

Calcium Chloride 10%w/v
Intravenous Infusion

Calcium Chloride dihydrate

Read all of this leaflet carefully before you are given 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.
- If you get any side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. See section 4.

This medicine will be referred to as Calcium Chloride Intravenous Infusion in the rest of this leaflet

What is in this leaflet

1. What Calcium Chloride Intravenous Infusion is and what it is used for
2. What you need to know before you use Calcium Chloride Intravenous Infusion
3. How Calcium Chloride Intravenous Infusion is given
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1. What Calcium Chloride Intravenous Infusion is and what it is used for

Calcium Chloride is a mineral salt, which is administered to increase the blood levels of Calcium in the body and to get the heart working where potassium levels are too high.

Calcium Chloride is used:

- as part of the resuscitation procedure following a cardiac arrest
- for the treatment of low calcium levels

2. Before Calcium Chloride Intravenous Infusion is given

DO NOT use Calcium Chloride Intravenous Infusion if:

- you are allergic to calcium salts or any other ingredients of this medicine (listed in section 6)
- you are taking medicines for heart problems (e.g. digitalis)
- you have low calcium levels due to kidney problems
- you have an excess of calcium present in either your blood or your urine
- you have breathing problems or dangerously fast heart beat (ventricular fibrillation)
- you suffer from high levels of vitamin D (disorder known as sarcoidosis)
- you have, or have ever had, kidney stones
- you have heart problems

Warnings and precautions

Talk to your doctor or pharmacist before being given Calcium Chloride Intravenous Infusion if:

- you have problems with your lungs or difficulty breathing

Your doctor may check the amount of electrolytes (e.g. calcium) in your blood at regular intervals.

The prefilled syringes must be used with compatible needle-free connectors (NFCs).

Using an incompatible NFC may lead to blockages, potentially delaying the delivery of emergency medication.

To avoid such issues, ensure compatible NFCs are procured in advance and stored together with the Aurum range of prefilled syringes. List of compatible NFCs can be found in the link below:

<https://ethypharm.co.uk/files/aurum-connector-compatibility-chart.pdf>

Other medicines and Calcium Chloride Intravenous Infusion:

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

Medicines that may interact with Calcium Chloride Intravenous Infusion include:

- medicines used in the treatment of some bone disorders (e.g. Paget's disease) (bisphosphonates) such as Fosamax
- medicines used to treat bacterial infections (antibiotics) e.g. tetracycline
- medicines used to reduce blood pressure and fluid retention (thiazides) e.g. indapamide
- medicines used to treat heart problems e.g. digitoxin
- calcium channel blockers used to treat problems related to the heart or blood vessels such as high blood pressure, angina or Raynaud's disease

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 using this medicine.

Driving and using machines

There is no known effect of Calcium Chloride Intravenous Infusion on driving or using machines.

3. How Calcium Chloride Intravenous Infusion is given

Your doctor or nurse will administer the injection slowly through a vein (intravenous).

Continued overleaf

This medicinal product is not intended to deliver volumes of less than 2ml.

Adults (including the elderly)

- in cases where your heart has stopped a single dose of 10ml will be given
- if you have recently developed low calcium levels about 3 - 7ml will be given. This may be repeated as required

Use in children

- not recommended

If you are given more Calcium Chloride Intravenous Infusion than you should be

As this medicine will be given to you whilst you are in hospital, it is unlikely that you will be given too little or too much. However, if you think you have been given too much of this medicine, please tell your doctor or nurse.

The signs of an overdose may be reduced appetite, feeling sick, being sick, constipation, muscle weakness, mental disturbances, feeling thirsty, urinate a lot, pain in your bones or kidney pain. In severe cases it could lead to your heart not beating properly and you could go into a coma.

4. Possible side effects

Like all medicines, Calcium Chloride Intravenous Infusion can cause side effects, although not everybody gets them.

Possible side effects include:

- a chalky taste in the mouth
- hot flushes
- lowered blood pressure
- loss of appetite
- feeling sick (nausea)
- being sick (vomiting)
- constipation
- stomach pain
- feeling weak
- mental disturbances
- extreme thirst
- passing a large amount of urine
- bone pain
- calcium deposits in the kidney
- kidney stones
- irregular heart beat
- coma
- blood clot in the vein
- high blood pressure

If any of these side effects get serious, or if you notice any side effects not listed in this leaflet please tell your doctor as soon as possible as this may be a sign of overly high calcium blood levels (hypercalcaemia).

Reporting of side effects

If you get any side effects, talk to your doctor or 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 Calcium Chloride Intravenous Infusion

Keep this medicine out of the sight and reach of children.

Store below 25°C.

Do not use after expiry date has passed. The doctor or nurse will check that the expiry date on the label has not passed before you are given Calcium Chloride Intravenous Infusion. The expiry date refers to the last day of that month.

Medicines should not be disposed of via wastewater or household waste. Ask your pharmacist how to dispose of medicine no longer required. These measures will help protect the environment.

6. Contents of the pack and other information

What Calcium Chloride Intravenous Infusion contains

The active ingredient is Calcium Chloride (1g). The other ingredients are: water for injections (10ml), dilute hydrochloric acid and calcium hydroxide solution (to adjust pH).

What Calcium Chloride Intravenous Infusion looks like and the contents of the pack.

The medication is supplied as a single 10ml prefilled syringe in a plastic box.

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