



**REGION 11
CHICAGO EMS SYSTEM
MEDICATION TABLE**

Medication Name: Calcium Chloride 10%
Approved: EMS Medical Directors Consortium
Effective: August 1, 2022

GENERIC NAME	Calcium Chloride 10%
TRADE NAME	NONE
CLASSIFICATION	Calcium Salt, Electrolyte replacement
DOSAGE FORMS	10%, 1 gram/10 mL, Injection, Prefilled syringe
ACTION(S)	Stabilize cardiac cell membrane in patients with hyperkalemia who are unstable or in cardiac arrest
INDICATIONS	<ul style="list-style-type: none"> • Suspected hyperkalemia with cardiac arrest or dysrhythmia • Renal patients with QRS>0.12 seconds • Crush injuries with victim still entrapped when QRS widens, peaked T waves, or ectopy
CONTRAINDICATIONS	<ul style="list-style-type: none"> • Known or documented hypersensitivity • Known or suspected digoxin toxicity • NOTE: Ensure proper IV function. IV extravasation is toxic to soft tissues.
ADULT DOSE / ROUTE	Calcium Chloride 10% 1 gram/10mL injection of prefilled syringe IV/IO
PEDIATRIC DOSE / ROUTE	20 mg/kg IV/IO slow push (0.2 mL/kg of 10% solution. Max single dose 10 ml)
SIDE EFFECTS	Minimal when used as indicated.