



ADULT MEDICATION GUIDELINE

# Calcium Chloride

|                       |                            |
|-----------------------|----------------------------|
| <b>Scope (Staff):</b> | All WNHS Staff             |
| <b>Scope (Area):</b>  | Obstetrics and Gynaecology |

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

## Quick Links

[Dose](#)

[Administration](#)

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[Pregnancy and Breastfeeding](#)

## Restrictions

[Formulary: Unrestricted](#)

[HIGH RISK Medication](#) 

## Medication Class

Electrolyte - parenteral

## Presentation

**Vial:** 1 g /10 mL (10%)  
(containing 6.8 mmol calcium and 13.6 mmol chloride)

## Storage

Store at room temperature, below 30°C

## Dose

Refer to KEMH Clinical Guideline: Pain and Anaesthesia: Adult Resuscitation Drug Protocols:  
[Calcium Chloride](#)

***This is a high-risk medicine and is rapidly fatal in overdose.***

***Calcium chloride is three times more potent than calcium gluconate. Use calcium gluconate for less urgent indications. Check product selection carefully.***

***DO NOT administer via IM or subcut injection as severe necrosis may occur.***

## Administration

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

## Monitoring

Continuous cardiac monitoring is required when treating severe hyperkalemia.

If given too fast it may cause hot flushes, chalky taste, peripheral vasodilation, hypotension, bradycardia, cardiac arrhythmias, syncope and cardiac arrest.

Monitor the injection site closely, extravasation can cause tissue necrosis. Highly irritant.

## Pregnancy

**1<sup>st</sup> Trimester:** Safe to use

**2<sup>nd</sup> Trimester:** Safe to use

**3<sup>rd</sup> Trimester:** Safe to use

## Breastfeeding

Considered safe to use

## Comments

DO NOT administer if solution is cloudy or contains particles

DO NOT administer with sodium bicarbonate

## Related Policies, Procedures & Guidelines

### [High Risk Medicines](#)

KEMH Clinical Guideline: Pain and Anaesthesia: [Adult resuscitation drug protocols](#)

KEMH Clinical Guideline: O&G: [Resuscitation trolley checking and equipment \(adult & neonatal\)](#)









## References

MIMS Australia. Calcium Chloride Injection (Phebra). In: MIMS Online [Internet]. St Leonards (New South Wales): MIMS Australia; 2020 [cited 2022 Mar 08]. Available from: <https://www.mimsonline.com.au>

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|---|--|----------------|---|--------------|------------|
| Keywords  | Calcium Chloride, Hyperkalaemia, Hypocalcaemia, Resuscitation  |                |   |              |            |
| Document Owner:   | Chief Pharmacist   |                |   |              |            |
| Author/ Reviewer  | KEMH Pharmacy Department   |                |   |              |            |
| Version Info:   | 5.0  |                |   |              |            |
| Date First Issued:  | 01/2015  | Last Reviewed: | March 2022  | Review Date: | March 2025 |
| Endorsed by:  | Medicines and Therapeutics Committee   |                |   | Date:        | 04/05/2022 |
| NSQHS Standards Applicable:   | <input checked="" type="checkbox"/>  Std 1: Clinical Governance<br><input type="checkbox"/>  Std 2: Partnering with Consumers<br><input type="checkbox"/>  Std 3: Preventing and Controlling Healthcare Associated Infection<br><input checked="" type="checkbox"/>  Std 4: Medication Safety |                | <input type="checkbox"/>  Std 5: Comprehensive Care<br><input type="checkbox"/>  Std 6: Communicating for Safety<br><input type="checkbox"/>  Std 7: Blood Management<br><input checked="" type="checkbox"/>  Std 8: Recognising and Responding to Acute Deterioration |              |            |
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