

Hypocalcaemia

EXCLUSIONS

- Patients on RRT (refer to citrate protocol)

When monitoring ABGs replace when ionised Ca <1mmol/L and treat as per subsequent gases

Otherwise replace as below if adjusted calcium is <2.1mmol/L and recheck levels after 24 hours

Dosing and Administration

Route	Preparation	Notes
Enteral/oral	Calvive: 2 tablets daily (50mmol calcium)	If adjusted Ca <2mmol/L use IV route.
Peripheral	50mls (11.25mmol) calcium gluconate 10% in 500ml sodium chloride 0.9% or glucose 5% infusion over 4 hours	
Central venous	First line: 10mls (10mmol) calcium chloride 1mmol/ml solution as a slow bolus over at least 3 minutes Second line: 50ml (11.25mmol) calcium gluconate 10% undiluted via syringe driver over 60 mins	

Additional Information

- Correction of magnesium deficiency may be sufficient to correct calcium

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