

Dextrose

<u>Generic Name:</u>	<u>Brand Name:</u>	<u>Drug Class:</u>
Dextrose	Glucose. Insta-Glucose	Carbohydrate
<u>Mechanism of Action:</u>	<u>Time to Onset:</u>	<u>Duration of Effects:</u>
Increases blood glucose availability	Within a minute	Varies
<u>Indications:</u>	<u>Contraindications:</u>	<u>Possible Side Effects:</u>
Hypoglycemia	Use caution if intracranial hemorrhage is suspected	<ul style="list-style-type: none"> • Hyperglycemia • Necrosis • Cerebral edema
<u>Administration Route:</u>	<u>Adult dose:</u>	<u>Pediatric dose:</u>
<ul style="list-style-type: none"> • Oral • IV • IO 	<ul style="list-style-type: none"> • Oral: 15 g • D-50: 12.5-25 g • D-5W: 12.5-25 g 	<ul style="list-style-type: none"> • Oral/D-50: 1g/kg • D-25 (< 5 yrs): 0.5 g/kg • D-10 (< 1 mo): 0.5 g/kg
<p>Oral glucose should only be administered to a conscious patient with the ability to protect their own airway. IV administration requires a patent site with as large a catheter as possible to minimize potential necrosis. Any suspected infiltration at the site requires <u>IMMEDIATE</u> discontinuation and cannulation of a new site or use of alternate methods to raise blood glucose levels. In altered mental status, the inability to rule out intracranial hemorrhage does not change the need to administer IV/IO dextrose.</p>		