

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.	Store below 25°C
Reconstitution	Already in solution Only use the ampoule if the solution is clear.	
Compatibility & Stability	Sodium Chloride 0.9% Glucose 5%	
Administration	IV injection	
	In an emergency can be given undiluted by a slow IV injection. Administer each 10mL ampoule over at least 5 minutes. For treatment Hyperkalaemia –see Guidelines for the Management of HYPERKALAEMIA in Adults 2024.pdf	
	Intermittent & Continuous IV Infusion	
	Remove 100mL from 1000mL bag of compatible fluid. Add 100mL of Calcium Gluconate 10% to 900mL of compatible fluid. Give at an initial rate of 50mL/hour adjusted according to response. 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. 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	This medication is unlicensed in Ireland.	

Information provided relates to Calcium Gluconate 10% (Braun)
Last updated 31/3/26