



## Section 13: Appendix 1: Medications

# SODIUM BICARBONATE

Pregnancy Category - C

P PARAMEDIC P

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