



## ADULT MEDICATION GUIDELINE




# CALCIUM CHLORIDE

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

**HIGH RISK Medication** 

<b>Presentation</b>	<b>Vial:</b> 1g/10mL (10%) (10mL contains 6.8mmol calcium and 13.6mmol chloride)
<b>Dose and Administration</b>	Refer to KEMH Clinical Guideline: Pain and Anaesthesia: Adult Resuscitation Drug Protocols: <a href="#">Calcium Chloride</a> <ul style="list-style-type: none"> <li>➤ <i>This is a high-risk medicine and is rapidly fatal in overdose.</i></li> <li>➤ <i>Calcium chloride is three times more potent than calcium gluconate. Use calcium gluconate for less urgent indications.</i></li> <li>➤ <i>Do not administer via IM or subcut injection as severe necrosis may occur</i></li> </ul>
<b>Pregnancy</b>	<b>1<sup>st</sup> Trimester:</b> Safe to use <b>2<sup>nd</sup> Trimester:</b> Safe to use <b>3<sup>rd</sup> Trimester:</b> Safe to use
<b>Breastfeeding</b>	Safe to use
<b>Monitoring</b>	<ul style="list-style-type: none"> <li>➤ Continuous cardiac monitoring is required when treating severe hyperkalaemia.</li> <li>➤ If given too fast it may cause hot flushes, chalky taste, peripheral vasodilation, hypotension, bradycardia, cardiac arrhythmias, syncope and cardiac arrest.</li> <li>➤ Highly irritant. Extravasation may cause tissue necrosis. Monitor injection site closely.</li> </ul>
<b>Clinical Guidelines and Policies</b>	KEMH Clinical Guideline: Pain and Anaesthesia: Adult Resuscitation Drug Protocols: <a href="#">Calcium Chloride</a> KEMH Clinical Guideline: O&G: <a href="#">Resuscitation trolley checking and equipment (adult &amp; neonatal)</a>
<b>References</b>	MIMS Australia. Calcium Chloride Injection (Phebra). In: MIMS Online [Internet]. St Leonards (New South Wales): MIMS Australia; 2013 [cited 2018 Jun 19]. Available from: <a href="https://www.mimsonline.com.au">https://www.mimsonline.com.au</a>

	<p>Society of Hospital Pharmacists of Australia. Calcium Chloride. In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2018 [cited 2018 Jun 19]. Available from: <a href="http://aidh.hcn.com.au">http://aidh.hcn.com.au</a></p> <p>Australian Medicines Handbook. Calcium gluconate. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2018 [cited 2018 un 19]. Available from: <a href="https://amhonline.amh.net.au/">https://amhonline.amh.net.au/</a></p> <p>Australian Medicines Handbook. Calcium. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2018 [cited 2018 Jun 19]. Available from: <a href="https://amhonline.amh.net.au/">https://amhonline.amh.net.au/</a></p> <p>Therapeutic Guidelines. Toxicology: calcium channel blockers. In: eTG complete [Internet]. West Melbourne (Victoria): Therapeutic Guidelines; 2018 [cited 2018 Jun 19]. Available from: <a href="https://tgldcdp.tg.org.au">https://tgldcdp.tg.org.au</a></p>
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