

Blood Glucose Monitoring

StatStrip Xpress Glucose Meter[®]



GVH GRAND VIEW HEALTH

POC Glucose Monitor



- **Battery Information:** 3V Lithium battery (dispose of used battery in hazardous waste)
- Quality controls must be completed

Daily when meter in use, for each new operator, if results are unexpected or if system appears to not be working properly.
- QC vials expire 90 days after opening
(**date and initial**)
- Glucose test strips expire 180 days after opening (**date and initial**)
- Results below 10 mg/dL will display “**LO**”
- Results above 600 mg/dL will display “**HIGH**”

patient testing

- As per FDA regulations, fingerstick glucose determinations are not to be performed on patients having cold fingers or poor circulation. **Consult nurse for further instruction.**
- Best practice is to clean the skin with alcohol pad before piercing the skin, **wiping away the first drop of blood**, and using the second drop of blood for the test. For best results, have patient wash & dry hands prior to testing.
- For results “LO” (<10) or “HIGH” (>600), *repeat testing*.



Patient testing



- Clean patient's hand, dry thoroughly. Wipe with alcohol & let dry.
- Insert a test strip into meter, gold bars facing in, white end with fill circles facing up
- Massage finger, holding downward to stimulate blood flow. Avoid “milking” fingertip.
- Use lancet to puncture finger
- Wipe away first drop, use 2nd drop of blood.
- Touch the end of the test strip to the blood drop **until the test strip fills** and the meter beeps.
- Results are available on screen in 6 seconds. There is one long beep when the results are ready.
- There are 3 short beeps if test results are outside the range of the test strip

Stat Strip Glucometer Cleaning & Disinfection

- Must be cleaned and disinfected after each patient use to minimize transmission of blood-borne pathogens between patients and staff
- Utilize PDI Sani-Cloth Bleach Wipes to both clean and disinfect the glucometer
- **Use PDI Sani-Cloth bleach wipe to wipe external surface of the glucometer thoroughly to remove any visible blood or debris**
- **Let dry thoroughly**

