

Package leaflet: Information for the user

Clexane® Multidose Vial 30,000 IU (300 mg)/3 ml solution for injection

enoxaparin sodium

Read all of this leaflet carefully before you start using 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 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 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 Clexane Multidose Vial is and what it is used for
2. What you need to know before you use Clexane Multidose Vial
3. How to use Clexane Multidose Vial
4. Possible side effects
5. How to store Clexane Multidose Vial
6. Contents of the pack and other information

1. What Clexane Multidose Vial is and what it is used for

Clexane Multidose Vial contains the active substance called enoxaparin sodium that is a low molecular weight heparin (LMWH).

Clexane Multidose Vial works in two ways.

- 1) Stopping existing blood clots from getting any bigger. This helps your body to break them down and stops them from causing you harm
- 2) Stopping blood clots from forming in your blood.

Clexane Multidose Vial can be used to:

- Treat blood clots that are in your blood
- Stop blood clots from forming in your blood in the following situations:
 - Before and after an operation
 - When you have an acute illness and face period of limited mobility
 - When you have unstable angina (a condition when not enough blood gets to your heart)
 - After a heart attack
- Stop blood clots forming in the tubes of your dialysis machine (used for people with severe kidney problems).

2. What you need to know before you use Clexane Multidose Vial

Do not use Clexane Multidose Vial

- If you are allergic to enoxaparin sodium or any of the other ingredients of this medicine (listed in section 6). Signs of an allergic reaction include: rash, swallowing or breathing problems, swelling of your lips, face, throat or tongue.
- If you are allergic to heparin or other low molecular weight heparins such as nadroparin, tinzaparin or dalteparin.

- If you have had a reaction to heparin that caused a severe drop in the number of your clotting cells (platelets) - this reaction is called heparin-induced thrombocytopenia - within the last 100 days or if you have antibodies against enoxaparin in your blood.
- If you are bleeding heavily or have a condition with a high risk of bleeding (such as stomach ulcer, recent surgery of the brain or eyes), including recent bleeding stroke.
- If you are using Clexane Multidose Vial to treat blood clots in your body and going to receive spinal or epidural anaesthesia or lumbar puncture within 24 hours.
- If the patient is a premature or newborn baby up to 1 month because of the risk of severe toxicity including abnormal respiration (“gaspings syndrome”).

Warnings and precautions

Clexane Multidose Vial should not be used interchangeably with other medicines belonging to the group of low molecular weight heparins. This is because they are not exactly the same and do not have the same activity and instructions for use.

Talk to your doctor or pharmacist before using Clexane Multidose Vial if:

- you have ever had a reaction to heparin that caused a severe drop in the number of your platelets.
- you are going to receive spinal or epidural anesthesia or lumbar puncture (see Operations and Anaesthetics): a delay should be respected between Lovenox use and this procedure.
- you have had a heart valve fitted
- you have endocarditis (an infection of the inner lining of the heart)
- you have history of gastric ulcer
- you have had a recent stroke
- you have high blood pressure
- you have diabetes or problems with blood vessels in the eye caused by diabetes (called diabetic retinopathy)
- you have had an operation recently on your eyes or brain
- you are elderly (over 65 years old) and especially if you are over 75 years old
- you have kidney problems
- you have liver problems
- you are underweight or overweight
- you have high level of potassium in your blood (this may be checked with a blood test)
- are currently using medicines which affect bleeding (see section below – Other medicines).

You may have a blood test before you start using this medicine and at intervals while you are using it; this is to check the level of the clotting cells (platelets) and potassium in your blood.

Other medicines and Clexane Multidose Vial

Tell your doctor or pharmacist if you are taking or might take/use any other medicines.

- Warfarin – used for thinning the blood
- Aspirin (also known as acetylsalicylic acid or ASA), clopidogrel or other medicines used to stop blood clots from forming (see also in section 3, “Changing of anticoagulant medicine”)
- Dextran injection – used as a blood replacer
- Ibuprofen, diclofenac, ketorolac or other medicines known as non-steroidal anti-inflammatory agents which are used to treat pain and swelling in arthritis and other conditions
- Prednisolone, dexamethasone or other medicines used to treat asthma, rheumatoid arthritis and other conditions
- Medicines which increase potassium level in your blood such as potassium salts, water pills, some medicines for heart problems.

Operations and Anaesthetics

If you are going to have a spinal puncture or an operation where an epidural or spinal anaesthetic is used, tell your doctor that you are using Clexane Multidose Vial. See “Do not use Clexane Multidose Vial”. Also, tell your doctor if you have any problem with your spine or if you ever had spinal surgery.

Pregnancy and breastfeeding

If you are pregnant, think you may be pregnant or are planning to have a baby, ask your doctor or pharmacist for advice before taking this medicine.

If you are pregnant and have a mechanical heart valve, you may be at an increased risk of developing blood clots. Your doctor should discuss this with you.

If you are breast-feeding or plan to breast-feed, you should ask your doctor for advice before taking this medicine.

