Claforan® 1.0 g

n for solution for injection or infu

Read all of this leaflet carefully before you start using this m - Keep this leaflet. You may need to read it again.

- Keep Ihis Icallet, Vourhe any need to read it again.
 If you have any further questions, ask your doctor or pharmacist.
 This medicine has been prescribed for you personally. Do not sit on to others. It may have then, we end if their symptoms are nhe a pass it on to others. It may fine side effects become serious or, if you notice any side effect not listed in this leaflet, please tell your doctor or, if you propriamacy.

In this leaflet

- What Claforan is and v
 Before you use Clafora
 How to use Claforan
 Possible side effects
 How to store Claforan
 Further information

1. WHAT CLAFORAN IS AND WHAT IT IS USED FOR

Pharmaceutic group Claforan (an antibiotic from the group called cephalo used to fight bacteria.

Therapeutic indications
It is used to kill the bacteria that cause the following severe, acute and chronic

- nections: respiratory tract infections ear, nose and throat infections kidney and urinary tract infections skin and soft tissue infections bone and joint infections infections of the genitals, includ
- abdominal infer ons (including peritonitis)
- inflammation of the membran es surrounding the brain and spinal cord (meningitis)
- Internaginals (sepsis) load poisoning (sepsis) lalammation of the inner layer of the heart (endocarditis) yme disease (particularly stage II and III) (infection mainly transmitte kb bites) as well as in prevention of infections in a surgical context in attents with a high risk of infection.

2. BEFORE YOUR USE CLAFORAN

Contraindications Do not use Claforan in the following situat

- if you are allergic to cefotaxime or to one of the other ingredients of
- Clatoran. if you have known allergy to another cephalosporin. if you have ever had an acute or severe allergic reaction to p other beta lactam antibiotics. There may be cross-reactions penicillins and cephalosporins.

children under the age of 1 year.

Appropriate precautions for use ; special warnings Special caution is necessary when using Claforan in the follo

if you are allergic to penicillins or other beta lactam antibiotics in any way (for contraindications in patients with known allergic reactions, see "Claforan must not be used in the following situations" above).

- —if you are prone to allergic reactions (e.g. hay fever, bronchial asthma, hives or if you have ever had allergy, you have a high risk of serious (exceptionally even fata) allergic reactions. If you deeled a feeling of lightness in your chest, or if you feel dizzy, unwell or weak, it could be a sign of such an allergic reaction (see Section If you show a feet of the country If you have an allergic reaction, treatment must be stopped.
- if you notice changes in your skin or mucous membranes while using this treatment (see Section 4 "Possible side effects"), inform your doctor immediately, as Claforan can cause serious drug-induced skin reactions that require treat
- —if you develop severe, persistent diarrhea during or up to several weeks treatment, inform your doctor immediately, as diarrhea in its most severe form (called peadomembranus colitic) could in certain circumstances possibly lead to death and must be treated. Do not take any medicines th inhibit bowel function.
- if you know that you have impaired kidney function, inform your doct that he or she can keep this in mind when establishing the dosage, if
- be harmful to the kidneys (such as aminoglycosides), kidney function should be monitored by your doctor, as an increase in effects that could be harmful to the kidneys can occur with these kinds of medicines.
- if you are being treated with high doses, particularly if you also have impaired kidney function, this can lead to brain disturbances, along with, for example, movement disorders, seizures or consciousness disorders. example, movement disorders, seizures or consciousness disorders. Info your doctor immediately if you have this kind of reaction.
- if your treatment lasts longer than 7 to 10 days, blood tests should be
- if you have signs of a new infection (e.g. fungal infection of the mucous membranes with redness and white deposits). Any time antibiotics are used, the number of bacteria that are resistant to the medicine being used can ease. Watch for signs of a new infection and inform your d

Important information about certain other ingredients of Claforan 1 vial of Claforan 1.0 g contains approximately 2.1 mmol (48 mg) of sodii You should take this into account if you need to follow a low-salt diet.

Please tell your doctor or pharmacist if you are taking/using or have receitaken/used any other medicines, including medicines obtained without a

Using certain other antibiotics at the same time can reduce the effect of Claforan. You should therefore inform your doctor if you are taking or have recently taken another antibiotic

Medicines that could potentially harm the kidness and loop diuretics Claforan can increase the harmful effects of aminoglycosides and strong diuretics (e.g. Lurosemide and ethanyrin cadi) on the kidneys. Kidney function must be monitored when these medicines are administered at the same time as Claforan, particularly if you have impaired kidney function.

