

**CALCIUM CHLORIDE (CaCl<sub>2</sub>)**  
**(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

**PEDIATRIC DOSE**  
20 mg/kg slow IVP maximum 500 mg

**Onset:** Immediate

**Duration:** 30 minutes - 2 hours

**Notes:**

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