

## Blood Glucose Assessment (≥ PL1)

### **Clinical Indications:**

1. Any patient with an altered mental status.
2. Patients with metabolic or endocrine disorders and presenting with non-specific complaints.
3. Bradycardia or hypothermia infants.
4. As part of stroke assessment.

### **Contraindications:**

1. None

### **Preparation for Use:**

1. Assemble glucometer and equipment, including chlorohexidine wipe.

### **Precautions:**

1. Blood samples for performing glucose analysis should be obtained through a finger-stick (heel for infants).
2. Venous blood samples may produce artificially high blood glucose values and should be avoided.

### **Procedure:**

1. Cleanse site with Chlorohexidine
2. Place correct amount of blood on reagent strip or site on glucometer per the manufacturer's instructions.
3. Time the analysis as instructed by the manufacturer.
4. Document the glucometer reading and treat the patient as indicated by the analysis and guideline.
5. Repeat glucose analysis as indicated for reassessment after treatment and as per guideline.
6. If any clinically suspicious readings are noted perform quality assurance test immediately after the call and notify a supervisor as appropriate.