



ADULT MEDICATION GUIDELINE

ADRENALINE (EPINEPHRINE)

Scope (Staff): All WNHS Staff

Scope (Area): Obstetrics and Gynaecology

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

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Restrictions

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[HIGH RISK Medication](#) 

Medication Class

Sympathomimetic agent acting on both alpha and beta-adrenergic receptors

Positive inotrope and chronotrope, increasing cardiac output

Raises systolic blood pressure but lowers diastolic blood pressure

Bronchial smooth muscle relaxant

Mobilises liver glycogen, resulting in hyperglycaemia

Presentation

Ampoule: 1mg/10mL or 1:10,000

Ampoule: 1mg/mL or 1:1000

Storage

Store at room temperature, below 25°C. Protect from light.

Dose

Cardiac Arrest, Anaphylaxis, Bronchospasm

Refer to WNHS Clinical Practice Guidelines: [Adult Resuscitation Drug Protocols](#): Adrenaline

Administration

- Refer to WNHS Clinical Practice Guidelines: [Adult Resuscitation Drug Protocols](#): Adrenaline

More information on administration is also available from: [Australian Injectable Drugs Handbook](#)

Monitoring

Blood Pressure, ECG, clinical response

Pregnancy

1st Trimester: Safe to use

2nd Trimester: Safe to use

3rd Trimester: Safe to use

Breastfeeding

Safe to use

Comments

Avoid repeated IM injections to the same site as may cause ischaemia and necrosis

Related Policies, Procedures & Guidelines

WNHS Clinical Practice Guidelines:

[SASA Adrenaline](#) for Community Midwifery Program

[Adult Resuscitation Drug Protocol](#)

[High Risk Medicines](#)

[Acute Deterioration \(Adult\): Resuscitation and Life Support](#)

WNHS Pharmaceutical and Medicines Management Guidelines:









[Pharmaceutical Waste: Disposal of \(QRG\)](#)

References

Society of Hospital Pharmacists of Australia (SHPA). Australian Injectable Drugs Handbook 8th Edition [Internet]. St Leonards, (NSW): Health Communication Network; 2022 [cited 2022 March 25]. Available from: <http://aidh.hcn.com.au>

Australian Medicines Handbook. Adrenaline. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2020 [cited 2022 March 25]. Available from: <https://amhonline.amh.net.au/>

MIMS Online [Internet]. St Leonards (NSW): MIMS Australia 2022 [cited 2022 March 25]. Available from: <https://www.mimsonline.com.au>

Keywords	Adrenaline, epinephrine, cardiac arrest, anaphylaxis, bronchospasm, resuscitation, EpiPen				
Document Owner:	Chief Pharmacist				
Author/ Reviewer	KEMH Pharmacy Department				
Version Info:	4.0				
Date First Issued:	December 2014	Last Reviewed:	25/03/2022	Review Date:	25/03/2025
Endorsed by:	Medicines and Therapeutics Committee			Date:	05/07/2022
NSQHS Standards Applicable:	<input checked="" type="checkbox"/>  Std 1: Clinical Governance <input type="checkbox"/>  Std 2: Partnering with Consumers <input 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		
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