

15-02-2023 1st Copy

"Unfold Leaflet" Revised due to change in size (100mm x 160mm)

Neucef Capsules / Suspension / Paediatric Drops

Neucef®D\$ Suspension (250mg/5ml)
Fach 5ml contains (reconstituted): Each 5ml contains (reconstituted): Cefadroxil Monohydrate USP equivalent to Cefadroxil......250mg

PHARMACEUTICAL FORM

CLINICAL PARTICULARS
THERAPEUTIC INDICATIONS: Treatment of following infections caused by cefadroxil-susceptible organisms, when an oral therapy is indicated:

Streptoccoal pharyngitis and tonsilitis. Bronchopneumonia, bacterial pneumonia. Uncomplicated urinary tract infections: Pyelonephriti cystilis. Skin and soft tissue infections: Abscesses, furunculosis, impeligo, ensipelas, pyoderma, lymphadentis.

Each ml of reconstituted suspension contains: Cefadroxil Monohydrate USP equivalent to Cefadroxil......100mg

POSOLOGY AND METHOD OF ADMINISTRATION: The dosage depends on the susceptibility of the pathogens, the severity of the disease and on the clinic

| Indication | with normal renal function | Children (< 40 kg) with normal renal function |
|---|---|---|
| Streptococcal pharyngitis/ tonsillitis | Dosage may be decreased to1000mg once a day over at least 10 days | 30mg/kg/day once a day over at least 10 days |
| Bronchopneumonia, bacterial pneumonia | 1000mg twice a day | 30 - 50mg/kg/day divided into two daily doses |
| Urinary tract infections | 1000mg twice a day | 30 - 50mg/kg/day divided into two daily doses |
| Skin & soft tissue infections | 1000mg twice a day | 30 - 50mg/kg/day divided into two daily doses |

Children may benefit of increased posology up to 100mg/kg/day. Depending on the severity of the infection, adults may require increased posology. The dosage maximum is 4g per day. Chronic urinary tract infection may require a prolonged and intensive treatment with confinued testing of susceptibility and clinical monitoring. Celedroxii 500mg capsules is not recommended for infaints and children under 6 years. For younger children with a body weight 440kg, liquid oral forms (celadroxil 250mg/sml or 125mg/sml suspension) are available. Renal impairment: The dosage should be adjusted according to present accumulation of celadroxil. In patients with creatinine clearance arises to prevent accumulation of celadroxil. In patients with creatinine clearance of 50ml/min or less, the following reduced dosage schedule is recommended as a guideline for adults:

| Creatinine clearance (ml/min/ 1.73m ²) | Serum Creatinine (mg/100ml) | Initial dose | Following dose | Dosage interval |
|---|--------------------------------|--------------|----------------|-----------------|
| 50 - 25 | 1.4 - 2.5 | 1000mg | 500mg - 1000mg | every 12 hours |
| 25 - 10 | 2.5 - 5.6 | 1000mg | 500mg - 1000mg | every 24 hours |
| 10 - 0 | > 5.6 | 1000ma | 500ma - 1000ma | every 36 hours |

Children: The recommended dosage for children is 25 to 50mg/kg/day in two equally divided doses (every 12 hour) asindicated. For pharyngitis, tonsilitis and impeligo the recommended daily dosage may be administered as a single dose or in two equally divided doses (every 12 hour).

| Child's weight (kg) | Oral Suspension 125mg/5ml | Oral Suspension 250mg/5ml | Oral Drops (100mg/ml) |
|---------------------|---------------------------|---------------------------|-----------------------|
| 4 | | | 0.5 - 1 drop per full |
| 5 | 2.5 - 5ml | | |
| 10 | 5 - 10ml | 2.5 - 5ml | |
| 15 | 7.5 - 15ml | 3.75 - 7.5ml | - |
| 20 | 10 - 20ml | 5 - 10ml | - |
| 25 | 12.5 - 25ml | 5.25 - 12.5ml | |

Children (<40kg) with renal impairment: Cefadrodi is not indicated in children suffering from renal insufficiency and children requiring haemodialysis. Dosage for haemodialysis patients: Haemodialysis eliminates 63% of 1000mg of cephalosporin after 6 to 8 hours of haemodialysis. Elimination half-lime of osphalosporin about 3 hours during dialysis. Petalities with haemodialysis receive one additional dose of 800mg-1000mg at the end of the haemodialysis receive one additional dose of 800mg-1000mg at the end of the haemodialysis receive one additional dose of 800mg-1000mg at the end of the haemodialysis receive one additional dose of 800mg-1000mg at the end of the haemodialysis receive one additional dose of 800mg-1000mg at the end of the haemodialysis receive one additional dose of 800mg-1000mg at the end of the haemodialysis receive one on an empty stomatical in sea of pastro-intensit disturbances, it may be administered with food. The capules are taken unchewed with a liberal quantity of fluid. Duration of therapy: Treatment should be applied for 2 to 3 further days after regression of the acute clinical symptoms or evidence of bacterial eradication has been obtained. In infections caused by Streptococcus programes up to 10 days treatment may be considered.

