

## **Sodium Bicarbonate (NaHCO<sub>3</sub>)**

### **Protocols:**

1. Excited Delirium
2. Adult and Pediatric Cardiac Arrest – General
3. Poisoning/Overdose
4. Crush Injury


### **Indications:**

1. Cardiac arrest with suspected hyperkalemia
2. Tricyclic antidepressant (TCA)
3. To cause alkalization in significant acidosis

### **Contraindications:**

1. Hypersensitivity to sodium bicarbonate
2. Severe pulmonary edema
3. Known Alkalosis

### **Dosing:**

1. Adults in Excited Delirium: 50 mEq IV
-  2. Adult and Pediatric Cardiac Arrest: 1 mEq/kg IV/IO
3. TCA overdose with widened QRS
  - a. 1-2 mEq/kg IV/IO
  - b. May be repeated to narrow QRS and improve blood pressure
4. Crush Injury: 1 mEq/kg IV/IO, max dose 50 mEq

### **Precautions:**

1. Must flush IV line between medications
2. Administer slowly
3. Only given if acidosis is suspected