

## CALCIUM CHLORIDE

**Protocols: AM 3-Dialysis/Renal Failure, TE 7-OD/Toxic Ingestion TE 6-Marine Envenomations, TB 3-Crush Syndrome**

- **Type of drug:** Electrolyte
- **Mechanism of Action:** Essential component for the functional integrity of the nervous and muscular systems, for normal cardiac contractility, and for the coagulation of blood.
- **Indications:** Hyperkalemia (except when associated with digitalis toxicity), Hypocalcemia (e.g., after multiple blood transfusions), Calcium channel blocker toxicity, Hypermagnesemia,
- To prevent hypotensive effects of calcium channel blocking agents (e.g., IV verapamil and diltiazem)
- **Contraindications:** Ventricular fibrillation during cardiac resuscitation, digitalis toxicity, Hypercalcemia
- **Precautions:** Calcium may produce vasospasm in coronary and cerebral arteries. Do not use routinely in cardiac arrest.
- **Route and Dosage:** 1 gm IV / IO. Avoid use if patient is taking Digoxin.