Important information about some of the ingredients of Clexane Multidose Vial

Clexane Multidose Vial contains benzyl alcohol (45 mg in 3.0 ml). This is a preservative. It may cause toxic and allergic reactions in infants up to 3 years old. It must not be used in premature babies or babies up to 1 month old due to the risk of severe toxicity including abnormal respiration. It is recommended to use the Clexane formulation without benzyl alcohol in pregnant women.

Driving and using machines

Clexane Multidose Vial does not affect the ability to drive and operate machinery.

It is advised that the trade name and batch number of the product you are using are recorded by your healthcare professional.

3. How to use Clexane Multidose Vial

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

Having this medicine

- Your doctor or nurse will normally give you Clexane Multidose Vial. This is because it needs to be given as an injection.
- Clexane Multidose Vial is usually given by injection underneath the skin (subcutaneous).
- Clexane Multidose Vial can be given by injection into your vein (intravenous) after certain types of heart attack or operation.
- Clexane Multidose Vial can be added to the tube leaving the body (arterial line) at the start of the dialysis session.

Do not inject Clexane Multidose Vial into a muscle.

How much will be given to you

- Your doctor will decide how much Clexane Multidose Vial to give you. The amount will depend on the reason it is being used.
- If you have problems with your kidneys you may be given a smaller amount of Clexane Multidose Vial.

1. Treating blood clots that are in your blood

- The usual dose is 150 IU (1.5 mg) for every kilogram of your weight each day or 100 IU (1 mg) for every kilogram of your weight twice a day.
- Your doctor will decide how long you should receive Clexane Multidose Vial.

2. Stopping blood clots forming in your blood in the following situations:

- ❖ *Operation or periods of limited mobility due to an illness*

- The dose will depend on how likely you are to develop a clot. You will be given 2,000 IU (20 mg) or 4,000 IU (40 mg) of Clexane Multidose Vial each day.
- If you are going to have an operation your first injection will be usually given 2 hours or 12 hours before your operation.
- If you have restricted mobility due to illness, you will normally be given 4,000 IU (40 mg) of Clexane Multidose Vial each day.
- Your doctor will decide how long you should receive Clexane Multidose Vial.

❖ *After you have had a heart attack*

Clexane Multidose Vial can be used for two different types of heart attack called STEMI (ST segment elevation myocardial infarction) or Non STEMI (NSTEMI). The amount of Clexane Multidose Vial given to you will depend on your age and the kind of heart attack you have had.

NSTEMI type of heart attack:

- The usual dose is 100 IU (1 mg) for every kilogram of weight every 12 hours.
- Your doctor will normally ask you to take aspirin (acetylsalicylic acid) as well.
- Your doctor will decide how long you should receive Clexane Multidose Vial.

STEMI type of heart attack if you are under 75 years old:

- An initial dose of 3,000 IU (30 mg) of Clexane Multidose Vial will be given as injection into your vein.
- At the same time you will also be given Clexane Multidose Vial as an injection underneath your skin (subcutaneous injection). The usual dose is 100 IU (1 mg) for every kilogram of your weight, every 12 hours.
- Your doctor will normally ask you to take aspirin (acetylsalicylic acid) as well.
- Your doctor will decide how long you should receive Clexane Multidose Vial.

STEMI type of heart attack if you are 75 years old or older:

- The usual dose is 75 IU (0.75 mg) for every kilogram of your weight, every 12 hours.
- The maximum amount of Clexane Multidose Vial given for the first two injections is 7,500 IU (75 mg).
- Your doctor will decide how long you should receive Clexane Multidose Vial.

For patients have an operation called percutaneous coronary intervention (PCI):

Depending on when you were last given Clexane Multidose Vial, your doctor may decide to give an additional dose of Clexane Multidose Vial before a PCI operation. This is by injection into your vein.

3. Stopping blood clots from forming in the tubes of your dialysis machine

- The usual dose is 100 IU (1 mg) for every kilogram of your weight.
- Clexane Multidose Vial is added to the tube leaving the body (arterial line) at the start of the dialysis session. This amount is usually enough for a 4-hour session. However, your doctor may give you a further dose of 50 IU to 100 IU (0.5 to 1 mg) for every kilogram of your weight, if necessary.

Changing of anticoagulant treatment

- *Changing from Clexane Multidose Vial to blood thinners called vitamin-K antagonists (e.g. warfarin)*
Your doctor will request you perform blood tests called INR and tell you when to stop Clexane Multidose Vial accordingly.
- *Changing from blood thinners called vitamin-K antagonists (e.g. warfarin) to Clexane Multidose Vial*

Stop taking the vitamin-K antagonist. Your doctor will request you perform blood tests called INR and tell you when to start Clexane Multidose Vial accordingly.

- *Changing from Clexane Multidose Vial to treatment with direct oral anticoagulant* Stop taking Clexane Multidose Vial. Start taking the direct oral anticoagulant 0-2 hours before the time you would have had the next injection, then continue as normal.
- *Changing from treatment with direct oral anticoagulant to Clexane Multidose Vial* Stop taking direct oral anticoagulant. Do not start treatment with Clexane Multidose Vial until 12 hours after the final dose of direct oral anticoagulant.

