Calcium Gluconate

CAUTION: High Administration Risk Rating	
Form	Ampoules containing calcium gluconate 10% (2.2mmol of calcium in 10mL) This is equivalent to 0.22mmol of calcium in 1mL.
Reconstitution	Already in solution Only use the ampoule if the solution is clear.
Compatibility & Stability	Sodium Chloride 0.9% Glucose 5%
Administration	**IV Injection: Emergency use only** In an emergency can be given undiluted by a slow IV injection. Administer each 10mL ampoule over a minimum of 3 - 5 minutes. **IV Infusion** Preferably administer via a central venous access device to avoid potential venous irritation. If given peripherally, choose a large vein and monitor the injection site closely. Add required dose to 50mL compatible fluid. Infuse over 10-20 minutes. If a 50ml infusion volume is used the residual volume in the infusion line **must be flushed through at the same rate** to avoid significant underdosing. Rates of administration may vary with indication
Monitoring	Monitor ECG, blood pressure and plasma-calcium levels during administration.
Extravasation	Calcium salts are highly irritant. Extravasation is likely to cause tissue damage. The infusion site must be monitored regularly to ensure extravasation injury has not occurred.
Additional Information	• Because of the risk of aluminium exposure, calcium gluconate injection packed in small-volume glass containers should not be used for repeated or prolonged treatment in children < 18 years or in patients with renal impairment • This medication is unlicensed in Ireland.

Information relates to Calcium Gluconate 10% manufactured by Braun.

This information has been summarised to act as a guide for those administering IV medication. The monograph should be used in conjunction with the drug data sheet and BNF for information on dose, adverse effects, cautions and contra-indications. Further information is available from pharmacy on 22142 or 22546.

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