase in blood urea, serum creatinine and serum potassium in patients with heart failure.

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

- somnolence,
- headache,
- sleep disorders,
- feeling of increased heart rate (palpitations),
- severe chest pain (angina pectoris),
- shortness of breath (dyspnoea),
- abdominal pain,
- obstipation,
- diarrhoea,
- nausea,
- vomiting,
- hives (urticaria),
- itching (pruritus),
- rash,
- localised swelling (oedema),
- cough.

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

- hypersensitivity
- angiooedema
- inflammation of blood vessels (vasculitis including Henoch-Schönlein purpura),
- numbness or tingling sensation (paraesthesia),
- fainting (syncope),
- very rapid and irregular heartbeat (atrial fibrillation),
- brain attack (stroke),
- inflammation of the liver (hepatitis),
- elevated blood alanine aminotransferase (ALT) levels, usually resolved upon discontinuation of treatment.

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

- reduced number of thrombocytes,
- migraine,
- liver function abnormalities,

- muscle and joint pain,
- flu-like symptoms,
- back pain and urinary tract infection,
- increased sensitivity to the sun (photosensitivity),
- unexplained muscle pain with dark (tea-colored) urine (rhabdomyolysis),
- impotence,
- inflammation of the pancreas (pancreatitis),
- low levels of sodium in the blood (hyponatraemia),
- depression,
- generally feeling unwell (malaise),
- ringing, buzzing, roaring, or clicking in the ears (tinnitus)
- disturbed taste (dysgeusia).

Side effects in children are similar to those seen in adults.

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 HPRA Pharmacovigilance, Earlsfort Terrace, IRL - Dublin 2; Tel: +353 1 6764971; Fax: +353 1 6762517. Website: www.hpra.ie; E-mail: medsafety@hpra.ie. By reporting side effects you can help provide more information on the safety of this medicine.

5. How to store Cozaar

- Keep out of the sight and reach of children.
- Do not take your tablets after the expiry date which is stated on the label after 'Exp'. The date refers to the last day of that month
- Do not store above 25°C.
- Store in the original pack in order to protect from light and moisture.
Do not open the blister pack until you are ready to take the medicine.
- Medicines should not be disposed of via wastewater or household waste. Ask your pharmacist how to dispose of medicines no longer required. These measures will help to protect the environment.

6. Further information

What Cozaar contains

The active substance is losartan potassium. Each film-coated tablet contains 100mg losartan potassium.

The other ingredients are: microcrystalline cellulose (E460), lactose monohydrate, pregelatinized maize starch, magnesium stearate (E572), hydroxypropylcellulose (E463), hypromellose (E464), carnauba wax (E903) and titanium dioxide (E171). Cozaar contains potassium 8.48mg (0.216mEq)

What Cozaar looks like and contents of the pack

Cozaar is available as a white, teardrop shaped, film-coated tablets marked "960" on one side and plain on the other.

Cozaar is available in blister of PVC/PE/PVDC with aluminium foil in packs of 28 tablets.

Manufactured by: Merck Sharp & Dohme B.V., Waarderweg 39, 2031 BN Haarlem, The Netherlands.

Procured from within the EU and repackaged by the PPA holder: B&S Healthcare, Unit 4, Bradfield Road, Ruislip, Middlesex, HA4 0NU, UK.

Cozaar® 100mg film-coated tablets

PPA No: 1328/81/2

POM

This medicinal product is authorized in the Member States of the EEA under the following names:

Member State	Invented name
Austria	COSAAR 100 mg - Filmdtabletten
Belgium	COZAAR 100 mg
Belgium	LOORTAN 100 mg
Bulgaria	COZAAR
Cyprus	COZAAR
Czech Republic	COZAAR 100 mg film-coated tablets
Denmark	Cozaar
Estonia	COZAAR,
Finland	COZAAR 100 mg
France	COZAAR 100 mg film-coated tablets
Germany	LORZAAR 100 mg Filmdtabletten
Germany	LORZAAR PROTECT 100 mg Filmdtabletten
Greece	COZAAR
Hungary	COZAAR
Ireland	COZAAR 100 mg Film-coated Tablets
Italy	LORTAAN 100 mg compresse rivestite con film
Italy	NEO-LOTAN 100 mg compresse rivestite con film
Italy	LOSAPREX 100 mg compresse rivestite con film
Latvia	COZAAR 100 mg film-coated tablets
Lithuania	COZAAR (Losartan)
Luxembourg	COZAAR 100 mg
Luxembourg	LOORTAN 100 mg
Malta	COZAAR 100 mg film-coated tablets
Netherlands	COZAAR 100
Poland	COZAAR
Portugal	COZAAR 100 mg
Portugal	LORTAAN 100mg
Slovakia	COZAAR 100 mg
Slovenia	COZAAR 100 mg filmsko obložene tablete
Spain	COZAAR 100 mg
Sweden	COZAAR 100 mg filmdragerade tabletter
United Kingdom	COZAAR 100 mg film-coated tablets
Iceland	COZAAR
Norway	COZAAR

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