

FORMULARY

Dextrose D10

Class of Drug	A concentrated source of carbohydrate calories.
Mechanism of Action	Provides calories necessary for amino acid anabolism and helps maintain blood glucose levels in the absence of sufficient oral intake. Dextrose is readily metabolized and it increases blood glucose concentrations.
Indications	Treatment or prevention of hypoglycemia.
Contraindications	None in the presence of an indication.
Adverse Effects	Fever, venous thrombosis or phlebitis extending from the venous site, extravasation, localized pain and rarely vein irritation may occur.
Precautions	Dextrose should NOT be administered in the SC or IM routes.
Dosing/Administration	For hypoglycemia in adults administer 25 g of D10 IV/IO. Monitor glucose levels and repeat administration as indicated. For hypoglycemia in pediatrics administer 2.5 mL/kg of D10 IV/IO. Monitor glucose levels and repeat administration as indicated.
Pregnancy Category	Class C Uncertain safety – animal studies show adverse effect but no human studies exist