

MEDICATION REFERENCE LIST

SODIUM BICARBONATE (BICARB)

1. **Classification:** systemic alkalizer, electrolyte buffer
2. **Physiologic Effect:** buffers H⁺ ions in metabolic acidosis
3. **Major Indications:**
 - 3.1. preexisting metabolic acidosis (perfusing patient)
 - 3.2. hyperkalemia
 - 3.3. tricyclic, phenobarbital, or aspirin overdoses
 - 3.4. during cardiac arrest, after prolonged resuscitative efforts
4. **Primary Contraindications:**
 - 4.1. metabolic alkalosis
 - 4.2. hypokalemia
 - 4.3. simultaneously with calcium chloride
 - 4.4. simultaneously with catecholamines
5. **Side Effects:**
 - 5.1. metabolic alkalosis
 - 5.2. CHF (edema secondary to sodium overload)
 - 5.3. hypernatremia
6. **Additional Information:** administration should be guided by arterial blood gas analysis in a perfusing patient