

## **Betixim® (Cefixime)**

### **Properties**

**Betixim** (Cefixime) is a semisynthetic cephalosporin antibiotic for oral administration. Bactericidal action of **Betixim**® results from inhibition of cell wall synthesis.

**Betixim**® is highly stable in the presence of beta-lactamase enzymes. As a result, many organisms resistant to penicillins and some cephalosporins due to the presence of beta-lactamases, may be susceptible to **Betixim**®.

### **Indications:**

**Betixim**® is active against the following Gram-positive and Gram-negative

Organisms: *Streptococcus pneumoniae*, *Streptococcus pyogenes*, *Streptococcus agalactiae*, *Haemophilus influenzae*, *Haemophilus parainfluenzae*, *Moraxella (Branhamella) catarrhalis*, *Escherichia coli*, *Proteus mirabilis*, *Proteus vulgaris*, *Neisseria gonorrhoeae*, *Klebsiella pneumoniae*, *Klebsiella oxytoca*, *Pasteurella multocida*, *Providencia species*, *Salmonella species*, *Shigella species*, *Citrobacter amalonaticus*, *Citrobacter diversus*, *Serratia marcescens*.

**Betixim**® is indicated in the treatment of the following infections:

- Upper respiratory tract infections including pharyngitis, tonsillitis, sinusitis, otitis media.
- Lower respiratory tract infections, including acute bronchitis, and acute exacerbations of chronic bronchitis.
- Uncomplicated urinary tract infections.
- Uncomplicated gonorrhoea (cervical / urethral).

### **Contraindications**

Cefixime is contraindicated in patients with known hypersensitivity to the cephalosporin group of antibiotics.

### **Precautions:**

Cefixime should be prescribed with caution in individuals with a history of gastrointestinal disease, particularly colitis.

### **Pregnancy and Lactation:**

There are no adequate and well-controlled studies in pregnant women. This drug should be used during pregnancy only if clearly needed (pregnancy category B).

It is not known whether Cefixime is excreted in human milk. Consideration should be given to discontinue nursing temporarily during treatment with this drug.

### **Side Effects:**

Side effects are mild and transient nature. They include diarrhoea, abdominal pain, nausea, vomiting, skin rashes, transient elevations in liver enzymes.

### **Dosage and administration:**

Adults: The recommended dose of **Betixim**® is 400 mg daily. This may be given as a 400 mg capsule daily or as 200 mg capsule every 12 hours.

For the treatment of uncomplicated cervical / urethral gonococcal infections, a single oral dose of 400 mg is recommended.

Children: The recommended dose is 8 mg /kg / day of **Betixim**® suspension. This may be administered as a single daily dose or may be given in two divided doses, as 4 mg/ kg every 12 hours.

### **Presentations:**

**Betixim**® 400 mg Capsules: Cefixime (as trihydrate) U.S.P 400 mg / capsule, pack of 5 capsules.

**Betixim**® 200 mg Capsules: Cefixime (as trihydrate) U.S.P 200 mg / capsule, pack of 8 capsules.

**Betixim**® 100 Suspension: Cefixime (as trihydrate) U.S.P 100 mg / 5ml (after reconstitution). Dry powder for suspension in 30 ml and 60 ml bottle.

Middle East Pharmaceutical Company – **MIDPHARMA** – Jordan