Administration of probenecid at the same time as Claforan can cause elevated cefotaxime concentrations in the blood, and therefore a prolonged effect. This is because probenecid slows the elimination of Claforan by the kidneys.

Pregnancy and breast-feeding

Ask your doctor or pharmacist for advice before taking/using any medicines

fficient data are not available concerning use of Claforan in pregnant

Animal experiments have yielded no evidence that cefotaxime could have

harmful effects on the fetus.

Nevertheless, Claforan should only be used during pregnancy after a careful evaluation of the benefit/risk ratio by the treating doctor, particularly during

Only small amounts of cefotaxime pass into breast milk. When Claforan is used during breast-feeding, intestinal flora imbalance with diarrhea, fungal infection and possibly sensitization can occur in the infant.

Driving and using machines

Based on clinical experience to date, Claforan used at low to med has no effect on the ability to concentrate and react.

Very rarely, seizures, consciousness disorders, movement disorders and dizziness have been reported when high doses are used, primarily in patients who also have impaired kidney function. You should therefore not drive cars or operate machines if you notice any such side effects.

3. HOW TO USE CLAFORAN

aforan should always be used exactly as your doctor has instructed. Clatoran should always be used exactly as your doctor has instructed. The dose, method of administration and interval between injections are on the effect of the drug on the bacteria, the severity of your infection ar your general condition. Unless your doctor prescribes otherwise, the usual dosage is as follows:

<u>Adults and children over 12 years of age</u> generally receive 1 to 2 g of celotaxime every 12 hours. In severe cases, the daily dose of celotaxime be increased to up to 12 g. Daily doses of up to 6 g of celotaxime can be divided into at least two separate doses administered at 12 hour intervillingher daily doses must be divided into at least 1 to 4 separate doses. administered at 8 or 6 hour intervals.

The following table provides guidelines for dosing:			
Type of infection	Single dose of cefotaxime	Dosing interval	Daily dose of cefotaxime
Typical infections suspected or shown to be caused by sensitive bacteria	1 g	12 h	2 g
Infections suspected or shown to be caused by various bacteria with high to intermediate sensitivity	2 g	12 h	4 g
Bacterial infections of unknown origin and location, and critical condition of the patient	2-3 g	8 h up to 6 h up to 4 h	6 g up to 8 g up to 12 g

reat gonorrhea in adults, a single 0.5 g intramuscular dose of cefotaxime e administered. A higher dose may be necessary for bacteria that are less sitive to the drug. Syphilis should be screened for before beginning

To prevent infections in patients having surgery, 1 to 2 g of cefotaxime sho be administered 30 to 60 minutes before the beginning of the operation. I same dose can be administered repeatedly depending on the risk of infect

To treat <u>Lyme disease</u>, a daily dose of 6 g of cefotaxime (for 14 to 21 days) is to be administered. The daily dose is usually administered in 3 divided doses (2 g of cefotaxime 11 mice daily), but in some cases it can be administered in 2 divided doses (3 g of cefotaxime twice daily). These dosage recommendations are based on individual observations and not controlled clinical studies.

Gombination treatment with orther antibiotics Claforan in combination with aminoglycosides is indicated in serious Planton and the claim of the clai

In infections caused by Pseudomonas aeruginosa, combination treatment with other antibiotics that are effective against Pseudomonas may be indicated. Combined use of Claforan with other suitable antibiotics can also be indicated to prevent infections in natients with weakened immune systems

Infants and children up to 12 years of age receive 50 to 100 mg (up to 150 mg) of celotaxime per kg body weight per day, depending on the severity of the infection. The daily dose is to be given as 2 or more equally divided doses, which are to be given at 12 (to 6) hour intervals. In some cases, particularly in liftle-threatings instantions, it may be necessary to increase the daily dose to 200 mg of celotaxime per kg body weight.

