

Prescribing Information: Amoxicillin/Clavulanic Acid

Dosing errors have been reported as a result of confusion with interpreting the prescribing of amoxicillin/clavulanic acid on the medication chart.

The preferred method for the prescribing of amoxicillin/clavulanic acid is by using the total dose of both components.

The following example is how the dose should be prescribed for paediatric patients over one month old (refer to ADHB Newborn Services Guidelines for paediatric patients less than one month old).

Total amoxicillin + clavulanic acid dose (preferred method)

Date	23 AMOXICILLIN/CLAVULANIC ACID						
12	Dose	Units	Route	Frequency	Dose calculation (mg/kg/total)	Prescriber's signature	
15	450	mg	PO	TDS	30 mg/kg	SN	
	Dose range if needed	Pharmacy & special instructions	Pharm	Sign, date and time to cancel			
	TOTAL						

Oral

The usual oral dose of amoxicillin/clavulanic acid is:

- 15-30 mg/kg (**total dose amoxicillin + clavulanic acid**) TDS

For example: a 20kg child should be prescribed between 300 - 600 mg TDS.

The usual adult amoxicillin/clavulanic acid total dose is 625 mg PO TDS.

The 125 mg/31.25 mg liquid contains:

Each 5 mL contains amoxicillin 125 mg + clavulanic acid 31.25 mg (156.25 mg total)

The 250 mg/62.5 mg liquid contains:

Each 5 mL contains amoxicillin 250 mg + clavulanic acid 62.5 mg (312.5 mg total)

Each tablet contains:

Amoxicillin 500 mg + clavulanic acid 125 mg (625 mg total per tablet)

Intravenous

The usual IV dose of amoxicillin/clavulanic acid is:

- 30 mg/kg (**total dose amoxicillin + clavulanic acid**) q8h

For example: a 20kg child should be prescribed 600 mg q8h

NB: Paediatric ENT patients may receive 30 mg/kg IV q6h total amoxicillin/clavulanic acid if higher doses are required.

The usual adult amoxicillin/clavulanic acid dose is 1.2 g IV q8h.

The 600 mg injection contains:

Amoxicillin 500 mg + clavulanic acid 100 mg

The 1.2 g injection contains:

Amoxicillin 1 g + clavulanic acid 200 mg