

Package leaflet: Information for the user

**Entresto® 6 mg/6 mg granules in capsules for opening
Entresto® 15 mg/16 mg granules in capsules for opening**
sacubitril/valsartan

Read all of this leaflet carefully before you (or your child) start taking this medicine because it contains important information.

- 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 (or your child) 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 (or your child) 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 Entresto is and what it is used for
2. What you need to know before you (or your child) take Entresto
3. How to take Entresto
4. Possible side effects
5. How to store Entresto
6. Contents of the pack and other information

1. What Entresto is and what it is used for

Entresto is a heart medicine containing an angiotensin receptor neprilysin inhibitor. It delivers two active substances, sacubitril and valsartan.

Entresto is used to treat a type of long-term heart failure in children and adolescents (one year and older).

This type of heart failure occurs when the heart is weak and cannot pump enough blood to the lungs and the rest of the body. The most common symptoms of heart failure are breathlessness, fatigue, tiredness and ankle swelling.

2. What you need to know before you (or your child) take Entresto

Do not take Entresto

- if you (or your child) are allergic to sacubitril, valsartan or any of the other ingredients of this medicine (listed in section 6).
- if you (or your child) are taking another type of medicine called an angiotensin converting enzyme (ACE) inhibitor (for example enalapril, lisinopril or ramipril), which is used to treat high blood pressure or heart failure. If you have been taking an ACE inhibitor, wait for 36 hours after taking the last dose before you start to take Entresto (see "Other medicines and Entresto").
- if you (or your child) have ever had a reaction called angioedema (rapid swelling under the skin in areas such as the face, throat, arms and legs which can be life threatening if throat swelling blocks the airway) when taking an ACE inhibitor or an angiotensin receptor blocker (ARB) (such as valsartan, telmisartan or irbesartan).
- if you (or your child) have a history of angioedema which is hereditary or for which the cause is unknown (idiopathic).
- if you (or your child) have diabetes or impaired kidney function and you are being treated with a blood pressure lowering medicine containing aliskiren (see "Other medicines and Entresto").
- if you (or your child) have severe liver disease.

- if you (or your child) are more than 3 months pregnant (see "Pregnancy and breast-feeding").
- If any of the above applies to you, do not take Entresto and talk to your doctor.**

Warnings and precautions

Talk to your doctor, pharmacist or nurse before or when taking Entresto:

- if you (or your child) are being treated with an angiotensin receptor blocker (ARB) or aliskiren (see "Do not take Entresto").
- if you (or your child) have ever had angioedema (see "Do not take Entresto" and section 4 "Possible side effects").
- if you experience abdominal pain, nausea, vomiting or diarrhoea after taking Entresto. Your doctor will decide on further treatment. Do not stop taking Entresto on your own.
- if you (or your child) have low blood pressure or are taking any other medicines that reduce your blood pressure (for example, a medicine that increases urine production (diuretic)) or are suffering from vomiting or diarrhoea, especially if you are aged 65 years or more, or if you have kidney disease and low blood pressure.
- if you (or your child) have kidney disease.
- if you (or your child) are suffering from dehydration.
- if your (or your child's) kidney artery has narrowed.
- if you (or your child) have liver disease.
- if you (or your child) experience hallucinations, paranoia or changes in sleeping pattern while taking Entresto.
- if you (or your child) have hyperkalaemia (high levels of potassium in the blood).
- if you (or your child) suffer from heart failure classified as NYHA class IV (unable to carry on any physical activity without discomfort and may have symptoms even when resting).

If any of the above applies to you, tell your doctor, pharmacist or nurse before you take Entresto.

Your doctor may check the amount of potassium and sodium in your blood at regular intervals during Entresto treatment. In addition, your doctor may check your blood pressure at start of treatment and when the doses are increased.

Children (below one year of age)

Use in children below one year of age is not recommended. There is limited experience on use in children in this age group. Entresto film-coated tablets are available for children who weigh more than 40 kg.

