**POCT Link Trainer Guide – ketone training**

This document summarises the key points which should be covered by link trainers during training of **POCT ketone testing** using the **Nova ketone meter.**

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| Visual search query image**Purpose** | * The ketone meter is utilised to measure ketone levels in blood samples. It is used in monitoring ketosis. |
| **Sample requirements** | * A fresh capillary or venous sample is required. * Ketone tests should **ONLY** be run on the following patients:  1. Type 1 diabetic with blood glucose >16mmol/L. 2. Type 2 diabetic with blood glucose >16mmol/L **AND** seriously clinically unwell or NEWS2 >4. 3. Pregnant patients with a blood glucose >10mmol/L. |
| **Quality Control / EQA** | * + Two levels of QC must be analysed **every 24 hours** or if patient results are unexpected or the meter has been dropped/damaged.   + Once opened QC liquids are valid for **90 days**.   + If a QC fails, try the following:  1. Gently invert the liquid QC and ensure the correct level is being used. 2. If that fails, try new QC liquids. 3. If that fails, try a new pot of strips. 4. If all the above fail, contact POCT.  * EQA samples should be tested on receipt, and the results returned to POCT on the form provided, as soon as possible. |
| Image result for WEAR GLOVES**Patient / sample preparation** | * Gain positive patient identification and (when possible) consent. * Wear the appropriate PPE. * **Wash** and **dry** the patient’s hand thoroughly using warm water / soap warm water, **NOT** alcohol wipes/gel. * Lance the finger on the side of the pad, no lower than the nail bed, then gently massage along the finger to obtain a blood drop. **Do not** squeeze the finger. |
| **Analysis** | * Logon to the meter and press the ‘accept’ button. * Scan the strip lots then enter the patient ID. * Insert the strip into the meter then prepare the patient as described in the section above. * Touch the end of the strip on to the drop of blood. Results will appear after a 10 second countdown. |
| **Results** | * Results are displayed on the screen after analysis has been completed. * Results are automatically transferred to patient records, but also should be documented in the patient’s notes. |
| **After testing** | * Dispose of test strips and lancets following waste management guidance. * The analyser can be cleaned with Clinell wipes after each use. |
| **Stock** | * Test strips are ordered from pharmacy. * QC liquids are provided by POCT. |
| Make a Phone Call**Analyser issues** | * Contact POCT: * York (772)5890 * Scarborough (771)2659 * Bridlington (771) 3321 |

**\* DO NOT SHARE YOUR OPERATOR ID WITH ANYONE \***

**\* IT IS A DISCIPLINARY OFFENCE \***