

## Who can administer

May be administered by registered competent doctor or nurse/midwife

## Important information

- **Reserve antimicrobial:** Restricted for indications in the antimicrobial prescribing guidelines, or following approval by microbiology/infectious diseases
- **If documented immediate, or severe delayed hypersensitivity reaction** to Penicillin: **DO NOT GIVE THIS DRUG**
- **Unlicensed medicine:** requires approval/endorsement by microbiology/infectious diseases
- **Not routinely kept in stock-** ordered on the instruction of Micro/ID only (ref 1)
- If patient is going home on this antibiotic, please contact pharmacy so that supplies can be arranged

## Available preparations

Cefepime for Injection, USP 2g Sagent Pharmaceuticals, USA [UNLICENSED]

Cefepime for Injection, Maxipime (BMS)

Important: Also available in 1g upon request

## Reconstitution

Add 10ml of a compatible intravenous fluid (listed below) to each 2g vial

**Dilute further prior to administration**

## Infusion fluids

Sodium chloride 0.9%

Glucose 5%

## Methods of intravenous administration

**Slow intravenous injection** (ref 2, BNF)

- Administer over at least 3 minutes

**Intermittent intravenous infusion only (using an electronically controlled infusion device)**

- Add to 50ml of infusion fluid and infuse over 30 minutes
- The residual volume in the infusion line must be flushed through at the same rate to avoid significant underdosing

## Dose in adults

**Usual Dose**

- **Usual dose:** 1 to 2g every 12 hours (**dose range** can be anything from 0.5 to 2g every 8 to 12 hours)

- **Severe infections** (e.g. febrile neutropenia, severe pseudomonas infection) 2g every eight hours has been used
- Dose varies according to indication, severity of infection and presence of renal impairment.

### **Dosage in renal impairment**

- If creatinine clearance is **less than 60ml/minute**, the dose should be modified. Refer to attached SPC for further details.

## Storage

- Store below 25<sup>o</sup>C
- Do not refrigerate

## References

Product Information (Cefepime for Injection, USP) Sagent Pharmaceuticals, USA. Revised June 2022

1: Email on file from Antimicrobial Stewardship team, 21st Feb 2019

2: Injectable drugs guide, Medusa, Downloaded 26th Jan 2023

## Therapeutic classification

Cephalosporin antibiotic (fourth generation)