

Tinfix

Cefixime USP

Tinfix (Cefixime) is a third generation semisynthetic cephalosporin antibiotic for oral administration. It is bactericidal against a broad spectrum of gram positive and gram negative bacteria. It is highly stable in the presence of Beta-lactamase enzyme. Absorption of it is about 40% to 50% whether administered with or without food.

Composition

Tinfix 200 Capsule : Each capsule contains Cefixime Trihydrate USP equivalent to Cefixime 200 mg.

Tinfix 400 Capsule : Each capsule contains Cefixime Trihydrate USP equivalent to Cefixime 400 mg.

Tinfix Powder for Suspension : After reconstitution, each 5 ml suspension contains Cefixime Trihydrate USP equivalent to Cefixime 100 mg.

Indication

Tinfix (Cefixime) is indicated in the treatment of the following infections:

Uncomplicated urinary tract infections caused by *Escherichia coli* and *Proteus mirabilis*. Otitis Media caused by *Haemophilus influenzae*, *Moraxella catarrhalis* and *Streptococcus pyogenes*. Pharyngitis and tonsillitis caused by *Streptococcus pyogenes*. Acute bronchitis and acute exacerbations of chronic bronchitis caused by *Streptococcus pneumoniae* and *Haemophilus influenzae*. Uncomplicated gonorrhoea (cervical/urethral) caused by *Neisseria gonorrhoeae*.

Dosage and administration

Adult and children over 12 years:

200-400 mg daily, given either as a single dose or in two divided doses for 7-14 days depending on the severity of the infection.

For uncomplicated cervical/urethral gonococcal infections, a single oral dose 400 mg is recommended. Single 800 mg may be given if essential.

Children upto 12 years:

Usually 8mg/kg/day given as a single dose or in two divided doses or may be given as following :
½-1 year : 3.75 ml or 75 mg daily. 1-4 years : 5 ml or 100 mg daily. 5-10 years : 10 ml or 200 mg daily. 11-12 years : 15 ml or 300 mg daily.

The safety and efficacy of Cefixime has not been established in children aged less than 6 months. The usual course of treatment is 7 days. This may be continued for up to 14 days as in typhoid or in any severe infection. In typhoid fever, dosage should be 10mg/kg/day for 14 days.

Side effects

The drug is generally well tolerated. The most frequent side effects are diarrhoea and stool changes; that can occur with higher doses. Other side effects are nausea, abdominal pain, dyspepsia, vomiting, flatulence, headache and dizziness. Allergies in the form of rash, pruritus, urticaria, drug fever and arthralgia. These reactions usually subsided upon discontinuation of therapy.

Precaution

The drug should be prescribed with caution in individuals with a history of gastrointestinal disease, particularly colitis. The drug should be given with caution in patients with marked impaired renal function as well as those undergoing continuous ambulatory peritoneal dialysis and hemodialysis. Dosage adjustment is only necessary in severe renal failure (creatinine clearance < 20 ml.min⁻¹), in that case a dose of 200 mg once daily should not be exceeded.

Contraindication

It is contraindicated in hypersensitivity to Cefixime or other cephalosporins.

Drug interaction

Carbamazepine: Concomitant use elevates the carbamazepine level.

Warfarin and other anticoagulants: Concomitant use increases prothrombin time.

Use in pregnancy and lactation

US FDA Pregnancy Category of Cefixime is B. This drug should be used during pregnancy only if clearly needed. It is not known that Cefixime is excreted in human milk. So, caution should be exercised when Cefixime is administered to a nursing woman.

Storage condition

Keep in a dry place away from light and heat. Keep out of the reach of children.

How supplied

Tinfix 200 Capsule : Each box contains 2 x 6 capsules in Alu-Alu blister pack.

Tinfix 400 Capsule : Each box contains 2 x 4 capsules in Alu-Alu blister pack.

Tinfix Powder for Suspension (50ml) : Each amber glass bottle contains dry powder to reconstitute 50 ml suspension.