

Who can administer

May be administered by registered competent doctor or nurse/midwife

Important information

- Penicillin antibiotic
- See under 'Dose' for adjustments required in **renal** impairment

Available preparations

Amoxicillin 500mg (Delbert)

Clamoxyl or Amoxil 500mg vial (ref 1)

Amoxicillin 1g vial (Wockhardt) (unlicensed)

Reconstitution

Water for injection

10ml per 500mg vial

20ml per 1g vial

The dilution may be carried out in a syringe as the full 10ml will not fit into the vial

Infusion fluids

Sodium chloride 0.9%

Methods of intravenous administration

Can use either method of administration- choice depends on practicalities such as time available, fluid status of patient, etc.

Slow intravenous injection (doses up to 1g) (ref 2)

- Administer over 3 to 4 minutes

Intermittent intravenous infusion: (all doses)

- Add the dose to 100mL and administer over 20 to 30 minutes

Dose in adults

Mild or moderate infections(BNF)

- Give 500mg every eight hours

Community acquired pneumonia (ref 1)

- Give 1g every eight hours

- Given in combination with other drugs

Severe infections (BNF)

- Give 1g every six hours

Listerial meningitis (BNF)

- Give 2g every four hours
- Given in combination with other drugs

Endocarditis (BNF)

- Give 2g every four hours
- Given in combination with other drugs

Renal impairment (ref 3)

eGFR; (ml per minute/1.73m ²)	Dose
Greater than 10	No adjustment necessary
less than 10	250mg to 1g every eight hours. High dose regimens eg endocarditis and listeria meningitis: maximum 2g every eight hours
Renal replacement therapy	Consult pharmacy or specialist information sources

Storage

Store below 25°C

References

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- (1) Email on file from GSK- Clamoxyl is interchangeable with Amoxil
- (2) Injectable Medicines Guide - Medusa. Accessed online 25/11/2021
- (3) [GUH antimicrobial guidelines](#)
- (4) Amoxicillin 500mg SPC accessed 16/12/21

Therapeutic classification

Broad-spectrum penicillin

BNF

[Bacterial infection](#)