



St. Clair County Medical Control
Diabetic Emergencies
GENERAL TREATMENT

Initial Date: 03/20/2024


Revised Date:

Section 3.9






Diabetic Emergencies

The purpose of this protocol is to provide for the assessment and treatment of patients suffering from a diabetic emergency.

MFR Agencies may carry glucometers and oral glucose paste (optional).

1. Follow **1.1 General Pre-Hospital Care Protocol**.
2. Obtain blood glucose level if equipment is available.
 - a. Awake and with a gag reflex
 - i. If blood glucose is:
 1. below 40mg/dl for patients less than or equal to 60 days old;
 2. below 60mg/dl for adults and pediatric patients over 60 days old;
 - a. Administer 15 grams of oral glucose, for infants contact medical direction if IV not available.
 - b. Re-evaluate after 10 minutes and if the blood sugar does not improve or only improves slightly repeat the oral glucose or,
 -  c. Establish an IV and,
 - d. Consider administration of IV Dextrose.

Note: At the provider discretion, if available IV Dextrose may be given without attempting oral glucose first.

 - i. Adults IV Dextrose 50% (25g)
 -  ii. Pediatric refer to MIMEDIC cards
 - ii. If the blood glucose is normal follow specific protocol for patient condition.
 - iii. For adult if the blood glucose is above 250mg/dl with symptoms of hyperglycemia.
 1. Start an IV and administer **NS** or **LR** IV bolus, up to 1 L.
 - a. For patients with renal failure or heart failure, decrease volume to 500 mL.
 2. Monitor EKG.
 - iv. For pediatrics if the blood glucose is above 250mg/dl with symptoms of hyperglycemia
 1.  Contact medical control
 - b. Altered Mental Status
 - i. If blood glucose is:
 1. below 40mg/dl for patients less or equal to than 60 days old;
 2. below 60mg/dl for adults and pediatric patients over 60 days old;
 -  a. Establish an IV
 -  i. If unable to establish IV contact Medical Control.
 - b. Administer IV Dextrose 50% (25g) or small amounts of oral glucose.
 -  c. For Pediatrics follow MIMEDIC
 - ii. If blood glucose is normal and the patient's mental status is altered refer to **3.1 Altered Mental Status**.



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iii. For adults, if the blood glucose is above 250mg/dl with symptoms of hyperglycemia.



1. Start an IV and administer **NS** or **LR** IV bolus, up to 1 L.

a. For patients with renal failure or heart failure, decrease volume to 500 mL.

2. Monitor EKG.

3. Consider 12-Lead per **7.1 12-Lead ECG Protocol**



iv. For pediatrics if the blood glucose is above 250 mg/dl with symptoms of hyperglycemia



1. Contact medical control

c. If blood glucose level if equipment is not available administer oral glucose if the patient is awake with a gag reflex.

Medication Reference:

Dextrose

Protocol Source/Reference: OCMCA 1.100 Diabetic Emergencies; Version 9/28/23; MDHHS Approved 10/27/23.