



Section 13: Appendix 1: Medications

SODIUM BICARBONATE

Pregnancy Category - C

P PARAMEDIC P

ACTIONS	Alkalinizing agent Decreases absorption of certain drug in the kidneys
INDICATIONS	1. Used in cardiac arrest for known dialysis patients 2. Tricyclic overdoses
CONTRAINDICATIONS	Known hypersensitivity
PRECAUTIONS	1. Should be administered after airway is secured 2. Heart failure
SIDE EFFECTS	1. Hyperosmolarity 2. Alkalosis
SUPPLIED	Prefilled syringes 8.4% 50ml
ADULT DOSAGE	Cardiac Arrest/Known Dialysis Patient: 50-100 mEq IVP Tricyclic Overdose: 50-100 mEq IVP
PEDIATRIC DOSAGE	Tricyclic Overdose: 1 mEq / kg See <u>PEDIATRIC DRUG ADMINISTRATION CHART</u> for weight based administration
KEY POINTS	<ul style="list-style-type: none">• Tricyclic anti-depressants include (but not limited to): Amitriptyline, Nortriptyline, Elavil, Amoxapine, Clomipramine, Desipramine, Doxepin, Imipramine, Nortriptyline, Protriptyline, and Trimipramine• Administer until QRS complex narrows to less than 0.12 m sec and the patient condition improves• Carefully flush IV lines after administration• Extravasation may cause tissue resistance
PROTOCOL USE	<ul style="list-style-type: none">• Adult Asystole / PEA• Adult Toxic Ingestion / Exposure / Overdose• Adult Ventricular Fibrillation / Ventricular Tachycardia• Pediatric Asystole / PEA