



ADULT




RIFAMPICIN

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

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

Presentation	Mixture: 100mg/5mL Capsule: 300mg Vial: 600mg (10mL water for injections provided as diluent)
Dose	<u>MRSA infection (as part of multi-medication regimen)</u> Oral/IV: 600mg daily in 1 or 2 doses
Administration	<u>IV Infusion:</u> <u>Option A</u> <i>Step 1 Reconstitution:</i> Reconstitute the vial with 10mL water for injections, swirl gently and continuously until the powder has completely dissolved <i>Step 2 Dilution:</i> Dilute the dose in 500mL of glucose 5% or sodium chloride 0.9% <i>Step 3 Administration:</i> Infuse over 1-3 hours <u>Option B</u> <i>Step 1 Reconstitution:</i> Reconstitute as above <i>Step 2 Dilution:</i> Dilute the dose in 100mL of glucose 5% or sodium chloride 0.9% <i>Step 3 Administration:</i> Infuse over 30 minutes <u>Oral</u> Take at least half an hour before food
Pregnancy	1st Trimester: Considered safe to use 2nd Trimester: Considered safe to use safe 3rd Trimester: Monitoring required (see below)

	<p>Rifampicin used in the last few weeks of pregnancy may be associated with an increased risk of haemorrhagic disorders in the newborn.</p> <p>Maternal supplementation with vitamin K should be given during the last four to eight weeks of pregnancy and neonatal vitamin K at birth is recommended</p>
Breastfeeding	Considered safe to use
Monitoring	<p>Urine, faeces, sweat and tears may become orange-red and soft contact lenses may be permanently stained</p> <p>Rifampicin interacts with many drugs</p> <p>Obtain liver function tests, serum creatinine and complete blood count before treatment then monitor regularly during treatment</p> <p>Stop if thrombocytopenia occurs</p> <p>Rifampicin may can reduce effectiveness of contraceptive medications</p> <p>Take dose regularly as stop-start dosing can cause flu-like illness</p>
Clinical Guidelines and Policies	<p>Vitamin K Administration</p> <p>Preterm Labour</p> <p>Implanon NXT® - Etonorgestrel Implant</p> <p>Combined Oral Contraceptive Pill (COCP)</p> <p>Antimicrobial Stewardship (AMS) policy</p> <p>Standard Procedures for Reconstitution and Administration of Intravenous Drugs</p> <p>Intravenous Medications – procedure for reconstitution and administration</p>
References	<p>Australian Medicines Handbook. Rifampicin. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2017 [cited 2017 Nov 19]. Available from: https://amhonline.amh.net.au/</p> <p>Society of Hospital Pharmacists of Australia. Rifampicin . In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2017 [cited 2017 Nov 19]. Available from: http://aidh.hcn.com.au</p> <p>The Royal Women's Hospital. Rifampicin. In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2016 [cited 2017 Nov 19]. Available from: https://thewomenspbmg.org.au/</p>

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