CONTRAINDICATIONS:

Hypersensitivity to cefadroxil, to any of the cephalosporins.

History of severe reactions to penicillin's or to any other beta-lactar

SPECIAL WARNINGS AND PRECAUTIONS FOR USE:

Cafadroxil does not penetrate in the CSF and is not indicated for the treatment of meningitis.

Penicillin is the first drug of choice for the treatment of the Streptococcus progenes and for the prevention of meumatic fever.

Special caution should be exercised in patients with history of severe allergies or sathma.

In platents with a history of non-severe hypersensitivity to penicillin, or other on-cephalosporn beta-factam origin, secretary patients with renal impairment; the dosage must be adjusted according to the grade of renal impairment.

Cafadroxil should be used with security or severe allergies or court or control or carbon secretary patients with renal impairment; the dosage must be adjusted according to the grade of renal impairment.

Allergic reactions:

Allergic reactions:

The treatment must be discontinued at once if allergic reactions occur (urticaria, santhemae, purultus, fall of blood pressure and increased heart rate, respiratory disturbances, collapse, etc.), and suitable countermeasures should be taken (sympathonimetics, corticosteroids and/or arthistamrincs).

Polonged use Particularly on protogred use frequent checks on the blood count and regular happits and renal function tests are advisable. Superinfections with fungi (e.g. candidg) can occur on protogred treatment with readdroxil. In case of severe and persistent diarrhose, an antibiotic-associated pseudomembranous colliss should be considered. In that case Cefadroxil must be discontinued and a suitable therapy should be started. Antipersisticis are contraindicated.

Severe life threatement with cefadroxil. In side as oppositive during our farment and the readdroxil must be descontinued to the protogradity of the pr

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fluring treatment with cefadroxil since reduction tests can furnish falsely elevated values.

Cefadroxil contains sodium: This medicinal product contains less than 1mmol (23mg) sodium per hard capsule, that is to say essentially 'sodium-free'.

NETRACTION WITH OTHER MEDICINE product ordinaries see until minor (2.2 mily solution) per late capsule, that is to say essentially solution-line.

NETRACTION WITH OTHER MEDICINAL PRODUCTS AND OTHER FORMS OF INTERACTION: Contraindaction of concentration true: Celaroral should not be combined with bacteriostatic artibiotics (e.g., tetracycline, eryfromycin, sufforamides, chloramphenicol) since an antagonistic effect is possible. I readment with celaroral in combination with aminoriposoide antibiotics, polymynia (p. colistion rhigh-dose) loop durefets should be avoided since such combinations can potentialle nephrotoxic effects. Concomitant use not recommended: Frequent rhecks on coagulation permiters are necessary during concomitant to general product of produced by combinations and produced by combinations are produced by combinations and administration of produced by combinations of cells of combination with probeneoid.

FERTILITY, PREGNANCY AND LACTATION: • Although animal studies and clinical experience have not shown any evidence of teratogenicity, the safe use buring pregnancy has not been established. • Cefadroxi is present in low concentrations in breast milk, sensitization, diarrhoea or colonization of the infants' mucosa with fungi are possible. • The use of cefadroxi during pregnancy and in lactating mothers should therefore be handled very strictly.

EFFECTS ON ABILITY TO DRIVE AND USE MACHINES: Cefadroxil may cause headache, dizziness, nervousness, sleeplessness and fatigue, therefore the ability to drive and use machines may be influenced.

UNDESIRABLE EFFECTS: Common: Nausea, vomiting, dierrhoea, dyspepsia, abdominal pain, glossitis, pruntus, rash, allergic exanthema, urticaria. Uncommon: Clinical pictures due to a growth of opportunistic organisms (fung), such as vaginal mycoses, thrush. Rare: Ecsinophila, intrombor/sperial, accordance of the production of the product

OVERDOSE: Induce vomiting at once or gastric lavage, if necessary haemodialysis. Monitor and if necessary, correct the water and electrolyte balance, monitor renal function.