In premature infants, doses of 50 mg of cefotaxime per kg body we day should not be exceeded, as kidney function is not fully develop

In patients with <u>severely impaired kidney function</u> (creatinine clearance of 10 ml/min or less), the initial dose (the first dose at the beginning of treatment) 10 ml/mn or less, the internal dose; the health of social the beginning of treatment is in the thin scale as in patients with children's. The maintenance dose is to be reduced to half the usual dose. In patients with creatinine clearance electrication of the result dose. In patients with creatinine clearance electrication creatinine from the usual dose. In patients with creatinine clearance electrication in the maintenance dose to a Certokaxine clearance and creatinine from the maintenance dose to 1 get a Certokaxine clearance as 2 divided doses at 12 hour intervals papears to be adoquate. These recommendations are based on the control of the on experience in adults

As cefotaxime is eliminated to a large extent by hemodialysis, an additional dose should be administered after the dialysis session in patients undergoing dialysis

istered intravenously (in a vein). It can also be administ

intramuscularly **Elderly patients**

its, kidney function must be monitored carefully and the o adjusted if necessary

Intravenous injection, For intravenous injection, 1 g of cefotaxime is dissolved in at least 4 ml of water for injection, and then injected directly into the vein for 3 to 5 minutes

For a rapid infusion, 1 or 2 g of cefotaxime are dissolved in 40 to 50 ml of

For a rapia intuision, 1 or 2, gor ectosaximate an estoscient and the ori industrial water for injection or an appropriate infusion solution, and the linitial intravenously for approximately 20 minutes for an IV drip intuision, 2 gor ectoaxime are dissolved in 100 ml of isotonic sodium chloride or glucose solution and their initiased intravenously for 50 to 400 minutes. Another appropriate infusion solution can also be used for 500 minutes. Another appropriate infusion solution can also be used for 500 minutes. Another appropriate infusion solution can also be used for 500 minutes. Another appropriate infusion solution can also be used for 500 minutes. Another appropriate infusion solution can also be used for 500 minutes. Another appropriate infusion solution can also be used for 500 minutes. Another propriate infusion 500 minutes. Another propriate infusion 500 minutes. Another propriate for 500 minutes. Another 500 minutes. Another 500 minutes for 500 minutes. So 500 minutes for 500 minutes. So 500 minutes for 500

Intramuscular injection

For intramuscular injection, 1.0 g of cefotaxime is dissolved in 4 ml of water for injection then given by deep injection in the gluteal muscle. Pain during the intramuscular injection can be avoided by dissolving 1.0 g of cefotaxime in 4 ml of 1% lidocaine solution. Intravascular injection (injection n into a blood vessel) is to be avoided in this case, as lidocaine administered into a blood vessel can lead to restlessness, rapid heart rate, cardiac conduction disorders (disruption of the electrical activity of the heart) as well as vomiting and spasms. Claforan mixed with lidocaine should not be used in children under spasms. Clatoran mixed with indocame should not be used in crinion 1 year of age. No more than 4 ml should be injected on one side. Intravenous inje

recommended if the daily dose of 2 g of cefotaxime is exceeded or if the drug is injected more than twice daily.

Mixing of the solution with other substances
Unless chemical and physical compatibility with other solutions for infusion has been proven, cefotaxime solution should generally be administe

_ aminoalyrosides

- Major incompatibilities
 Claforan is not compatible with the following:
 sodium bicarbonate solution,
 solutions for infusion with a pH higher than 7,

Claforan should generally not be injected in the same syringe as other antibiotics or medicines. Claforan must not be mixed with aminoglycoside antibiotics in an infusion set or syringe

Compatibility with infusion solutions
Claforan can also be dissolved in sodium lactate solution or Ringer's solution

Treatment duration is based on the course of the disease

If you use more Claforan than you should

ery rare cases, and generally only in patients who also have very high doses of cenhalosporins can cause seizures (as in epilensy) recy ingli does or cephalospoints can cause sezulars (as in epiclesy), excitation (central nervous system disorder) and twitching. If Claforan is injected too quickly via a central venous catheter (CVC) (in less than 1 minute), it can cause severe heart rhythm disorders.

If you think you have used too much Claforan, tell your doctor or medical staff

If you forget to take Claforan

You should make up for a missed dose, unless it is time for the next regular

If you have any other questions about using this medicine, please consult your

4. POSSIBLE SIDE EFFECTS

ies, Claforan can cause side effects, although not everybody

If you notice the following serious side effects, you must inform a doctor or nurse immediately and stop using Claforan, as you need urgent medical treatment:

mon (1 to 10 in 1000 treated patients)

Unknown frequency (frequency cannot be determined based on available

- severe acute allergic reactions including life-threatening shock swelling (angioedema) and constriction of the airways (bronch you develop a feeling of tightness in your chest, or if you feel dizzy, unv or weak, it could be a sign of such an allergic reaction. skin reactions with blisters (erythema multiforme, Stevens-Johnson
- syndrome toxic enidermal ne
- evere, persistent diarrhea or bloody stools resulting from possibly
- severe, persistent diarries of bloody stools resulting from possibly life-threatening bowel inflammation. destruction of red blood cells (hemolytic anemia), causing urine to be a
- brown-red color

