



ADULT Medication Monograph

ERTAPENEM




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

Antimicrobial Restriction – Restricted (IV)

Pre-approval required by Clinical Microbiologist

Class	Carbapenem antibiotic	
Presentation	Vial: 1g	
Storage	Store at room temperature, below 25°C	
Dose	IV/IM: 1g once daily	
Administration	<p><u>IV:</u></p> <p>Step 1 Reconstitution: Reconstitute 1g vial with 10mL of WFI or sodium chloride 0.9%</p> <p>Step 2 Dilution: Dilute the reconstituted solution in 50mL of sodium chloride 0.9%</p> <p>Step 3 Administration: Infuse over 30 minutes</p> <p><u>IM:</u></p> <p>Step 1 Reconstitution: Reconstitute the 1 g vial with 3.2 mL of lignocaine hydrochloride 1% (without adrenaline). Shake well to dissolve. Do not inject this solution intravenously</p> <p>Step 2 Administration: Inject deep into a large muscle mass</p>	
Pregnancy	<p>1st Trimester: Consider alternative</p> <p>2nd Trimester: Consider alternative</p> <p>3rd Trimester: Consider alternative</p>	<p>Reports describing the use of ertapenem during pregnancy have not been located. Ertapenem has not been shown to have teratogenic effects in laboratory animals. It should only be used during pregnancy if it is the medicine of choice. Consultation with an Infectious Diseases Specialist or Clinical Microbiologist is required. For more information contact KEMH Obstetric Medicines Information Service</p>

Breastfeeding	Considered safe to use
Monitoring	Renal function, hepatic function and complete blood count during prolonged treatment
Clinical Guidelines and Policies	<p>HDWA Policies: WA Adult Medicines Formulary</p> <p>WNHS Policies: Antimicrobial Stewardship</p> <p>KEMH Pharmaceutical & Medicines Management Guidelines: Medication Administration</p>
References	<p>Australian Medicines Handbook. Ertapenem. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2020 [cited 2020Dec 01]. Available from: https://amhonline.amh.net.au/</p> <p>Society of Hospital Pharmacists of Australia. Ertapenem In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2020[cited 2020 Dec 01]. Available from: http://aidh.hcn.com.au</p> <p>The Royal Women's Hospital. Ertapenem. In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2020 [cited 2020 Dec 01]. Available from: https://thewomenspbmq.org.au/</p> <p>WA Adult Medicines Formulary Ertapenem 2020 [cited 2020 Dec 01].</p>

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