

Sodium Bicarbonate (NaHCO₃)

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