

SODIUM BICARBONATE (NAHCO₃)

THERAPEUTIC EFFECTS	Provides bicarbonate to assist the buffer system in reducing the effects of acidosis.		
INDICATIONS	<ol style="list-style-type: none"> 1. Cyclic anti-depressant overdose with QRS duration > 100 msec. 2. Post-resuscitation hypotension 3. Pulseless electrical activity with hydrogen ion acidosis 4. Crush injury 		
CONTRAINDICATIONS	None when used in severe hypoxia or late cardiac arrest.		
PRECAUTIONS/SIDE EFFECTS	May cause alkalosis if administered too aggressively. It may also deactivate vasopressors and may precipitate when administered with calcium chloride.		
ADULT DOSAGE/ROUTE	Indication 1 1 mEq/kg IV/IO bolus and may repeat q 10 minutes x3 for persistent QRS > 100 msec.	Indications 2,3 1 mEq/kg IV/IO.	Indication 4 1 mEq/kg IV/IO. In the case of hyperkalemia, to be followed by sodium bicarbonate, 1 mEq/kg added 1000cc NS wide open.
PEDIATRIC DOSAGE/ROUTE	Same as adult.		