**POCT Link Trainer Guide – tHb**

This document summarises the key points which should be covered by link trainers during training of **POCT total haemoglobin testing** using the **Prospect HemoControl**

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| **Purpose**  | * The HemoControl is used to determine the total amount of haemoglobin in whole blood
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| **Sample requirements** | * Capillary, venous, or arterial blood may be used
* Sample size is 10µL
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| **Quality Control**HEMO CONTROL, EKF, HEMOGLOBIN/ HEMATOCRIT MICROCUVETTE | SKROOLL.MEDHemoControl | * **Frequency of QC analysis**
	+ Every 24 hours
* **Stability of solutions**
	+ Once opened QC is stable at room temperature for 30 days – date on opening
* **QC method**
	+ Gently mix QC
	+ Place 2 drops on hydrophobic surface
	+ Fill cuvette from second drop
	+ Wipe off excess
* **QC pass / fail**
	+ QC ranges are stated on the packaging (g/L)
	+ Repeat analysis two more times
* If QC still fails - report to POCT
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| **Patient preparation**Unistik 3 Sterile Single Use Lancet (Finger Pricker) - NORMAL | * + Gain positive patient identification and (when possible) consent
* Wear PPE
* Warm the patients hand up
* Drop the patients hand down to the side to let gravity assist with circulation
* ‘Milk’ the palm of the hand to the tip of the finger
* Ensure a deeper sampling lancet is used (a ladybird size blood sample is needed)
* Clean and dry the site for lancing
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| **Analysis**HEMO CONTROL, EKF, HEMOGLOBIN/ HEMATOCRIT MICROCUVETTE | SKROOLL.MEDHemoglobinometro Hemocontrol - EKF Diagnostic - Respira Medical ... | * Wake analyser by touching screen
* Pull cuvette holder into loading position
* Remove cuvette from tub **– do not touch reaction end**
* Lance patient finger **– wipe away first drop of blood**
* Fill cuvette with patient blood **in one go – never top up**
* Wipe any excess blood off the cuvette and check for air bubbles
* Load cuvette onto holder and push in gently
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| **Results** | * Reference ranges
* Adult male 130-180 g/L
* Adult female 115-165 g/L
* **Results must be recorded in the patients notes**
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| **After testing** | * Dispose of used cuvettes in clinical waste
* The device must be cleaned with a Clinell wipe
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| **EQA samples** | * External Quality Assurance is mandatory for all POCT equipment
* Samples are sent every month
* It is every Operator’s responsibility to ensure the EQA samples are run and results returned to POCT
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| **Stock**  | * Order from POCT
* Do not leave yourself short – order in plenty of time
* QC stock should be kept in the fridge (2-8ºC) until opening
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| Make a Phone Call**Analyser issues** | * Contact POCT:
* York (772)5890
* Scarborough (771)2659
* Bridlington (771)
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**\* DO NOT SHARE YOUR OPERATOR ID WITH ANYONE \***

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