

DEXTROSE 50%

Classification: Hyperglycemic Agent

Action: Increases blood sugar

Indications:

1. Blood glucose level < 60mg/dl 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. 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.