

## 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) (ref 1)

- 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 2)

- 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 2)

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

## Storage

Store below 25<sup>0</sup>C

## References

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1. Injectable Medicines Guide - Medusa. Accessed online 21/01/2025

2.Â GUH antimicrobial guidelinesÂ

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## Therapeutic classification

Broad-spectrum penicillin

### **BNF**

Bacterial infection