

## 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 <sup>2</sup> )	Dose
Greater than 10	No adjustment necessary
less than 10	250mg to 1g every eight hours. High dose regimens eg <b>endocarditis and listeria meningitis:</b> 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](#)