



ADULT

# ERTAPENEM




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

**Antimicrobial Restriction – Restricted (IV)**

Pre-approval required by Clinical Microbiologist

<b>Presentation</b>	Vial: 1g
<b>Dose</b>	<b>Route: IV/IM</b> Dose 1g once daily
<b>Administration</b>	<p><b><u>Route 1: IV</u></b></p> <p><b>Step 1 Reconstitution:</b> Reconstitute 1g vial with 10mL of WFI or sodium chloride 0.9%</p> <p><b>Step 2 Dilution:</b> Dilute the reconstituted solution in 50mL of sodium chloride 0.9%</p> <p><b>Administration:</b> Infuse over 30 minutes</p> <p><b><u>Route 2: IM</u></b></p> <p><b>Step 1 Reconstitution:</b> Reconstitute the 1 g vial with 3.2 mL of lignocaine hydrochloride 1% (without adrenaline). Shake well to dissolve. <b>Do not inject this solution intravenously</b></p> <p><b>Administration:</b> Inject deep into a large muscle mass</p>
<b>Pregnancy</b>	<p><b>1<sup>st</sup> Trimester:</b> Consider alternative – see below</p> <p><b>2<sup>nd</sup> Trimester:</b> Consider alternative – see below</p> <p><b>3<sup>rd</sup> Trimester:</b> Considered safe to use</p> <p>Published reports describing the use of ertapenem during pregnancy have not been located. Ertapenem has not been shown to have teratogenic effects in laboratory animals However; ertapenem should only be used during pregnancy if it is the medicine of choice. Consultation with an Infectious Diseases Specialist or Clinical Microbiologist for further advice is required.</p>
<b>Breastfeeding</b>	Considered safe to use

<b>Monitoring</b>	Renal function, hepatic function and complete blood count during prolonged treatment
<b>Other clinical guidelines</b>	<a href="#">WNHS Policy: Antimicrobial Stewardship at KEMH</a> <a href="#">KEMH Antimicrobial Stewardship: Antimicrobial Restriction Category List</a>
<b>References</b>	<p>Australian Medicines Handbook. Ertapenem. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2014 [cited 2014 Dec 07]. Available from: <a href="https://amhonline.amh.net.au/">https://amhonline.amh.net.au/</a></p> <p>Society of Hospital Pharmacists of Australia. Ertapenem In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2014 [cited 2014 Dec 07]. Available from: <a href="http://aidh.hcn.com.au">http://aidh.hcn.com.au</a></p> <p>The Royal Women's Hospital. Ertapenem. In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2016 [cited 2016 May 16]. Available from: <a href="https://thewomenspbmg.org.au/">https://thewomenspbmg.org.au/</a></p>

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