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

**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.
Syringes of 100mg/ml strength in water for injection available from Pharmacy aseptics

**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 an LTH drug chart. Document the dose, route, indication and duration on the drug chart

**Compatibilities:**
Aciclovir, dopamine, furosemide, heparin sodium, insulin, metronidazole, morphine, parenteral nutrition

**Incompatibilities:**
Acetylcysteine, ambisome, 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:**