

ZIPENTA

250mg, 500mg & 1g
Injection

(Ceftazidime)

ZIPENTA is the most powerful third generation cephalosporin

- Broad spectrum
- Active against many strains resistant to ampicillin and other cephalosporins
- Effective in reducing concentration of H influenzae in CSF after single dose
- Well tolerated
- Affordable and economical



Brief Prescribing Informations:

Ceftazidime is a sterile, semisynthetic, Cephalosporin antibiotic for parenteral administration. **CLINICAL PHARMACOLOGY:** The absorption and elimination of ceftazidime are directly proportional to the size of the dose. The half-life following IV administration was approximately 1.9 hours. Less than 10% of ceftazidime was protein bound. The degree of protein binding was independent of concentration. There was no evidence of accumulation of ceftazidime in the serum in individuals with normal renal function following multiple IV doses of 1 and 2gm every 8 hours for 10 days. **INDICATIONS:** Ceftazidime is indicated for the treatment of patients with infections caused by susceptible strains of the designated organisms in the following diseases: Lower Respiratory Tract Infection, Skin and skin-Structure Infections, Urinary Tract Infections, Bacterial Septicemia, Bone and Joint Infections, Gynecologic Infections, Intra-abdominal Infections, Central Nervous System Infections. **CONTRA-INDICATIONS:** Ceftazidime is contraindicated in patients who have shown hypersensitivity to ceftazidime or the cephalosporin group of antibiotics. **WARNING:** Before therapy with ceftazidime sodium is instituted, careful inquiry should be made to determine whether the patient has had previous hypersensitivity reactions to cephalosporins, penicillins or other drugs. This product should be given cautiously to penicillin sensitive patients. **PRECAUTIONS:** ZIPENTA should be given carefully to the patients with renal impairment or suspected renal impairment. **Pregnancy and Lactation:** This drug should be used in pregnancy if clearly needed. Moreover, during lactation, it can be secreted in the breast milk, so Cephalosporins should be given with caution to nursing mothers. **DOSE AND ADMINISTRATION:** The usual Adult dosage is 1-6 gm/day in 2 or 3 divided doses. **Neonates** (upto 2 months): 25-60 mg/kg/day in 2 divided doses. **Infants & Children:** 30-100 mg/kg/day in 2 or 3 divided doses, daily dose should not exceed 3 gram. The dosage and route should be determined by the susceptibility of the causative organisms, the severity of infection and the condition and renal function of the patients.

“Medicines For All”



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ISO 9001:2000

Single solution to...

Treat Life Threatening Infections



The superior choice of antibiotic....

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PHARMACOKINETIC PROPERTIES

	Zipenta (Ceftazidime)	Ceftriaxone	Cefotaxime
Protein Binding	Low (<10%) (only free (unbound) fraction of a drug exerts therapeutic action)	85-95%	30-51%
Metabolism	Not metabolized (No loss of activity due to metabolism)	Metabolized	Metabolized
Excretion	Excreted unchanged almost exclusively (90%) in urine (Zipenta (Ceftazidime) recommended for the treatment of nosocomial urinary tract infections)	40-65% excreted unchanged in urine	40-60% excreted unchanged in urine

ZIPENTA HAS EDGE OVER OTHER ANTIBIOTICS

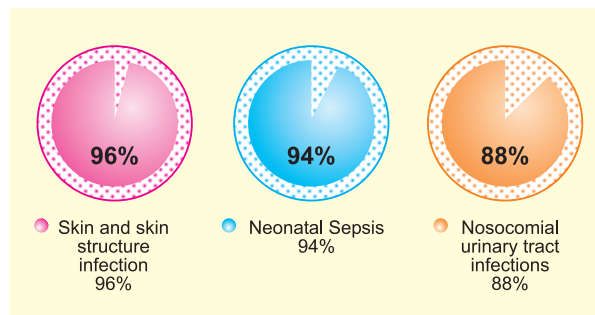
“Zipenta is considered a drug of choice for the treatment of infections caused by susceptible *Pseudomonas aeruginosa*; more active than most other currently available cephalosporins and is active against some strains resistant to many other cephalosporins, aminoglycosides, and extended-spectrum penicillins”

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HIGH SUCCESS RATES



Zipenta has excellent clinical efficacy against:

- *Streptococcus pneumoniae*
- *Streptococcus pyogenes*
- *Haemophilus influenzae*
- *Neisseria gonorrhoeae*
- *Pseudomonas aeruginosa*
- *Enterobacter aerogenes*
- *Proteus mirabilis*
- *E. coli*
- *Klebsiella*

Zipenta is indicated in:

- ▶ Meningitis
- ▶ Bacteremia
- ▶ Septicemia
- ▶ Lower R.T.I.
- ▶ Gynaecological Infections
- ▶ Urinary Tract Infections
- ▶ Skin & Soft Tissue Infections
- ▶ Bone & Joint Infections
- ▶ Surgical Prophylaxis

DOSAGE

ADULTS:

1 – 6 grams/day
in 2 – 3 divided
doses.

INFANTS & CHILDREN:

30 – 100mg/kg/day
in 2 – 3 divided
doses.

NEONATES:

(up to two months)
25 – 60mg/kg/day
in 2 divided doses.