

# DOFIXIM

## CEFPODOXIME PROXETIL INN

### **Compositions:**

Dofixim Capsule: Each capsule contains Cefpodoxime Proxetil INN equivalent to 100 mg Cefpodoxime. Dofixim Tablet: Each Tablet contains Cefpodoxime Proxetil INN equivalent to 200 mg Cefpodoxime. Dofixim Suspension: After reconstitution Each 5 ml contains Cefpodoxime Proxetil INN equivalent to 40 mg Cefpodoxime.

### **Pharmacology:**

Dofixim (Cefpodoxime) is an orally administered prodrug that is de-esterified in the intestinal wall to release Cefpodoxime a broad spectrum, semisynthetic 3rd generation cephalosporin antibiotic. Like other beta-lactam antibiotics it is bactericidal and acts by inhibiting cell wall synthesis.

### **Dosage And Administration:**

Dofixim capsule should be administered only with food to enhance absorption but suspension may be given without regard to food. Adults (Age 13 years and older): Type of Infection Dosage Duration Upper respiratory tract infection including tonsillitis and pharyngitis 100 mg 12 hourly for 5-10 days Acute exacerbation of chronic bronchitis 200 mg 12 hourly for 10 days Acute community acquired pneumonia 200 mg 12 hourly for 14 days Uncomplicated gonorrhoea 200 mg single dose Uncomplicated urinary tract infection 100 mg 12 hourly for 7 days Skin and soft tissue infection 200-400 mg 12 hourly for 7-14 days Acute maxillary sinusitis 200 mg 12 hourly for 10 days Children (Age 15 days to 9 years): Type of Infection Dosage 6 months-2 years 40 mg every 12 hours 15 days-6 months 4 mg/kg every 12 hours 3 years-8 years 80 mg every 12 hours Over 9 years 100 mg every 12 hours

### **Contraindications:**

Dofixim is contraindicated in patient with known hypersensitivity to it or to other cephalosporin antibiotics

### **Warning And Precaution:**

In patients with transient or persistent reduction in urinary output due to renal insufficiency, the total daily dose of Cefpodoxime should be reduced. Cefpodoxime should be administered with caution to patients receiving concurrent treatment with potent diuretics. As with other antibiotics, prolonged use of Cefpodoxime may result in overgrowth of non-susceptible organisms.

### **Side Effects:**

Dofixim has very few side effects. Diarrhoea and rarely antibiotic associated with colitis, nausea, vomiting, abdominal discomfort etc. may occur. Other side effects include rashes, pruritus, urticaria, serum sickness, chest pain, myalgia, dyspepsia, dizziness, and vertigo, fungal and vaginal infection.

### **Use in Pregnancy and Lactation:**

There is no well-controlled and sufficient study of Cefpodoxime Proxetil regarding its use in pregnancy. It was neither teratogenic nor embryocidal in animal trial. This drug should be given during pregnancy only if clearly needed. Because Cefpodoxime is excreted in human milk, a decision should be made whether to discontinue breast feeding or to discontinue the drug.

### **Drug Interaction:**

Antacids: Concomitant administration of high doses of antacids or H<sub>2</sub>-Blocker reduces peak

plasma level by 24% to 42% and the extent of absorption by 27% to 30% respectively. Probenecid: It inhibits the excretion of Cefpodoxime. Nephrotoxic drugs: Close monitoring of renal function is advised when Cefpodoxime is administered concomitantly with compounds of known nephrotoxic potential.

**Overdosage:**

No information is available.

**Storage:**

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

**Packing:**

Dofixim Capsule: Each box contains 2x4's capsules in alu-alu blister strip. Dofixim Tablet: Each box contains 3x4's tablets in alu-alu blister strip. Dofixim Suspension: Bottle contains dry powder for 50 ml & 100 ml oral suspension

Manufactured By:

The IBN SINA Pharmaceutical Industry PLC.

Shafipur, Gazipur, Bangladesh.