



Amherst Fire District Procedure

Blood Glucose Analysis

Clinical Indications:

- Patients with suspected hypoglycemia, diabetic emergencies, stroke symptoms, change in mental status, bizarre behavior, etc.

Procedure:

1. Gather and prepare equipment.
2. Blood samples for performing glucose analysis can be obtained via:
 - a. blood directly from an IV site or needle.
 - b. using a lancet device (finger stick).
3. Ensure that you have an aseptic site prior to penetrating any skin.
4. If using a lancet, wipe away the first blood drop and use the second.
5. Place correct amount of blood on reagent strip or site on glucometer per the manufacturer's instructions.
6. Apply pressure to any puncture site to stem bleeding if necessary. A band-aid can be used to keep the site clean following the procedure.
7. Document the glucometer reading and treat the patient as indicated by the analysis and protocol.
8. Repeat glucose analysis as indicated for reassessment after treatment and as per protocol.

Certification Requirements:

- Successfully complete an annual skill evaluation inclusive of the indications, contraindications, technique, and the possible complications of the procedure.