PHARMACOLOGICAL PROPERTIES Pharmacodynamic properties: ATC classificat

PHARMACOLOGICAL PROPERTIES

Pharmacodynamic properties: ATC classification ATC-code: J01D805. Pharmacotherapeutic group: Other beta-lactam antibacterials. First generation bephalosporins. Mode of action: Celadroxil is a cephalosporin for oral administration which inhibits bacterial wall synthesis of actively dividing cells by binding to one or more penicilin-hinding proteins. The result is formation of a defective cell wall that is comorcially unstable, and bacterial leviss. Mechanisms of resistance: Celadroxil may be active against organisms producing some types of beta-lactamase, for example TEM-1, in low to moderate quantities. Celadroxil cannot be expected to be active against bacteria with pencillin-honding proteins that have reduced affiliny for beta-lactam from the pencilling of the pen

| Cefadroxil (EUCAST Clinical Breakpoint Table) | MIC breakpoints | |
|---|-------------------|-------------------|
| | S≤ | R> |
| Enterobacteriaceae (uncomplicated UTI only) | 16 | 16 |
| Staphylococcus spp. | Note1 | Note1 |
| Streptococcus groups A, B, C, and G | Note ² | Note ² |
| Non-species related breakpoints | IF | IF. |

Non-species related breakpoints

West-Sascopibility of staphylococis is possiblatores in a idented from the methicilin susceptibility except for celturations and celtisms and celtisms. Susceptibility. The prevalence of resistance may vary geographically and with time for selected species and local information on resistance is desirable. Suspections of celtisms are related in the celtisms of the celtisms and celtisms and celtisms. Susceptible species. Cram-positive encroses. Streptococcus certisms (methicilin-susceptible): Staphylococcus encloses. Streptococcus are used in the celtisms. Streptococcus promominate: *Caran-positive encroses.* Extended celtisms. Streptococcus are productions are celtisms. Streptococcus productions are celtisms and celtisms and celtisms are celtisms. Streptococcus productions are celtisms are celtisms are celtisms. Streptococcus are celtisms are celtisms are celtisms are celtisms. Streptococcus are celtisms and celtisms are celtisms are celtisms. Streptococcus are celtisms are celtisms are celtisms are celtisms. Streptococcus are

Clinical efficacy has been demonstrated for susceptibile solates in approved clinical indications. *Species with natural intermediate susceptibility PHARMACOMINETIC PROPERTIES: Absorption: After oral daministration celedrowal is practically completely absorbed. Partial properties of the properties o

DIRECTION FOR RECONSTITUTION: For **Neucef** Suspension/Drops: Shake bottle to loosen the mass. Add freshly boiled and cooled water b mark aims on hatfile label them shake to make homogeneous suspension. Add further same water upto the mark of bottle label and shake vigorously

SHELF LIFE: See expiry on the pack.

AVAILABILITY

Neucef®DS suspension (250mg/5ml) in a pack of 60ml. Neucef 500mg capsules in a pack of 12's.

Neucef suspension (125mg/5ml) in a pack of 60ml.

Neucef paediatric drops (100mg/ml) in a pack of 10ml.

NSTRUCTIONS: Dosage: As advised by the physician.
Only to be sold on the prescription of a registered medical practitioner.
Keep out of reach of children. Don other over 90°C, and protect from heat, light and moisture. Improper storage may deteriorate the medicine.
For Suspension I Peediatric Torpos: The reconstituted suspension should be kept at 2 - 8°C, so that potency of the product remains stable and be used within 7 days.

نيوسيعث كيول/سينش/بيذيازك درايس (سيفاڈروکسِل) **بدایات: غوداک:** و آگر کی ہدایت کے مطابق استعال کریں۔ ے۔ صرف دجٹر ڈ ڈاکٹر کے نینے کےمطابق فروخت کریں۔ بچول کی پینج سے دورر تھیں۔ د واکو ۳۰ ڈگری پینٹی گریڈے زیادہ درجہ ترارت پر ندر کھیں،

Manufactured for:
SAMI Pharmaceuticals (Pvt.) Ltd.
F-95, S.I.T.E., Karachi-Pakistan
www.samipharmapk.com

گرمی ،روشنی اورنی سے محفوظ رکھیں ورند دواخراب ہوجا ئیگی۔ مائ سيدهن / يديا فرك دراين: تيارشد، سيدهن كو ٢ هـ ٨ ذرك ين كريد پر تھیں تا کہ دوا کی تا ثیر برقرار رہے اور کا ایم کے اندراستعال کرلیں۔

ealthtek (Pvt.) Limited Plot No.14, Sector 19, Korangi Industrial Area Karachi - Pakistan 2000006518

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