**Intravenous Ceftazidime**

**Dose:**
- **Neonate under 7 days:** 50mg/kg every 24 hours
- **Neonate 7-20 days:** 50mg/kg every 12 hours
- **Neonate 21-28 days:** 50mg/kg every 8 hours.
- **Child 1 month to 18 years:** 50mg/kg every 8 hours (maximum 6g per day)

**Route of administration:** Administer as an IV injection over 3-5 minutes via a central or peripheral line

**Products available:**
500mg injection powder for reconstitution.

**To prepare an infusion:**
Add 4.6ml of water for injection to a 500mg vial to give 100mg/ml, withdraw the required doses

**How to prescribe:**
Prescribe on eMeds using the Paediatric - Ceftazidime IV protocol

**Compatibilities:**
Aciclovir, dopamine, furosemide (in sodium chloride 0.9%), heparin sodium, insulin, labetolol, metronidazole, morphine, parenteral nutrition

**Incompatibilities:**
Acetylcysteine, ambisome, caspofungin, clarithromycin, dobutamine, fluconazole, midazolam, phenytoin, vancomycin

**Notes:**
If there is no compatibility information for specific drugs, do not assume compatibility. For incompatible drugs or those with no compatibility information use a separate line or, for short infusions, flush well between drugs.

Stravencon brand 500mg displacement value of 0.4mL

**References:**
Trissel, SPC, Medusa, Medicines for Children 2003, BNFc online February 2019, Evelina London Paediatric Formulary.