

Calcium Gluconate

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
Administration Method:	<p><u>IV injection</u> In an emergency can be given undiluted by a slow IV injection. Administer each 10ml ampoule over a minimum of 3 - 5 minutes.</p> <p><u>Intermittent IV Infusion</u> Dilute each 10ml ampoule in 100ml infusion fluid and administer over at least 20 minutes but usually over a longer period of time e.g. 1 - 2 hours.</p> <p><u>Continuous IV Infusion</u> Dilute 50mL (5 x 10mL ampoules) of calcium gluconate 10% in 500mls of compatible fluid.</p> <p>Give at an initial rate of 50ml/hour adjusted according to response.</p>
Extravasation:	Calcium salts are irritant. Extravasation is likely to cause tissue damage. The infusion site must be monitored regularly to ensure extravasation injury has not occurred.
Compatibility & Stability:	Sodium Chloride 0.9% Glucose 5%
Special Notes:	<ul style="list-style-type: none"> • Monitor ECG, blood pressure and plasma-calcium levels during administration. • Only use the ampoule if the solution is clear. • This medication is unlicensed in Ireland.

Information provided 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 22146 or 22542