

HEALTHEAST MEDICAL TRANSPORTATION
MEDICAL OPERATIONS MANUAL

DEXTROSE 10% (D10)

Drug Classification: Anti-Hypoglycemic

BACKGROUND

Pharmacodynamics

Dextrose increases blood glucose concentration.

Indications

- Hypoglycemia
- Diagnostic agent for altered mental status with an unknown blood sugar

Contraindications

- Intracranial hemorrhage

Cautions

- Infiltration can cause tissue necrosis.¹

DOSAGE and ADMINISTRATION

ADULT	PEDIATRICS (less than 60 kg)
<ol style="list-style-type: none">1. Administer 125 mL (12.5 g) slowly via IV infusion.2. If patient's mental status does not adequately improve, reassess blood glucose and administer a second dose of 125 mL (12.5 g).	<ol style="list-style-type: none">1. Administer 0.5 g/kg slowly via IV infusion. See Handtevy Pediatric Guidelines for administration amounts in milliliters.2. If patient's mental status does not adequately improve, reassess blood glucose and consider additional doses, if necessary.

ADVERSE REACTIONS/SIDE EFFECTS

- Hyperglycemia

NOTES

¹ If infiltration occurs, notify physician at receiving hospital immediately upon arrival.

REFERENCE GUIDELINE:

3G Hypoglycemia

6C Neonatal Resuscitation