



Dextrose 50%

CLASS:	Carbohydrate
ACTIONS:	Elevates blood glucose level rapidly
INDICATIONS:	Adult Altered Level of Consciousness Obstetrical Emergencies Pediatric Altered Level of Consciousness Post-Delivery and Neonatal Resuscitation
CONTRAINDICATIONS:	None in the emergency setting.
PRECAUTIONS:	Tissue necrosis in the case of infiltration
SIDE EFFECTS:	Local venous irritation
ADULT DOSAGE:	Altered Level of Consciousness/Hypoglycemia: Administer <i>Dextrose 50% 25g (D₅₀) IV/IO</i> Administer second dose Dextrose <i>50% 25g (D₅₀) IV/IO</i> if necessary Obstetrical Emergencies: Newborns/Neonates with glucometer reading less than 40 mg/dL: <i>Dextrose 10% (D₁₀) 5 mL/kg IV/IO</i>
PEDIATRIC DOSAGE:	Altered Level of Consciousness/Hypoglycemia: Glucometer reading less than 40 mg/dL: Newborn/Neonate: administer <i>D₁₀ 5 mL/kg IV/IO push (dilute D₅₀ with Normal Saline 1:4 to create D₁₀)</i> Patient less than 2 years old: administer <i>D₂₅ 2 mL/kg IV/IO push,</i> Patient over 2 years old: administer <i>D₅₀ 1 mL/kg IV/IO push</i> Post-Delivery and Neonatal Resuscitation: Newborns/Neonates with glucometer reading less than 40 mg/dL: <i>Dextrose 10% (D₁₀) 5 mL/kg IV/IO</i> <i>Dilute D₅₀ with Normal Saline 1:4 to create D₁₀</i> <i>Dilute D₅₀ with Normal Saline 1:1 to create D₂₅</i>