Other medicines and Entresto

Tell your doctor, pharmacist or nurse if you (or your child) are taking, have recently taken or might take any other medicines. It may be necessary to change the dose, to take other precautions, or even to stop taking one of the medicines. This is particularly important for the following medicines:

- ACE inhibitors. Do not take Entresto with ACE inhibitors. If you have been taking an ACE inhibitor, wait 36 hours after taking the last dose of the ACE inhibitor before starting to take Entresto (see "Do not take Entresto"). If you stop taking Entresto, wait 36 hours after taking your last dose of Entresto before starting an ACE inhibitor.
- other medicines used to treat heart failure or lower blood pressure, such as angiotensin receptor blockers or aliskiren (see "Do not take Entresto").
- some medicines known as statins that are used to lower high cholesterol levels (for example atorvastatin).
- sildenafil, tadalafil, vardenafil or avanafil, which are medicines used to treat erectile dysfunction or lung hypertension.
- medicines that increase the amount of potassium in the blood. These include potassium supplements, salt substitutes containing potassium, potassium-sparing medicines and heparin.
- painkillers of the type called non-steroidal anti-inflammatory medicines (NSAIDs) or selective cyclooxygenase-2 (Cox-2) inhibitors. If you are taking one of these, your doctor may want to

check your kidney function when starting or adjusting treatment (see "Warnings and precautions").

- lithium, a medicine used to treat some types of psychiatric illness.
- furosemide, a medicine belonging to the type known as diuretics, which are used to increase the amount of urine you produce.
- nitroglycerine, a medicine used to treat angina pectoris.
- some types of antibiotics (rifamycin group), ciclosporin (used to prevent rejection of transplanted organs) or antivirals such as ritonavir (used to treat HIV/AIDS).
- metformin, a medicine used to treat diabetes.

If any of the above applies to you, tell your doctor or pharmacist before you take Entresto.

Pregnancy and breast-feeding

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.

Pregnancy

You must tell your doctor if you think that you (or your child) are (or might become) pregnant. Your doctor will normally advise you to stop taking this medicine before you become pregnant or as soon as you know you are pregnant, and will advise you to take another medicine instead of Entresto.

This medicine 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 it is used after the third month of pregnancy.

Breast-feeding

Entresto is not recommended for mothers who are breast-feeding. Tell your doctor if you are breast-feeding or about to start breast-feeding.

Driving and using machines

Before you drive a vehicle, use tools or operate machines, or carry out other activities that require concentration, make sure you know how Entresto affects you. If you feel dizzy or very tired while taking this medicine, do not drive a vehicle, cycle or use any tools or machines.

Entresto contains sodium

This medicine contains less than 1 mmol sodium (23 mg) per 97 mg/103 mg dose, that is to say essentially 'sodium free'.

3. How to take Entresto

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 (or your child's) doctor will decide the starting dose based on body weight and other factors including previously taken medicines. The doctor will adjust the dose every 2-4 weeks until the best dose is found.

Entresto should be given twice a day (once in the morning and once in the evening).

See the instructions for use for how to prepare and take Entresto granules.

Patients taking Entresto can develop low blood pressure (dizziness, light-headedness), a high level of potassium in the blood (which would be detected when your doctor performed a blood test) or decreased kidney function. If this happens, your doctor may reduce the dose of any other medicine you (or your child) are taking, temporarily reduce the Entresto dose, or stop Entresto treatment completely.

If you take more Entresto than you should

If you (or your child) have accidentally taken too many Entresto granules, or if someone else has taken your granules, contact your doctor immediately. If you (or your child) experience severe dizziness and/or fainting, tell your doctor as quickly as possible and lie down.

If you (or your child) forget to take Entresto

It is advisable to take your medicine at the same time each day. However, if you (or your child) forget to take a dose, you should simply take the next one at the scheduled time. Do not take a double dose to make up for a forgotten dose.

If you (or your child) stop taking Entresto

Stopping your treatment with Entresto may cause your condition to get worse. Do not stop taking your medicine unless your doctor tells you to.

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.

Some side effects may be serious.

