



Jackson Hole Fire/EMS Operations Manual

Approved by: Will Smith, MD, Medical Director

Approved by: Willy Watsabaugh, Chief

Title: **Procedure Guidelines:
Blood Glucose
Determination**

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BLOOD GLUCOSE DETERMINATION (Procedure Guidelines)

All EMT-Basics, Intermediates and Paramedics shall operate within their authorized Scope of Practice as limited to those skills and medication approved for use by the Physician Medical Director and Physician Task Force on Pre-Hospital Care as approve and authorized by the Wyoming Board of Medicine

SCOPE OF PRACTICE: EMT-Basic, EMT-Intermediate, Paramedic

NO VOICE ORDER REQUIRED

INDICATIONS:

- Unconscious patient
- Altered mental status
- Known diabetic patient

EQUIPMENT:

- Glucometer
- Test strips
- Fingertick device with lancets
- Alcohol wipes
- Tissue or gauze pads, bandaid

PROCEDURE:

- Use appropriate BSI equipment
- Find an appropriate injection site, preferable the tip/side of a finger
- Cleanse the injection site with an alcohol wipe, and wait for the alcohol to evaporate. *(permitting alcohol to get on the test strip may result in a false reading)*
- Turn the glucometer on by inserting a test strip into the unit
- Prick the tip or side of a finger with the lancet device and squeeze the finger to obtain a blood sample. (Dispose of lancet in appropriate sharps container)
- Gently touch the drop of blood to the target area of the test strip
- The glucometer display will start counting down until it gives you the blood glucose level
- Document the BGL and provide appropriate care for any hypoglycemic or hyperglycemic patients