

Zoledronic Acid

Note: Do not use Zerlinda 4mg/ 100mL Pre-Made bags for 5mg doses																	
Form	There are two preparations currently available in CUH: 1. Zerlinda 4mg/100mL solution for infusion (for 4mg doses and less) 2. Zoledronic Acid 4mg/5mL concentrate for solution for infusion (for 5mg dose only)																
Reconstitution	Already in solution 1. Zerlinda product ready for infusion 2. Zoledronic Acid (Mylan & Teva) 4mg/5mL vials must be diluted further prior to administration																
Compatibility & Stability	Sodium chloride 0.9% Glucose 5%																
Administration	Patients must be well hydrated prior to and following administration.																
	1. Zerlinda solution for infusion (IV Infusion)																
	Give dose over at least 15 mins																
	<table><tr><th colspan="3">Preparation of infusion for doses less than 4mg</th></tr><tr><th>Dose of zoledronic acid (mg/100mL)</th><th>Volume to be removed from ready-to-use bag (mL)</th><th>Replace with following volume of sodium chloride 0.9% or glucose 5% (mL)</th></tr><tr><td>3.5mg</td><td>12ml</td><td>12ml</td></tr><tr><td>3.3mg</td><td>18ml</td><td>18ml</td></tr><tr><td>3mg</td><td>25ml</td><td>25ml</td></tr></table>		Preparation of infusion for doses less than 4mg			Dose of zoledronic acid (mg/100mL)	Volume to be removed from ready-to-use bag (mL)	Replace with following volume of sodium chloride 0.9% or glucose 5% (mL)	3.5mg	12ml	12ml	3.3mg	18ml	18ml	3mg	25ml	25ml
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3.5mg	12ml	12ml															
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2. Zoledronic Acid 4mg/5mL concentrate (IV Infusion)																	
Dilute required dose with 100mL compatible fluid Give over at least 15 minutes.																	
	<table><tr><th>Dose</th><th>Volume of concentrate</th></tr><tr><td>5mg</td><td>6.3mL</td></tr></table>		Dose	Volume of concentrate	5mg	6.3mL											
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Monitoring	<ul style="list-style-type: none">• Monitor serum electrolytes, calcium, phosphate and magnesium.• Monitor renal function.																
Adverse effects	<p>The following are the important identified risks with zoledronic acid in the approved indications:</p> <ul style="list-style-type: none">• Renal function impairment, osteonecrosis of the jaw, acute phase reaction, hypocalcaemia, atrial fibrillation, anaphylaxis, interstitial lung disease.																

Information provided relates to Zoledronic Acid (Mylan & Teva) Zerlinda (Teva)

This information has been summarised to act as a guide for those administering IV medication. The monograph should be used in conjunction with the drug data sheet and BNF for information on dose, adverse effects, cautions and contra-indications. Further information is available from Pharmacy on 22146 or 22542