- Stop taking Entresto and seek immediate medical attention if you (or your child) notice any swelling of the face, lips, tongue and/or throat, which may cause difficulties in breathing or swallowing. These may be signs of angioedema (an uncommon side effect which may affect up to 1 in 100 people).

Other possible side effects:

If any of the side effects listed below becomes severe, tell your doctor or pharmacist.

Very common (may affect more than 1 in 10 people)

- low blood pressure, which can cause symptoms of dizziness and light-headedness (hypotension)
- high level of potassium in the blood, shown in a blood test (hyperkalaemia)
- decreased kidney function (renal impairment)
- Intestinal angioedema: a swelling in the gut presenting with symptoms like abdominal pain, nausea, vomiting and diarrhoea (a very rare side effect which may affect up to 1 in 10 000 people).

Common (may affect up to 1 in 10 people)

- cough
- dizziness
- diarrhoea
- low level of red blood cells, shown in a blood test (anaemia)
- tiredness (fatigue)
- (acute) inability of the kidney to work properly (renal failure)
- low level of potassium in the blood, shown in a blood test (hypokalaemia)
- headache
- fainting (syncope)
- weakness (asthenia)
- feeling sick (nausea)
- low blood pressure (dizziness, light-headedness) when switching from sitting or lying to standing position
- gastritis (stomach pain, nausea)
- spinning sensation (vertigo)
- low level of sugar in the blood, shown in a blood test (hypoglycaemia)

Uncommon (may affect up to 1 in 100 people)

- allergic reaction with rash and itching (hypersensitivity)
- dizziness when switching from sitting to standing position (dizziness postural)
- low level of sodium in the blood, shown in a blood test (hyponatraemia)

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

- seeing, hearing or feeling things that are not there (hallucinations)
- changes in sleeping pattern (sleep disorder)

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

- paranoia

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

- sudden involuntary muscle twitching (myoclonus)

Reporting of side effects

If you (or your child) 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 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 Entresto

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 temperature storage conditions.

Store in the original package in order to protect from moisture.

Do not use this medicine if you notice that the pack is damaged or shows signs of tampering.

Do not throw away any medicines via wastewater. 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 Entresto contains

- The active substances are sacubitril and valsartan.
 - Each Entresto 6 mg/6 mg granules in capsule for opening (granules in capsule) contains four granules equivalent to 6.1 mg sacubitril and 6.4 mg valsartan (as sacubitril valsartan sodium salt complex).
 - Each Entresto 15 mg/16 mg granules in capsule for opening (granules in capsule) contains ten granules equivalent to 15.18 mg sacubitril and 16.07 mg valsartan (as sacubitril valsartan sodium salt complex).
- The other ingredients of the granules are microcrystalline cellulose, hydroxypropylcellulose, magnesium stearate, silica colloidal anhydrous and talc.
- The ingredients of the film coat are basic butylated methacrylate copolymer, talc, stearic acid and sodium laurilsulfate (see end of section 2 under 'Entresto contains sodium').
- The ingredients of the capsule shell are hypromellose, titanium dioxide (E171), iron oxide (yellow) (E172) (Entresto 15 mg/16 mg only) and printing ink.
 - The ingredients of the printing ink are shellac, propylene glycol, iron oxide (red) (E172), ammonia solution (concentrated) and potassium hydroxide.

What Entresto looks like and contents of the pack

Entresto 6 mg/6 mg granules are white to slightly yellow in colour, round in shape, approximately 2 mm in diameter and provided in a capsule. The capsule consists of a white cap, marked "04" in red and a transparent body, marked "NVR" in red. An arrow is printed on both the body and the cap.
Entresto 15 mg/16 mg granules are white to slightly yellow in colour, round in shape, approximately 2 mm in diameter and provided in a capsule. The capsule consists of a yellow cap, marked "10" in red and a transparent body, marked "NVR" in red. An arrow is printed on both the body and the cap.

Entresto 6 mg/6 mg granules in capsules for opening and Entresto 15 mg/16 mg granules in capsules for opening are supplied in packs containing 60 capsules.

