

Tobramycin

Tobramycin dosing is weight based; ensure accuracy of documented weight before administration	
Restricted Antimicrobial See CUH Antimicrobial Guidelines on Eolas for further information	
CAUTION: High Administration Risk Rating	
Form	80mg per 2mL vial
Reconstitution	Already in solution
Compatibility & Stability	Sodium Chloride 0.9% Glucose 5%
Administration	Multiple Daily Dosing
	<p>IV Infusion Dilute in 50 - 100mL compatible fluid and give over 20 - 60 minutes.</p>
	<p>IV Injection Slow Injection over 3 - 5 minutes May be diluted to 10 mL with sodium chloride 0.9% or glucose 5% to facilitate slow administration</p>
	<p>IM Injection Give by deep IM injection</p>
	Once Daily Dosing
	<p>IV Infusion Dilute to 100mL compatible fluid and give over 60 minutes.</p>
	<p>IV Injection Not recommended</p>
	<p>IM Injection Not recommended</p>
Monitoring	<p>Plasma level monitoring recommended; refer to CUH antimicrobial guidelines on Eolas for further information.</p> <ul style="list-style-type: none"> • Monitor renal function before starting and during treatment. • Monitor auditory and vestibular function during treatment.
Extravasation	Extravasation may cause damage due to low pH.
Additional Information	<ul style="list-style-type: none"> • To avoid excessive dosage in obese patients (where Actual Body Weight is more than 120% of Ideal Body Weight), use Adjusted Body Weight to calculate dose – see the CUH Antimicrobial Guidelines on Eolas for guidance. Dose should be rounded to nearest vial. • Duration should be kept as short as possible (usual maximum duration 5-7 days) to minimise risk of ototoxicity and nephrotoxicity.

Information provided relates to Tobramycin manufactured by Pfizer, Flynn Pharma and Mylan.

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