

Kittitas County Prehospital EMS Protocols

SUBJECT: CALCIUM CHLORIDE

ACTION:

Positive Inotrope: increase of myocardial automaticity.

INDICATIONS:

Currently used for the reversal of calcium channel blocking type medications, hyperkalemia, black widow spider bites, and dysrhythmias in the presence of Crush Injury Syndrome.

CONTRAINDICATIONS:

Patients receiving digitalis.

PRECAUTIONS:

Flush IV line if sodium bicarbonate has been administered.

SIDE EFFECTS:

Bradycardia, Asystole, Ventricular Fibrillation

DOSAGE:

500 mg may repeat @ 3-5 minutes with total dose at 1 gram

ROUTE:

IV / IO

PEDIATRIC DOSE:

20 mg/kg

Onset 1-3 minutes, duration 30-60 minutes