

CALCIUM CHLORIDE (CaCl₂)
(Base Hospital Order Only)

Classification: Electrolyte

Actions:

1. Acts as an activator in transmission of nerve impulses and contraction of cardiac, skeletal, and smooth muscles.
2. Maintains cell membrane and capillary permeability.

Indications:

1. Cardiac arrest or significant instability associated with hyperkalemia (suspect in renal failure) or Ca channel blocker toxicity.
2. Overdose on Calcium Channel Blocker medications.

Contraindications: **Hypercalcemia**

Adverse Effects:

Cardiovascular
Cardiac arrest

Metabolic
Hypercalcemia

Administration:

ADULT DOSE
1 Gm slow IVP/IO

PEDIATRIC DOSE
20 mg/kg slow IVP/IO not to exceed 500 mg per dose

Onset: Immediate

Duration: 30 minutes - 2 hours

Notes:

- Calcium Chloride will precipitate if in a solution with Sodium Bicarbonate.