



**ADULT MEDICATION GUIDELINE**

**CALCIUM GLUCONATE**

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

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

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**Medication Class**

Antidotes

**Presentation**

**Vial: 931mg/10mL (2.2mmol of calcium in 10mL)**

**Storage**

Store below 30°C. Do not refrigerate

**Dose**

Refer to KEMH Clinical Guideline: Anaesthetics Protocol: Adult Resuscitation Drug Protocols: [Calcium Gluconate \(Intranet\)](#)

- *This is a high-risk medicine and is rapidly fatal in overdose*
- *Do not administer via IM or subcut injection as severe necrosis may occur*

**Administration**

Refer to KEMH Clinical Guideline: Anaesthetics Protocol: Adult Resuscitation Drug Protocols:

[Calcium Gluconate \(Intranet\)](#)**Monitoring**

- Continuous cardiac monitoring is required when treating severe hyperkalaemia.
- If given too fast it may cause hot flushes, chalky taste, peripheral vasodilation, hypotension, bradycardia, cardiac arrhythmias, syncope and cardiac arrest.
- Highly irritant. Extravasation may cause tissue necrosis. Monitor injection site closely.

**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 GIVE BY IM OR SC AS SEVERE NECROSIS MAY OCCUR
- DO NOT administer if solution is cloudy or contains particles
- DO NOT administer with Sodium Bicarbonate
- Continuous cardiac monitoring is required when treating severe hyperkalaemia
- Safety notice: [New labelling of intravenous calcium gluconate](#)

**Related Policies, Procedures & Guidelines****WNHS Clinical Practice Guidelines:**

[High Risk Medications \(Intranet\)](#)

[Adult Resuscitation Drug Protocol \(Intranet\)](#)

[Hypertension in Pregnancy: Magnesium Anticonvulsant Therapy](#)

[Preterm Labour: Magnesium Sulfate for Neuroprotection of the Fetus \(Intranet\)](#)

[Hypertension in Pregnancy: Midwifery Care](#)









**References**

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