### Amoxicillin

**Indication:** as per LTHT guidelines for prophylaxis or treatment of NEC/surgical related infections

**Neonate under 7 days:** 30 mg/kg every 12 hours; dose can doubled in severe infection, or salmonellosis

**Neonate 7–28 days:** 30 mg/kg every 8 hours; dose can doubled in severe infection, or salmonellosis

**Child 1 month or older:** 30 mg/kg every 8 hours; dose can doubled in severe infection, or salmonellosis

**Indication:** suspected or confirmed listerial meningitis, group B streptococcal infection, or enterococcal endocarditis on advice from microbiology. *SEE BNFc for dosing*

**Route of administration:**

Doses of up to 30mg/kg can be administered as a slow IV injection over 3 to 5 minutes

Doses over 30mg/kg should be administered as an IV infusion over 30 minutes.

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

**To prepare an infusion:**

Add 4.6mL of water for injection to a 500mg vial, this creates a solution containing 100mg/mL. Draw up the required volume, if giving doses of greater than 30mg/kg further dilute with glucose 10%, glucose 5% or sodium chloride 0.9% to a suitable volume for infusion over 30 minutes.

**How to prescribe:**

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

**Compatibilities:** Parenteral nutrition - vamin only

**Incompatibilities:** Amiodarone, gentamicin, midazolam, sodium bicarbonate, Parenteral nutrition - fat

**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.

**References:**


---

**Provenance**

Date Produced: February 2015  Review date: September 2017  Valid Until: September 2019

Author: R Hinton, Neonatal Pharmacist  QA Check by: Stephen Morris Paediatric Pharmacist

Produced by Clinical Pharmacy Services / Leeds Medicines Advice Service

For further information contact: medicines.information@nhs.net, ext 65377

This information has been prepared by Leeds Medicines Management and Pharmacy Services for use by health care professionals at Leeds Teaching Hospitals NHS Trust.