If you notice the following serious side effects, you must inform a doctor or nurse immediately, as you probably need medical treatment:

Unknown frequency (frequency cannot be determined based on available

- jaundice, which may be a sign of liver inflammation
- severe drop in the number of certain white blood cells (agranulocytosis) This is noticeable because of acute signs of infection
- Inform your doctor, particularly if one of the side effects listed below becomes serious or lasts longer than a couple of days:

Very common (more than 1 in 10 treated patients):

in at the injection site, or hardening at the injection site following ramuscular administration. intra

- Common (more than 1 in 100 treated patients):

 allergic reactions such as skin rash, itching or hive:
- impaired kidney function, e.g. increase in creatinine and ur concentrations in the blood.
- inflammatory reactions at the injection site including inflammation of the vein (phlebitis/thrombophlebitis).
 joint disorders (e.g. swelling).

Uncommon (1 to 10 in 1000 treated patients)

- increase in the number of eosinophil who decrease in the number of platelets (thro osinophil white blood cells (eosinophilia)
- blood cells (leukopenia, granulocytopenia).

- miting, abdo
- loss of appetite, nausea, vomiting, abdominal pain.
 increase in bilitroiln (bile pigment in the blood) and/or liver enzyme levels in the blood (ALT, AST, gamma-GT, alkaline phosphatase, LDH).
 kdwing inflammation (interstitial nephnitis).
 secondary infection caused by bacteria or fungi (e.g. in the mouth or vagina)
- Unknown frequency (frequency cannot be determined based on available
- data) - decrease in the number of certain white blood cells (neutronenia)
- ing rapid intrave rapid heart rate, heart rhythm disorders (follow
- administration). excitation (central nervous system disorder), conscious
- movement disorders, muscle twitching (particularly in patients with impaired kidney function).
- dizziness - intolerance reactions such as a feeling of hotness or sickness during rapid
- intravenous administrati larisch-Heryheimer reaction: Jarisch-Heryheimer reaction can develop at the

beginning of treatment for spirochete infections (e.g. Lyme disease) and occur along with fever, shivering, headache and joint disorders. In patients treated for Lyme disease for several weeks with Claforan, one or patients treated for tyme disease for several weeks with cationar, one or ore of the following symptoms has been reported: skin rash, itching, fever, crease in number of white blood cells, increase in liver enzymes, respiratory sorders, joint disorders. To some extent, these symptoms are consistent with e symptoms of the underlying disease, for which the patient is being treated.

If you notice any side effects not listed in this leaflet, please tell your doctor or

5. HOW TO STORE CLAFORAN

en this medicine out of the sight and reach of children

Do not use this medicine after the expiry date which is stated on the box and vials after "FYP

Store the vials in the original package to protect from light, at a temperature no higher than 30°C

ically and physically stable for 12 hours at 30°C after preparation. To avoid contamination with bacteria or other agents, the preparation. To avoid contamination with nacteria or other agents, the solution should be used immediately. If the solution is not used immediately, the user is responsible for the storage time and conditions until it is used teven if the solution is prepared under controlled and proven aseptic conditions, the storage time should generally not exceed 24 hours at 2 to 8°C.

6. FURTHER INFORMATION

What Claforan contains:

he active substance is: cefotaxime sodium. vial contains 1.048 g of cefotaxime sodium (equivalent to 1.0 g of

cefotaxime)

The other ingredients are: water for injection as solvent (note: packs without solvent are also available).

What Claforan looks like and contents of the nack:

White to yellowish-white powder (or powder and solvent) for preparation of a solution for injection or infusion.

Pack sizes: 1 vial and 1 ampoule containing 4 ml of water for injection.

Marketing Authorization Holder

65926 Frankfurt am Main. German

nufacture

S.C. Zentiva S.A. B-dul Theodor Pallady nr. 50, sector 3, București, cod 032266, Romania

This leaflet was last revised in October 2012

THIS MEDICAMENT

Is a product, which affects your health, and its consump

Follow strictly the doctor's prescription, the method of use and the instructions of the pharmacist who sold the mod

- sold the medicament.

 The doctor and the pharms their benefits and risks.

 Do not by yourself interru.

 Do not repeat the same pro-
- No not repeat the same prescription without cons
 Keep all medicaments out of reach of children.

Council of Arab Health Min Union of Arab Pharmacis