DEXTROSE 50%

**Classification:** Hyperglycemic Agent

**Action:** Increases blood sugar

**Indications:**
1. Blood glucose level < 60mg/dl (< 40mg/dl Newborn) with:
   a. Altered LOC
   b. Apnea / agonal respirations
   c. Non-traumatic focal neurological changes
   d. Seizures

**Contraindications:** For patients with the signs or symptoms of a CVA, do not administer dextrose unless the Glucoscan/glucose test strip reading is < 60 mg/dl (< 40 mg/dl Newborn). If equipment is not available to test the blood glucose level, base physician approval must precede any administration of dextrose.

**Adverse Effects:** Metabolic
- Pain/burning at injection site
- Tissue necrosis
- Hyperkalemia

**Administration:** ADULT DOSE
- 25 Gm (50 ml) slow IVP

**Onset:** Immediate

**Duration:** Brief

**Notes:**
- Dextrose 50% in water is a concentrated solution and is very irritating to the venous tissue. Cannulate as large a vein as possible and aspirate prior to administration.