

Cefoperazone & Sulbactam for Injection 3 gm

Zoact FORTE Cefoperazone & Sulbactam for Injection 3 gm

DESCRIPTION

The combination of cefoperazone (third-generation cephalosporin) and sulbactam (beta-lactamase inhibitor) is a rational combination that provides a solution for the treatment of bacterial infections caused by resistant pathogens.

COMPOSITION

Zoact Injection 1.5 gm

Each vial contains:

Zoact Forte Injection 3.0 gm

Each vial contains:

INDICATIONS

- Respiratory tract infections (upper and lower)
- Urinary tract infections (upper and lower)
- Intra-abdominal infections
- Septicaemia
- Meningitis
- Skin and soft tissue infections
- Bone and joint infections
- Genital Tract Infections

MODE OF ACTION

Cefoperazone, a third generation Cephalosporin acts by inhibiting biosynthesis of cell wall mucopeptide. Sulbactam acts as beta-lactamase inhibitor, thus restoring Cefoperazone activity against beta-lactamase producing strains.

DOSAGE

Daily dosage recommendations for sulbactam/cefoperazone in adults are as follows:

Ratio	Sulbactam/	Sulbactam/	Cefoperazone
	Cefoperazone (g)	Activity (g)	Activity (g)
1:2	3.0 - 6.0	1.0 - 2.0	2.0 -4.0

Should be administered in two equally divided doses.

In severe or refractory infections, the daily dosage of sulbactam/cefoperazone may be increased up to 12 g of the 1:2 ratio (i.e. 8 g cefoperazone activity). The recommended maximum daily dosage of sulbactam is 4 g.

Dosage regimens of sulbactam/cefoperazone should be adjusted in patients with a marked decrease in renal function (creatinine clearance of less than 30 mL/min), Hepatic impairment & Pediatrics.

CLINICAL EVIDENCE

Reference	Patients	Dosage	Outcome
SURGICAL IN- FECTIONS Vol. 9, Number 3, 2008	154 Patients having Intra- abdominal Infections	Study group: cefoperazone- sulbactam (8 g/day) for 5 to 14 days Compared group: ceftazidime (6 g/day) plus amikacin (15 mg/kg/day) and metronidazole (500 mg thrice a day) for 5 to 10 days	signs, symptoms & less treatment related adverse effects at the 30-day follow-up

ADMINISTRATION

IV or IM use only.

La Renon Healthcare Pvt. Ltd.

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