

### User Guide- Key points for Performa Glucose meters

This document summarises the key points for the use of Performa Glucose meters

#### Before using the meter on patients



- Ensure the meter is clean
- Check the meter is showing the correct time and date (including year). For guide to changing Date/time see Staffroom>POCT Community Support page.
- Analyse both levels of Quality Control, once the result is on screen press the > button to highlight level 1 or 2, then press the on/off button. This will commit the results to the meters memory.
- Results must then be documented in the meters Logbook

#### Quality Control (QC) Requirements



- Stability of solutions
  - **Date bottles 90 days (3 months) from opening**
- Frequency of QC analysis
  - **Every day the meter is used.** QC should be documented in the logbook with NO DITTO MARKS (this is a legal document)
- What to do in event of failure
  - **try inverting QC bottles and wipe the top of the bottle to remove dried solution**
  - **try new set of QC bottles**
  - **try new pot of strips**

**If QCs still fail this indicates an issue with the meter. Please report to POCT.**

- Where to obtain stock of strips & QC from
  - **Pharmacy**

### **Before Testing**



- Ensure patients hands have been cleaned & dried prior to lancing (**NOT** using alcohol wipes/gel)
- Choose lancing site carefully (**AVOID** thumb/index finger) & lance to the side of the pad.
- Milk the finger from base to tip (**DO NOT** squeeze tip as this will dilute the blood)
- Fingers with poor circulation **WILL** result in inaccurate blood glucose results.

### **Hints & tips for patients with poor circulation/fingers:**



- Wash patient's hands in warm water ask the patient to rub their hands together
- Position the hand / finger downwards to let gravity assist with circulation
- Wrap the patient's hand in a towel and leave to warm for a short while
- Try gentle massage of the fleshy part of the finger to be tested
- If the finger appears discoloured due to poor circulation even after gentle massage, then **DO NOT USE**
- Once the finger is warm and pink collect a sample

### Analysis



- Ensure code number shown on **chip** insertion matches code on strip pot
- Measuring range
  - 0.6-33.3 mmol/l
- Glucose critical range
  - <4 and >16 mmol/l

### After testing



- Dispose of test strip in sharps bin
- Clean the meter with Clinell wipes **after each** patient test.
- Replacement batteries and logbooks should be obtained from POCT via your Hub Admin Teams
- A guide to dealing with Error Codes is contained in the back of the meter log books
- Further documentation, including Meter Operators Manual, is available in Staff Room Quick Links>Lab Med and POCT>Point of Care Testing>POCT Community Support

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