

SODIUM BICARBONATE

NAME:	Sodium Bicarbonate (NaHCO ₃)
CLASS:	Alkalinizer, buffer, electrolyte supplement. thereby can act to buffer metabolic acidosis. As the plasma H ⁺ ion concentration decreases, blood pH rises.
INDICATION:	Late in management of cardiac arrest (if at all), severe acidosis refractory to hyperventilation, known hyperkalemia, upon return of spontaneous circulation after long arrest interval, tricyclic antidepressant overdose, phenobarbital overdose.
CONTRAINDICATIONS:	Patent airway, respiratory acidosis, alkalotic states, severe pulmonary edema, abdominal pain of unknown origin.
PRECAUTIONS:	adequate ventilations, correct dosage is essential to avoid over compensation of pH (important to calculate the dosage based on pt weight and size).
SIDE EFFECTS:	Metabolic alkalosis, fluid overload, hypoxia, rise in intracellular PCO ₂ , increased tissue acidosis.
DOSAGE:	Adult 1mEq/kg repeat with 0.5mEq/kg q 10 min. Peds: 1mEq/kg IV infuse slowly
SUPPLIED:	50mEq in 50ml
ROUTE:	IV only

REFERENCES:

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