

Blood Glucose

Procedure

Douglas County KS EMS System

March 2022

Approved Provider: EMR, EMT, AEMT, Paramedic

Reference Protocols: [Altered mental Status](#), [CVA](#), [Diabetic Emergencies](#)

Indications

- Any suspected alteration in glucose level that might impact patient assessment or treatment.
- Decreased LOC
- Suspected stroke patients

Contraindications

- None

Precautions

- Airway, breathing and circulation should be assessed and treated in the initial evaluation of every patient and obtaining a rapid bedside glucose determination should not interfere with this evaluation and treatment.
- If problems arise with the device, obtaining a rapid bedside glucose determination should not delay the administration of glucose, if indicated

Procedure

- Prepare equipment
- Ensure that test strip code is the same as what appears on screen
- Swab area with alcohol pad
- Obtain sample via IV or Lancet stick
- Ensure that test area is completely filled
- Treat patient as indicated as per protocol
- Cover site with band aid to prevent infection

Complications

- Pain, infection or bleeding at site of lancet (or IV) stick
- Delay in administration of glucose

Documentation

- Include the following (minimum):
 1. The blood glucose level obtained
 2. Complications