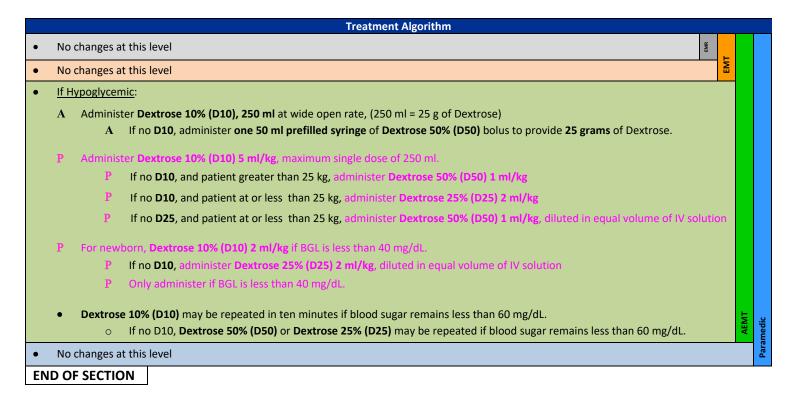
GMVEMSC JITSO for Dextrose 10% (D10) 1/11/2025

Due to a reported shortage in Dextrose 10% (D10), this JITSO will allow for the use of Dextrose 50% (D50) and Dextrose 25% (D25). Dextrose 50% and Dextrose 25% (D25) will only be found in GMVEMSC drug bags if the pharmacy cannot stock Dextrose 10%. Drug Bags with D50 or D25 will be clearly marked. When treating the hypoglycemic patient with D50/D25 on hand, the following will apply:



The 2025 GMVEMSC Protocol will add drug formularies for both Dextrose 50% and Dextrose 25% and on June 1, 2025 will replace this JITSO.



EMS Drug Formulary

Subject:

Dextrose 25% (D25) (JITSO)

Effective: Jan. 11, 2025

Last Modified:

Jan. 11, 2025

EMR	EMT	AEMT	Paramedic		
	10 ml prefilled syring	re of Dextrose 25% contains 2.5 g.D.	extrose		
Packaging	 * 10 ml prefilled syringe of Dextrose 25%, contains 2.5 g Dextrose * 1 in drug bag in the absence of Dextrose 10% 				
	Diabetic with mental status changes				
Indications	Evidence of hypoglycemia in cardiac arrest				
	 Generalized hypothermia with or without arrest Altered level of consciousness of unknown cause 				
	Seizures with BGL of less than 60 mg/dl				
	 No blood sugar monitor is available or suspicion of hypoglycemia despite glucometer readings. 				
Adult Dosing	Not indicated in adul	t patients			
_					
Pediatric Dosing	• For pediatric patients greater than 25 kg, see <u>JITSO Dextrose 50%</u>				
	Pediatric patients at or less than 25 kg:				
	P 2 ml/kg of Dextrose 25% (D25)				
	• Nowborn nationts				
	 Newborn patients: P 2 ml/kg of Dextrose 25% (D25) diluted in equal volume of saline solution 				
	P Only administer if BGL is less than 40 mg/dl				
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	◆ If no Dextrose 25% (D25) found in the drug bag, contact Medical Control for advice				
Therapeutic Action	Principal form of carbohydrate utilized by the body				
Contraindications	Known or suspected CVA in the absence of hypoglycemia				
Precautions And Side Effects	May precipitate seve	re neurologic symptoms in thiamine	e deficient patients		
	Side Effects:				
	WarmthPain				
	Hyperglycen	nia			
		n medication infusion			
	o Thrombophl	lebitis			
	Adults: Not indicated	l in adult natients			
Medical Control		s no Dextrose 25% (D25) found in th	he drug bag		
	Medical Protocol 400	08 – Diabetic Emergencies - Hypogly	vcemia		
Protocols					
Protocois	 Pediatric Consideration 	ons 5002 - Newborn Care and Resu	ISCITATION		



EMS Drug Formulary

Subject:

Dextrose 50% (D50) (JITSO)

Effective: Jan. 11, 2025

Last Modified:

Jan. 11, 2025

EMR	EMT	AEMT	Paramedic		
Packaging	 50 ml prefilled syringe of Dextrose 50%, contains 25 g Dextrose 2 in drug bag in the absence of Dextrose 10% 				
Indications	 Diabetic with mental status changes Evidence of hypoglycemia in cardiac arrest Generalized hypothermia with or without arrest Altered level of consciousness of unknown cause Seizures with BGL of less than 60 mg/dl No blood sugar monitor is available or suspicion of hypoglycemia despite glucometer readings. 				
Adult Dosing	 A One 50 ml (25 gm) IVP May repeat in 10 minutes if patient fails to respond or BGL remains less than 60 mg/dl. 				
Pediatric Dosing	 Pediatric patients greater than 25 kg: P 1 ml/kg of Dextrose 50% (D50) For pediatric patients at or less than 25 kg, see 				