

Calcium Chloride 10% – 20.080

CLASS A: Premed and Hyper K

CLASS B: Calcium Channel OD

PROTOCOL(S) USED IN: Cardiac Arrest, Cardiac Dysrhythmia Tachycardia, Hyperkalemia, Poisoning & Overdoses

PHARMACOLOGY AND ACTIONS:

Cardiac protectant in hyperkalemia

INDICATIONS:

- A. Suspected hyperkalemia
- B. Calcium channel blocker overdose

CONTRAINDICATIONS:

- A. **Cannot be administered simultaneously or sequentially (without flushing) with sodium bicarbonate via same access point**

SIDE EFFECTS AND NOTES:

- A. Extremely important to flush the IV line between administration of sodium bicarbonate and calcium chloride to avoid precipitation.
- B. Extravasation of Calcium salts will cause necrosis of tissue. The IV should be secured and free blood return into the syringe should be checked 2-3 times during administration. If extravasation does occur, immediately stop administration.

ADULT DOSING:

Hyperkalemia: 1000 mg slow IV/IO over 5-10 minutes

Calcium Blocker OD: Contact OLMC for 1000 mg slow IV/IO over 5-10 minutes

PEDIATRIC DOSING:

Hyperkalemia: 20 mg/kg slow IV/IO push