Marketing Authorisation Holder and Manufacturer

Novartis Pharmaceuticals UK Limited
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Instructions for use for Entresto 6 mg/6 mg granules in capsules for opening and Entresto 15 mg/16 mg granules in capsules for opening

To ensure that you use Entresto granules correctly for your child, it is important that you follow these instructions. Your doctor, pharmacist or nurse will show you how to do this. Ask one of them if you have any questions.

Entresto granules are contained within capsules and are available in two strengths: 6 mg/6 mg granules and 15 mg/16 mg granules. The capsules are packaged in blister cards. You may receive one or both strengths depending on the dose your child needs.

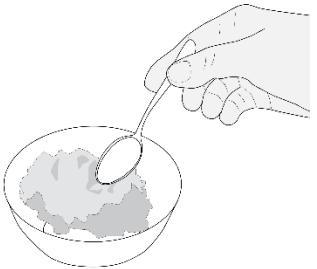
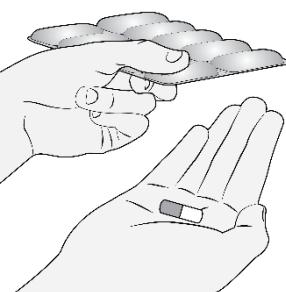
You can see the difference between the two strengths by the colour of the capsule cap and the imprint on it.

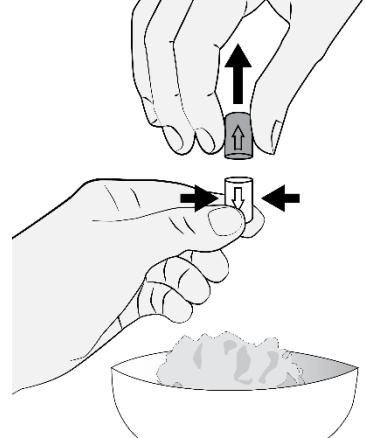
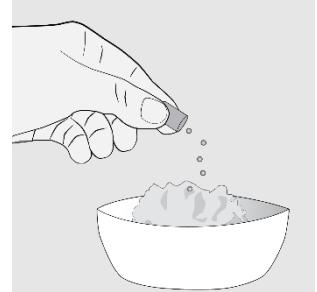
- The capsule containing the 6 mg/6 mg granules has a white cap with number 04 printed on it.
- The capsule containing the 15 mg/16 mg granules has a yellow cap with number 10 printed on it.

The capsules containing Entresto granules must be opened before use.

Do NOT swallow the whole capsule. Do NOT swallow the empty capsule shells.

If you use both strengths of Entresto granules, make sure you use the correct number of capsules of each strength as instructed by your doctor, pharmacist or nurse.

Step 1	<ul style="list-style-type: none">• Wash and dry your hands	
Step 2	<ul style="list-style-type: none">• Place the following items on a clean flat surface:<ul style="list-style-type: none">○ A small bowl, cup or spoon with a small amount of soft food the child likes.○ Blister card(s) with capsules containing Entresto granules.• Check that you have the correct strength(s) of Entresto granules.	
Step 3	<ul style="list-style-type: none">• Push the blister(s) to remove the capsule(s).	

Step 4	<p>To open the capsule:</p> <ul style="list-style-type: none"> • Hold the capsule upright (with the coloured cap on top) so that the granules are in the bottom of the capsule. • Hold the capsule over the soft food. • Gently pinch the middle of the capsule and pull slightly to separate the two ends of the capsule. Take care not to spill the contents. 	
Step 5	<ul style="list-style-type: none"> • Empty all of the granules from the capsule onto the food. • Make sure that you do not miss any granules. <p>Repeat steps 4 and 5 if you need more than one capsule to reach the prescribed dose.</p>	
Step 6	<p>Feed the food with the granules to the child immediately, making sure your child eats all of it.</p> <p>Make sure your child does not chew the granules to avoid change of taste.</p>	
Step 7	<p>Throw away the empty shells of the capsule.</p>	