



**PROCEDURES  
PROC-04**

**BLOOD GLUCOSE ANALYSIS**

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**Last Revision:**  
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**Indications:**

- Patients with a known history of hypoglycemia or diabetes mellitus.
- Any patient presenting with altered mental status or other signs/symptoms of hypo/hyperglycemia, including:
  - Tremors
  - Weakness
  - Nausea
  - Abdominal Pain
  - Unconscious/unresponsive

**Procedure:**

1. Wipe pad of finger with alcohol/chloraprep.
2. Stick finger with the lancet device and press finger to form a small drop of blood.
  - Blood samples can be obtained from site used to establish an intravenous access, or from a separate venipuncture site.
3. Touch and hold the Test End (tip) of the Test Strip to the drop of blood until after the meter "beeps."
4. The blood glucose result will appear in the display window.
5. Document the glucometer reading and treat the patient as indicated by the analysis and protocol.
  - If "Hi" appears your BG level may be above 600 mg/dl.
  - If "Lo" appears in the display, your BG level may be below 20 mg/dl.
6. Repeat glucose analysis as indicated for reassessment after treatment and as per protocol.
7. Dispose of the used lancet in the sharps container. Remove the test strip from the glucometer and dispose in biohazard bag.

**Considerations:**

- It is imperative that the Glucometer is calibrated correctly with the appropriate control code.
- Glucometer calibration must be verified weekly using both test solutions.