



ADULT MEDICATION GUIDELINE

DAPTOMYCIN

Scope (Staff): All WNHS Staff

Scope (Area): Obstetrics and Gynaecology

This document should be read in conjunction with the [Disclaimer](#).

Quick Links

[Dose](#)

[Administration](#)

[Monitoring](#)

[Pregnancy and
Breastfeeding](#)

Restrictions

[Formulary: Highly Restricted](#)

Medication Class

Antibiotic

Presentation

Vial: 500mg

Storage

Store between 2 and 8 °C.

Dose

Gram-positive bacteraemia, when other agents are unsuitable (usually reserved for MRSA)

IV:

4 - 6mg/kg once daily (doses of 8-12 mg/kg have been used)

Administration

Refer to the [Australian Injectable Drugs Handbook](#)

IV injection

Step 1 Reconstitution:

Reconstitute 500mg vial with 10mL sodium chloride 0.9%, added SLOWLY.

Gently rotate the vial to wet all the powder. **DO NOT SHAKE.**

Allow vial to stand for 10 minutes then gently rotate again until completely dissolved.

Step 2 Administration:

Inject over 2 minutes

IV infusion

Step 1 Reconstitution:

Reconstitute as above

Step 2 Dilution:

Dilute with 50mL sodium chloride 0.9%

Step 3 Administration:

Infuse over 30 minutes

Monitoring

Measure creatine kinase at baseline at least once each week; monitor every 2 days if other risk factors (e.g. severe renal impairment, use of other drugs that can cause myopathy).

Monitor renal and fever function regularly.

Stop treatment if signs of peripheral neuropathy such as numbness, tingling, muscle pain or tenderness, weakness or cramps

Pregnancy

1st Trimester: Consider alternative

2nd Trimester: Considered safe to use

3rd Trimester: Considered safe to use

Breastfeeding

Considered safe to use

Related Policies, Procedures & Guidelines

HDWA Mandatory Policies:

[WA Adult Medicines Formulary](#)

WNHS Clinical Practice Guidelines:

[Antimicrobial Stewardship](#)**References**

Australian Medicines Handbook. Daptomycin. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2022 [cited 2022 Aug 09]. Available from: <https://amhonline-amh-net-au>.

Society of Hospital Pharmacists of Australia. Daptomycin. In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2022 [cited 2022 Aug 09]. Available from: <http://aidh.hcn.com.au>

The Royal Women's Hospital. Daptomycin. In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2022 [cited 2022 Aug 09]. Available from: <https://thewomenspbmg.org.au>

Keywords	Daptomycin, MRSA				
Document Owner:	Chief Pharmacist				
Author/ Reviewer	KEMH Pharmacy Department				
Version Info:	2.0				
Date First Issued:	June 2018	Last Reviewed:	August 2022	Review Date:	August 2025
Endorsed by:	Medicines and Therapeutics Committee			Date:	06/09/2022
NSQHS Standards Applicable:	<input checked="" type="checkbox"/>  Std 1: Clinical Governance <input type="checkbox"/>  Std 2: Partnering with Consumers <input checked="" type="checkbox"/>  Std 3: Preventing and Controlling Healthcare Associated Infection <input checked="" type="checkbox"/>  Std 4: Medication Safety		<input type="checkbox"/>  Std 5: Comprehensive Care <input type="checkbox"/>  Std 6: Communicating for Safety <input type="checkbox"/>  Std 7: Blood Management <input type="checkbox"/>  Std 8: Recognising and Responding to Acute Deterioration		
Printed or personally saved electronic copies of this document are considered uncontrolled. Access the current version from WNHS HealthPoint.					

The health impact upon Aboriginal people has been considered, and where relevant incorporated and appropriately addressed in the development of this document (insert ISD Number). (Please refer to the Aboriginal Health Impact Statement and Declaration for Department of Health and Health Service Provider Guidelines – please delete once you have completed this).

This document can be made available in alternative formats on request for a person with a disability.

© Women and Newborn Health Service 2022

Copyright of this material is vested in the State of Western Australia unless otherwise indicated. Apart from any fair dealing for the purposes of private study, research, criticism or review, as permitted under the provisions of the Copyright Act 1968, no part may be reproduced or re-used for any purposes whatsoever without written permission of the State of Western Australia.