



ADULT Medication Monograph

# AMIKACIN




This document should be read in conjunction with this [DISCLAIMER](#)

[Antimicrobial Restriction – Restricted \(IV\)](#)

**HIGH RISK Medication** 

<b>Presentation</b>	Ampoule: 500mg/2mL		
<b>Dose</b>	<b>Creatinine Clearance</b>	<b>Dose</b>	<b>Dose frequency</b>
	More than 60mL/min	16 - 20mg/kg	24 hourly
	40 - 60mL/min	16 - 20mg/kg	36 hourly
	Less than 40mL/min	16mg/kg	Single dose then Contact Micro
<b>Administration</b>	<p><b><u>IV Injection</u></b> For doses less than 500mg inject over 3 to 5 minutes</p> <p><b><u>IV infusion</u></b> <b><i>Step 1 Dilution:</i></b> Dilute dose in 100mL sodium chloride 0.9% or Glucose 5% <b><i>Step 2 Administration:</i></b> Infuse over 30 to 60 minutes</p>		
<b>Pregnancy</b>	<p><b>1<sup>st</sup> Trimester:</b> Monitoring required <b>2<sup>nd</sup> Trimester:</b> Monitoring required <b>3<sup>rd</sup> Trimester:</b> Monitoring required</p> <p>For more information, please contact <a href="#">KEMH Obstetric Medicines Information Service</a>.</p>		
<b>Breastfeeding</b>	Safe to use		
<b>Monitoring</b>	Seek specialist help from on-call microbiologist		
<b>Clinical Guidelines and Policies</b>	<p>WNHS Policy: <a href="#">Antimicrobial Stewardship</a></p> <p>KEMH Pharmaceutical &amp; Medicines Management Guideline: <a href="#">Medication Administration</a></p> <p>KEMH Adult Medication Monograph: <a href="#">Gentamicin Dosing and Monitoring</a></p>		

<b>References</b>	<p>Society of Hospital Pharmacists of Australia. Amikacin. In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2019 [cited 2019 Feb 07]. Available from: <a href="http://aidh.hcn.com.au">http://aidh.hcn.com.au</a></p> <p>Therapeutic Guidelines. Aminoglycoside use: empirical therapy. In: eTG complete [Internet]. West Melbourne (Victoria): Therapeutic Guidelines; 2019 [cited 2019 Feb 07]. Available from: <a href="https://tgldcdp.tg.org.au">https://tgldcdp.tg.org.au</a></p> <p>The Royal Women's Hospital. Amikacin. In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2019 [cited 2019 Feb 07]. Available from: <a href="https://thewomenspbmq.org.au/">https://thewomenspbmq.org.au/</a></p>
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