

## 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)

Amoxicillin 1g vial (Centraform) (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) <sup>(ref 1)</sup>

- 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 <sup>(BNF)</sup>

- Give 500mg every eight hours

### Community acquired pneumonia <sup>(ref 2)</sup>

- Give 1g every eight hours
- Given in combination with other drugs

## Severe infections <sup>(BNF)</sup>

- Give 1g every six hours

## Listerial meningitis <sup>(BNF)</sup>

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

## Endocarditis <sup>(BNF)</sup>

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

## Renal impairment <sup>(ref 2)</sup>

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

SPC January 2023

1. Injectable Medicines Guide - Medusa. Accessed online 21/01/2025
2. [GUH antimicrobial guidelines](#)

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## Therapeutic classification

Broad-spectrum penicillin

### BNF

[Bacterial infection](#)