

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