

Antibiotic	Route	Vial size available	Reconstitution	Speed of bolus	Infusion	
					Suitable fluid & volume	Speed of infusion
Amoxicillin	Bolus	1g	Water for injection 10ml per 500mg	3-4 mins		
Co-amoxiclav	Bolus	1.2g	Water for injection 20ml per 1.2g	3-4 mins		
Cefuroxime*	Bolus	750mg & 1.5g	Water for injections: 750mg vial: 6ml 1.5g vial: 15ml	3-5 mins		
Ceftriaxone	Bolus up to 1g only <b>2g give by infusion</b>	1g	Water for injection 1g vial: 10ml	Doses of <b>1g ONLY</b> , over 5 mins	100ml Sodium chloride 0.9%	30 mins
Ceftazidime	Bolus 1g & 2g only. <b>3g give by infusion</b>	1g & 2g	Sodium chloride 10ml for 1g & 2g vial <i>Follow manufacturer's instructions. (gas released as product dissolves)</i>	3-4 mins	100ml Sodium chloride 0.9% <i>Follow manufacturer's instructions. 2 stage process.</i>	15-30 mins
Daptomycin* <b>Monitoring required</b>	Bolus preferred or infusion	350mg & 500mg	Sodium chloride 0.9%: 350mg vial: 7mL 500mg vial: 10mL <i>Follow manufacturer's instructions. (Need to stand for 10mins, DO NOT shake, etc.)</i>	Min. 2 mins	50ml sodium chloride 0.9%	30 mins
Ertapenem	Infusion ONLY	1g	Water for injection or sodium chloride 0.9% 10ml for 1g vial then dilute to final concentration not exceeding 20mg/ml		50ml Sodium chloride 0.9%	30 mins
Meropenem	Bolus preferred or infusion	1g	Water for injection 20ml per 1g Shake to dissolve	Over 5 mins	Sodium chloride 0.9% Final concentration of 1 to 20mg/ml	15-30 mins
Piperacillin/Tazobactam (Tazocin®)	Infusion ONLY	4.5g	Water for injection or sodium chloride 0.9% 20ml per 4.5g		100ml Sodium chloride 0.9%	30 mins
Temocillin	Bolus	1g	Water for injection 1g vial: 10ml	3-4 mins		
Teicoplanin <b>Monitoring required</b>	Bolus up to 800mg <b>&gt;800mg by infusion</b>	400mg	Use vial provided. Do not shake. Roll to dissolve. If goes foamy leave for 15mins for foam to subside.	3-5 mins PER SYRINGE	100ml Sodium chloride 0.9%	Up to 1.2g over 30 mins >1.2g agree with OPAT
Tigecycline*	<b>Infusion ONLY</b>	50mg	Add 5.3mL sodium chloride 0.9% or glucose 5% to each 50mg vial		100ml sodium chloride 0.9% or glucose 5%	30 mins

\*Daptomycin, Cefuroxime & Tigecycline and can be used in the community but ONLY if initiated in secondary care on advice from OPAT. Linezolid and metronidazole can be given IV if initiated in secondary care but are often given orally due to good oral bioavailability.