

TIL

Cefuroxime

125 mg Tablet
250 mg Tablet
125 mg/5 ml PFS

DESCRIPTION

TIL (Cefuroxime) is a semisynthetic broad-spectrum antibiotic of 2nd generation Cephalosporin group. It has bactericidal activity against both Gram-positive and Gram-negative bacteria. It is more resistant to beta-lactamase, therefore more active against beta-lactamase producing strains of, for example, *Haemophilus influenzae* and *Neisseria gonorrhoeae*. It exerts its bactericidal activity by inhibiting bacterial cell-wall synthesis. Cefuroxime is rapidly absorbed, absorption is enhanced in the presence of food. Cefuroxime is widely distributed in the body; peak plasma concentration attained within 2-3 hrs; plasma half-life is about 70 min; and about 50% is bound to plasma protein.

COMPOSITION

TIL-125 tablet : Each tablet contains Cefuroxime Axetil USP equivalent to 125 mg Cefuroxime

TIL-250 tablet : Each tablet contains Cefuroxime Axetil USP equivalent to 250 mg Cefuroxime

TIL PFS : When reconstituted each 5 ml Suspension contains Cefuroxime Axetil USP equivalent to 125 mg Cefuroxime

INDICATION

TIL (Cefuroxime) tablet is indicated in the treatment of-

- **Upper respiratory tract infections** such as otitis media, sinusitis, tonsillitis and pharyngitis caused by *M.catarhalis*, *S.pyogenes*, *S.pneumoniae* or *S.influenzae*.
- **Lower respiratory tract infections** such as acute bronchitis, acute exacerbations of chronic bronchitis and pneumonia caused by *Streptococcus pneumoniae*, *Haemophilus influenzae*.
- **Skin and soft tissue infections** such as furunculosis, pyoderma, and impetigo caused by *Staphylococcus aureus* (penicillinase- and non-penicillinase-producing strains), *Streptococcus pyogenes*.
- **Urinary tract infections** such as pyelonephritis, urethritis, and cystitis caused by *Escherichia coli* and *Klebsiella* spp.
- **Uncomplicated gonorrhoea, urethral & endocervical** caused by *Neisseria gonorrhoeae*.
- **Early Lyme disease and subsequent prevention of late Lyme disease** caused by *Borrelia burgdorferi*.

Dosage and Administration

TIL (Cefuroxime) should be administered with meals.

Adults and Adolescents (above 12 years)

Infection	Dosage	Duration
Pharyngitis/tonsillitis/sinusitis	250 mg 12 hrly	10 days
Acute exacerbations of chronic bronchitis	250 or 500 mg 12 hrly	10 days
Uncomplicated skin and soft tissue infections	250 or 500 mg 12 hrly	10 days
Uncomplicated urinary tract infections	125 or 250 mg 12 hrly	7-10 days
Uncomplicated gonorrhea	1000 mg single dose	
Early Lyme disease (Adult & children)	500 mg 12 hrly	20 days

Children : over 3 months of age : 125 mg 12 hourly or 10 mg/kg 12 hourly to a maximum of 250 mg daily. **over 2 years of age with otitis media** : 250 mg 12 hourly or 15 mg/kg 12 hourly to a maximum of 500 mg daily.

In renal impairment : As Cefuroxime's half-life is prolonged in renal impairment, doses of Cefuroxime should be adjusted.

CONTRAINDICATION

TIL is contraindicated in known hypersensitivity to Cefuroxime or any antibiotic of Cephalosporin group.

PRECAUTION

TIL (Cefuroxime) should be used with caution in renal insufficiency, porphyria, history of colitis, penicillin sensitivity and anticoagulant therapy. Like other antibiotics, pseudomembranous colitis has been reported with Cefuroxime.

IN PREGNANCY AND LACTATION

Pregnancy : Pregnancy category B. Not known to be harmful nevertheless should be used during pregnancy only if clearly needed. **Lactation** : Cefuroxime is excreted in breast-milk. So, it should be used with caution only if the expected benefit to the mother is greater than the possible risk to the nursing infant.

SIDE EFFECT

Diarrhea, abdominal discomfort, headache, nausea and vomiting; allergic reactions including urticaria, rashes, pruritus, serum sickness-like reactions, arthralgia, and anaphylaxis; erythema multiforme, toxic epidermal necrolysis; disturbances in liver enzymes, transient hepatitis and cholestatic jaundice; eosinophilia and blood disorders; nephritis, hyperactivity, nervousness, sleep disturbance, hallucinations, confusion, hypertonia, and dizziness.

DRUG INTERACTION

Anticoagulant : anticoagulant effect is enhanced. **Probenecid** : Excretion of cephalosporin is reduced, results in increased plasma concentration.

DIRECTION FOR RECONSTITUTION OF TIL SUSPENSION

Shake the bottle until all powder flows freely. Then add boiled & cool water, 40 ml (8 teaspoonfull) for **TIL PFS** and shake vigorously to mix powder. For better mixing add total water in two portion and shake vigorously each time.

Note : After reconstitution keep the bottle tightly closed and shake the bottle well before each use. Reconstituted suspension must be used within 7 days if kept at room temperature or within 10 days when stored in a refrigerator.

STORAGE

Store in cool dry place and away from light. Keep out of the reach of children.

HOW SUPPLIED

TIL- 125 Tablet: Box containing 2 x 4's tablets in Alu-Alu strips.

TIL- 250 Tablet: Box containing 2 x 4's tablets in Alu-Alu strips.

TIL PFS : Bottle containing powder to make 70 ml suspension.



Manufactured by
Apex Pharma Ltd.
Shafipur, Gazipur