

SODIUM BICARBONATE

Protocols: AM 3-Dialysis Renal Failure, TE 7-OD/Toxic Ingestion, TB 3-Crush Syndrome

- **Type of drug:** Systemic hydrogen ion buffer
- **Mechanism of Action:** Buffers acid buildup in the body to correct metabolic acidosis and assist returning the blood to a physiologic pH.
- **Indications:** TCA overdose, Cardiac Arrest in Dialysis/Renal Failure, Crush Syndrome
- **Contraindications:**
- **Precaution:** Sodium bicarbonate administration can result in metabolic alkalosis or sodium overload. Use with caution in patients with CHF and renal failure. Avoid administration in same IV/IO line with Calcium Chloride.
- **Route and Dosage:** Adult 50 mEq IV bolus, Pediatric 1 mEq/kg, Max of 50 mEq.
- **Adverse reactions and side effects:** CHF, metabolic alkalosis, tissue necrosis at IV site.