Use in children and adolescents

The safety and efficacy of Clexane Multidose Vial has not been evaluated in children or adolescents.

If you use more Clexane Multidose Vial than you should

If you think that you have used too much or too little Clexane Multidose Vial, tell your doctor, nurse or pharmacist immediately, even if you have no signs of a problem. If a child accidentally injects or swallows Clexane Multidose Vial, take them to a hospital casualty department straight away.

If you forget to use Clexane Multidose Vial

If you forget to give yourself a dose, have it as soon as you remember. Do not give yourself a double dose on the same day to make up for a forgotten dose. Keeping a diary will help to make sure you do not miss a dose.

If you stop using Clexane Multidose Vial

If you have any further questions on the use of this medicine, ask your doctor or pharmacist or nurse. It is important for you to keep having Clexane Multidose Vial injections until your doctor decides to stop them. If you stop, you could get a blood clot which can be very dangerous.

4. Possible side effects

Like other similar medicines (medicines to reduce blood clotting), Clexane Multidose Vial may cause bleeding which may potentially be life-threatening. In some cases the bleeding may not be obvious.

If you experience any bleeding event that does not stop by itself or if you experience signs of excessive bleeding (exceptional weakness, tiredness, paleness, dizziness, headache or unexplained swelling), consult your doctor immediately.

Your doctor may decide to keep you under closer observation or change your medicine.

Stop using Clexane Multidose Vial and talk to a doctor or nurse at once if you get any signs of a severe allergic reaction (such as difficulty breathing, swelling of the lips, mouth, throat or eyes).

You should tell your doctor straight away

- If you have any sign of blockage of a blood vessel by a blood clot such as:
 - cramping pain, redness, warmth, or swelling in one of your legs – these are symptoms of deep vein thrombosis
 - breathlessness, chest pain, fainting or coughing up blood – these are symptoms of a pulmonary embolism
- If you have a painful rash of dark red spots under the skin which do not go away when you put pressure on them.

Your doctor may request you perform a blood test to check your platelet count.

Overall list of possible side effects:

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

- Bleeding.
- Increases in liver enzymes.

Common (may affect up to 1 in 10 people)

- You bruise more easily than usual. This could be because of a blood problem with low platelet counts.
- Pink patches on your skin. These are more likely to appear in the area you have been injected with Clexane Multidose Vial.
- Skin rash (hives, urticaria).
- Itchy red skin.
- Bruising or pain at the injection site.
- Decreased red blood cell count.
- High platelet counts in the blood. Headache.

Uncommon (may affect up to 1 in 100 people)

- Sudden severe headache. This could be a sign of bleeding in the brain.
- A feeling of tenderness and swelling in your stomach. You may have bleeding in your stomach.
- Large red irregularly shaped skin lesions with or without blisters.
- Skin irritation (local irritation).
- You notice yellowing of your skin or eyes and your urine becomes darker in colour. This could be a liver problem.

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

- Severe allergic reaction. The signs may include: a rash, swallowing or breathing problems, swelling of your lips, face, throat or tongue.
- Increased potassium in your blood. This is more likely to happen in people with kidney problems or diabetes. Your doctor will be able to check this by carrying out a blood test.
- An increase in the number of eosinophils in your blood. Your doctor will be able to check this by carrying out a blood test.
- Hair loss.
- Osteoporosis (a condition where your bones are more likely to break) after long term use.
- Tingling, numbness and muscular weakness (particularly in the lower part of your body) when you have had a spinal puncture or a spinal anaesthetic.
- Lost of control over your bladder or bowel (so you cannot control when you go to the toilet).
- Hard mass or lump at the injection site.

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.

United Kingdom

You can also report side effects directly via the Yellow Card Scheme at:

www.mhra.gov.uk/yellowcard

Malta

You can also report side effects directly via ADR Reporting

www.medicinesauthority.gov.mt/adrportal

By reporting side effects you can help provide more information on the safety of this medicine.

5. How to store Clexane Multidose Vial

Store below 25°C. The contents of the vial should not be used for more than 28 days after opening.

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 label. 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 medicines no longer required. These measures will help protect the environment.

6. Contents of the pack and other information

What Clexane Multidose Vial contains

- The active substance is enoxaparin sodium.
- Each multidose vial contains 300mg (30 000 IU anti-Xa activity) of the active substance, enoxaparin sodium in 3ml.
- The other ingredients are benzyl alcohol (45mg/3ml) and water for injections.

What Clexane Multidose Vial looks like and contents of the pack

Clexane Multidose Vial contains a clear, colourless to slightly yellow solution, it is available as single glass vials only.

Marketing Authorisation Holder and Manufacturer

Marketing Authorisation Holder

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This leaflet does not contain all the information about your medicine. If you have any questions or are not sure about anything, ask your doctor or pharmacist.

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

Austria, France, Portugal: Lovenox.
Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Germany, Greece, Hungary, Ireland, Latvia, Lithuania, Luxembourg, Malta, Netherland, Poland, Romania, Slovak Republic, Slovenia, Spain, United Kingdom: Clexane.
Italy: Clexane T.
Denmark, Finland, Iceland, Norway, Sweden: Klexane.

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