



ADULT Medication Monograph

CEFAZOLIN (CEPHALOZIN)




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

[Antimicrobial Restriction – Unrestricted](#)

Presentation	Vial: 1g, 2g
Dose	<p>Refer to relevant KEMH Clinical Guidelines for further information (links below)</p> <p><u>Surgical prophylaxis</u></p> <p><i><u>Caesarean section</u></i></p> <p>IV: 2g (if BMI > 40, may give 3g) within 60 minutes (ideally 15 – 30 minutes) before skin incision.</p> <p><i><u>Gynaecology and urogynaecology surgery</u></i></p> <p>IV: 2g within 60 minutes, ideally 15 – 30 minutes, before skin incision. (consider a repeat intra-operative dose for procedures > 4 hours)</p> <p><u>Prevention of neonatal Group B streptococcal disease</u></p> <p>IV: <i>Loading dose: 2g</i> <i>Maintenance: 1g every 8 hours until delivery</i></p> <p><u>Mastitis</u></p> <p>IV: 2g every 8 hours for 48-72 hours before changing to oral regimen</p> <p><i><u>Hospital @ home</u></i></p> <p>IV: 2g every 12 hours for 48 hours before changing to oral regimen</p>

Administration	<p><u>IV bolus</u></p> <p>Step 1 Reconstitution: Reconstitute the 1g or 2g with at least 10mL of water for injections</p> <p>Step 2 Administration: Inject slowly over 3 to 5 minutes. Dose of 2g should be injected over at least 5 minutes.</p> <p><u>IV infusion</u></p> <p>Step 1 Reconstitution: Reconstitute as above</p> <p>Step 2 Dilution: Dilute the dose with 50-100mL of sodium chloride 0.9% or glucose 5%</p> <p>Step 3 Administration: Infuse over 10 to 60 minutes</p>
Pregnancy	<p>1st Trimester: Safe to use</p> <p>2nd Trimester: Safe to use</p> <p>3rd Trimester: Safe to use</p>
Breastfeeding	Safe to use
Monitoring	Monitor renal function and complete blood count during prolonged (>10 days) and/or high-dose treatment
Other clinical guidelines	<p>WNHS Policy:</p> <p>Antimicrobial Stewardship</p> <p>KEMH Clinical O&G Guidelines:</p> <p>Infections: Urinary tract infection in pregnant women</p> <p>Mastitis: Management of</p> <p>Perineal trauma: management of third and fourth degree</p> <p>Infections (obstetrics and gynaecological): Antibiotic Prophylaxis for Caesarean Section</p> <p>Infections: Antibiotic prophylaxis for gynaecology and urogynaecology surgery</p> <p>Group B Streptococcal Disease</p>
References	<p>Australian Medicines Handbook. Cefazolin. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2019 [cited 2019 Mar 20]. Available from: https://amhonline.amh.net.au/</p> <p>Society of Hospital Pharmacists of Australia. Cefazolin . In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2019 [cited 2019 Mar 20]. Available from: http://aidh.hcn.com.au</p> <p>The Royal Women's Hospital. Cefazolin. In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's</p>

	<p>Hospital; 2016 [cited 2019 Mar 20]. Available from: https://thewomenspbmg.org.au/</p> <p>Therapeutic Guidelines. Cross-reactivity between betalactams. In: eTG complete [Internet]. West Melbourne (Victoria): Therapeutic Guidelines Antibiotic V15; [cited 2019 Mar 20]. Available from: https://tgldcdp.tg.org.au</p>
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