

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
- Hepatic events (most frequently **cholestatic hepatitis**^(ref 2)) have been reported, predominantly in **males** and **elderly patients** and may be associated with prolonged treatment. Signs and symptoms usually occur during or shortly after treatment but in some cases may not become apparent until **several weeks** after treatment has ceased.
- Search synonym: Coamoxiclav, Augmentin

Available preparations

Co-amoxiclav 1.2g vial

Co-amoxiclav 600mg vial

Reconstitution

Water for injection

20mL per 1.2g vial

10mL per 600mg vial

See under storage below regarding maximum storage time after reconstitution

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 (all doses)

- Administer over 3 to 4 minutes

Intermittent intravenous infusion (all doses)

- Add required dose to 100mL of infusion fluid
- A 50ml infusion may be used if required (eg fluid restriction) but the residual volume in the infusion line must be flushed through at the same rate to avoid significant underdosing
- Administer over 30 to 40 minutes

Dose in adults

Usual dose

- Give 1.2g every eight hours

Renal impairment ^(ref 1)

eGFR (ml per minute/1.73m ²)	Dose	Frequency
less than 30	1.2g	every 12 hours
Renal replacement therapy	Consult pharmacy/specialist literature	

Hepatic impairment: Use with caution in hepatic impairment, monitor hepatic function

Further information

- The dose is expressed in terms of the sum of amoxicillin and clavulanic acid content e.g. 1.2g co-amoxiclav = 1g amoxicillin and 200mg clavulanic acid.

Storage

- Store below 25⁰C
- Reconstituted solutions for injection should be administered within 15 minutes after reconstitution
- The time interval between the beginning of reconstitution and the end of intravenous infusion should not exceed one hour

References

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1:[GUH Antimicrobial Guidelines](#) Checked Oct 2024

Â 2: Uptodate, checked online Oct 2024

Augmentin, Coamoxiclav (Search term)

Search term: Augmentin

Therapeutic classification

Antibiotic