



**REGION 11  
CHICAGO EMS SYSTEM  
DRUG TABLE**

Drug Name: Dextrose
Approved: EMS Medical Directors Consortium
Effective: August 1, 2022

<b>DRUG NAME - GENERIC</b>	<b>Dextrose</b>
<b>DRUG NAME - TRADE</b>	D10, Glucose
<b>DRUG CLASSIFICATION</b>	Glucose elevating agent
<b>DOSAGE FORMS</b>	Dextrose 10% (D10), 25 grams/250 ml water OR 50 grams/500 mL water, injection
<b>ACTION(S)</b>	Increase in blood glucose concentrations
<b>INDICATIONS</b>	Hypoglycemia
<b>CONTRAINDICATIONS</b>	<ul style="list-style-type: none"> <li>• Known or documented hypersensitivity to dextrose, corn or corn products</li> <li>• Hyperglycemia</li> </ul>
<b>ADULT DOSE / ROUTE</b>	<ul style="list-style-type: none"> <li>• Dextrose 10% (D10) 100 mL IV boluses until mental status improves or BS &gt; 60mg/dL</li> <li>• Note: 250 mL of D10 = 25 g glucose</li> </ul>
<b>PEDIATRIC DOSE / ROUTE</b>	<ul style="list-style-type: none"> <li>• All Ages: Dextrose 10% (D10) 5 mL/kg (0.5 g/kg) slow IV/IO using buretrol. Repeat slow IV as indicated</li> <li>• Max 250 ml (25g)</li> <li>• Newly born/Neonate: 15mL of Dextrose 10% (D10) slow IV/IO using buretrol. Repeat as indicated.</li> </ul>
<b>SIDE EFFECTS</b>	Hyperglycemia, warmth/burning from IV injection, diuresis, thrombophlebitis, tissue necrosis if IV/IO infiltrates