



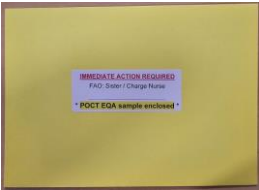



POCT Link Trainer Guide – tHb

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

<p><u>Purpose</u></p>	<ul style="list-style-type: none"> • The HemoControl is used to determine the total amount of haemoglobin in whole blood
<p><u>Sample requirements</u></p>	<ul style="list-style-type: none"> • Capillary, venous, or arterial blood may be used • Sample size is 10µL
<p><u>Quality Control</u></p> 	<ul style="list-style-type: none"> • Frequency of QC analysis <ul style="list-style-type: none"> ○ Every 24 hours • Stability of solutions <ul style="list-style-type: none"> ○ Once opened QC is stable at room temperature for 30 days – date on opening • QC method <ul style="list-style-type: none"> ○ Gently mix QC ○ Place 2 drops on hydrophobic surface ○ Fill cuvette from second drop ○ Wipe off excess • QC pass / fail <ul style="list-style-type: none"> ○ QC ranges are stated on the packaging (g/L) ○ Repeat analysis two more times ○ If QC still fails - report to POCT
<p><u>Patient preparation</u></p> 	<ul style="list-style-type: none"> • 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

<p><u>Analysis</u></p> 	<ul style="list-style-type: none"> • 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
<p><u>Results</u></p>	<ul style="list-style-type: none"> • Reference ranges <ul style="list-style-type: none"> ○ Adult male 130-180 g/L ○ Adult female 115-165 g/L • Results must be recorded in the patients notes
<p><u>After testing</u></p> 	<ul style="list-style-type: none"> • Dispose of used cuvettes in clinical waste • The device must be cleaned with a Clinell wipe
<p><u>EQA samples</u></p> 	<ul style="list-style-type: none"> • 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
<p><u>Stock</u></p>	<ul style="list-style-type: none"> • Order from POCT • Do not leave yourself short – order in plenty of time • QC stock should be kept in the fridge (2-8°C) until opening
<p><u>Analyser issues</u></p> 	<ul style="list-style-type: none"> • Contact POCT: <ul style="list-style-type: none"> ○ York (772)5890 ○ Scarborough (771)2659 ○ Bridlington (771)

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

*** IT IS A DISCIPLINARY OFFENCE ***