**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.
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| **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.
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| **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.
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| 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.
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| **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.
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| **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.
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| **After testing** | * Dispose of test strips and lancets following waste management guidance.
* The analyser can be cleaned with Clinell wipes after each use.
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| **Stock**  | * Test strips are ordered from pharmacy.
* QC liquids are provided by POCT.
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| Make a Phone Call**Analyser issues** | * Contact POCT:
* York (772)5890
* Scarborough (771)2659
* Bridlington (771) 3321
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**\* DO NOT SHARE YOUR OPERATOR ID WITH ANYONE \***

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