

EvGr Amoxicillin is used for the treatment of acute exacerbation of bronchiectasis, Δ but is not licensed for this indication.

EvGr Amoxicillin is used for prophylaxis of recurrent urinary-tract infection, Δ but is not licensed for this indication.

• CAUTIONS

GENERAL CAUTIONS Acute lymphocytic leukaemia (increased risk of erythematous rashes) · chronic lymphocytic leukaemia (increased risk of erythematous rashes) · cytomegalovirus infection (increased risk of erythematous rashes) · glandular fever (erythematous rashes common) · maintain adequate hydration with high doses (particularly during parenteral therapy)

SPECIFIC CAUTIONS

- ▶ With intravenous use Accumulation of sodium can occur with high parenteral doses
- **INTERACTIONS** → Appendix 1: penicillins
- **SIDE-EFFECTS**
- **GENERAL SIDE-EFFECTS**
- ▶ **Rare or very rare** Colitis haemorrhagic · crystalluria · dizziness · hyperkinesia · hypersensitivity vasculitis · mucocutaneous candidiasis · neutropenia
- ▶ **Frequency not known** Jarisch-Herxheimer reaction
- **SPECIFIC SIDE-EFFECTS**
- ▶ **Rare or very rare**
- ▶ With oral use Black hairy tongue
- **PREGNANCY** Not known to be harmful.
- **BREAST FEEDING** Trace amount in milk, but appropriate to use.
- **HEPATIC IMPAIRMENT** Manufacturer advises caution.
- **RENAL IMPAIRMENT** Risk of crystalluria with high doses (particularly during parenteral therapy).
- ▶ With intravenous use Accumulation of sodium from injection can occur in patients with renal failure.
Dose adjustments Reduce dose in severe impairment; rashes more common.
- **DIRECTIONS FOR ADMINISTRATION**
- ▶ With intravenous use Displacement value may be significant when reconstituting injection, consult local guidelines. Dilute intravenous injection to a concentration of 50 mg/mL (100 mg/mL for neonates). May be further diluted with Glucose 5% or Glucose 10% or Sodium chloride 0.9% or 0.45% for intravenous infusion. Give intravenous infusion over 30 minutes when using doses over 30 mg/kg.
- **PRESCRIBING AND DISPENSING INFORMATION** For choice of antibacterial therapy, see Anthrax p. 391, Antibacterials, use for prophylaxis p. 319, Cardiovascular system infections, antibacterial therapy p. 322, Central nervous system infections, antibacterial therapy p. 323, Ear infections, antibacterial therapy p. 324, Gastro-intestinal system infections, antibacterial therapy p. 324, Lyme disease p. 391, Nose infections, antibacterial therapy p. 326, Oral bacterial infections p. 326, Peptic ulceration p. 58, Respiratory system infections, antibacterial therapy p. 327, Urinary-tract infections p. 400.
- **PATIENT AND CARER ADVICE** Patient counselling is advised for Amoxicillin (Amoxil[®]) paediatric suspension (use of pipette).
Medicines for Children leaflet: Amoxicillin for bacterial infections www.medicinesforchildren.org.uk/amoxicillin-bacterial-infections-0
- **PROFESSION SPECIFIC INFORMATION**
- Dental practitioners' formulary**
Amoxicillin capsules may be prescribed. Amoxicillin sachets may be prescribed as Amoxicillin Oral Powder. Amoxicillin Oral Suspension may be prescribed.

- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

Powder for solution for injection

ELECTROLYTES: May contain Sodium

▶ Amoxicillin (Non-proprietary)

Amoxicillin (as Amoxicillin sodium) 250 mg Amoxicillin 250mg powder for solution for injection vials | 10 vial **[PoM]** £4.80 | 10 vial **[PoM]** £4.50 (Hospital only)

Amoxicillin (as Amoxicillin sodium) 500 mg Amoxicillin 500mg powder for solution for injection vials | 10 vial **[PoM]** £9.60 DT = £5.48 | 10 vial **[PoM]** £12.00 DT = £5.48 (Hospital only)

Amoxicillin (as Amoxicillin sodium) 1 gram Amoxicillin 1g powder for solution for injection vials | 1 vial **[PoM]** £1.92 | 10 vial **[PoM]** £16.50 DT = £10.96 (Hospital only)

▶ Amoxil (GlaxoSmithKline UK Ltd)

Amoxicillin (as Amoxicillin sodium) 500 mg Amoxil 500mg powder for solution for injection vials | 10 vial **[PoM]** £5.48 DT = £5.48

Amoxicillin (as Amoxicillin sodium) 1 gram Amoxil 1g powder for solution for injection vials | 10 vial **[PoM]** £10.96 DT = £10.96

Oral suspension

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EXCIPIENTS: May contain Sucrose

▶ Amoxicillin (Non-proprietary)

Amoxicillin (as Amoxicillin trihydrate) 25 mg per 1 ml Amoxicillin 125mg/5ml oral suspension sugar free sugar-free | 100 ml **[PoM]** £25.00 DT = £1.40

Amoxicillin 125mg/5ml oral suspension | 100 ml **[PoM]** £25.00 DT = £1.74

Amoxicillin (as Amoxicillin trihydrate) 50 mg per 1 ml Amoxicillin 250mg/5ml oral suspension sugar free sugar-free | 100 ml **[PoM]** £35.00 DT = £1.65

Amoxicillin 250mg/5ml oral suspension | 100 ml **[PoM]** £35.00 DT = £1.93

▶ Amoxil (GlaxoSmithKline UK Ltd)

Amoxicillin (as Amoxicillin trihydrate) 100 mg per 1 ml Amoxil 125mg/1.25ml paediatric oral suspension | 20 ml **[PoM]** £3.18 DT = £3.18

Powder

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▶ Amoxicillin (Non-proprietary)

Amoxicillin (as Amoxicillin trihydrate) 3 gram Amoxicillin 3g oral powder sachets sugar free sugar-free | 2 sachet **[PoM]** £15.00 DT = £10.36

Capsule

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▶ Amoxicillin (Non-proprietary)

Amoxicillin (as Amoxicillin trihydrate) 250 mg Amoxicillin 250mg capsules | 15 capsule **[PoM]** £5.00 DT = £1.02 | 21 capsule **[PoM]** £8.99 DT = £1.43 | 500 capsule **[PoM]** £31.00-£120.00

Amoxicillin (as Amoxicillin trihydrate) 500 mg Amoxicillin 500mg capsules | 15 capsule **[PoM]** £7.50 DT = £1.12 | 21 capsule **[PoM]** £15.00 DT = £1.57 | 100 capsule **[PoM]** £7.00-£75.00

Combinations available: *Co-amoxiclav*, p. 370

F 362

Ampicillin

21-May-2020

• INDICATIONS AND DOSE

Susceptible infections (including bronchitis, urinary-tract infections, otitis media, sinusitis, uncomplicated community-acquired pneumonia, salmonellosis)

▶ BY MOUTH

▶ Neonate 7 days to 20 days: 30 mg/kg 3 times a day (max. per dose 125 mg).

▶ Neonate 21 days to 28 days: 30 mg/kg 4 times a day (max. per dose 125 mg).

▶ Child 1-11 months: 125 mg 4 times a day; increased if necessary up to 30 mg/kg 4 times a day

▶ Child 1-4 years: 250 mg 4 times a day; increased if necessary up to 30 mg/kg 4 times a day

▶ Child 5-11 years: 500 mg 4 times a day; increased if necessary up to 30 mg/kg 4 times a day (max. per dose 1 g)