**DEXTROSE 10%**

**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

**Preparation:** Dextrose 10% in 250 mL bag

**Administration:**

**ADULT**
150 mL rapid IV
Repeat blood glucose in 5 min
If blood glucose < 60 mg/dL repeat 100 mL IV

**PEDIATRIC DOSE (< 34 KG)**
0.5 gm/kg (5 mL/kg) IV not to exceed 150 mL
Repeat blood glucose in 5 min
If blood glucose < 60 mg/dL (< 40 mg/dL Newborn) repeat 0.5 gm/kg (5 mL/kg) IV not to exceed 100mL

Administration with a syringe may be utilized for small volumes of less than 50 mL

**Onset:** Immediate

**Duration:** Brief