










POCT Link Trainer Guide – Urilyzer

This document summarises the key points which should be covered by link trainers during training of **POCT urinalysis** using the **Sterilab Urilyzer 100 Pro**

<p><u>Purpose</u></p>	<ul style="list-style-type: none"> • The urilyzer is used for preliminary screening of urine • The test strips screen for diabetes, haemolytic disorders, urogenital and kidney disease, and metabolic disorders
<p><u>Sample reg</u></p> 	<ul style="list-style-type: none"> • Urine collected into a clean, dry container without preservatives • Samples should be labelled with patient details • Samples must be analysed within 4 hours • Not to be used for patients >65 years old with clinical details ?UTI
<p><u>Quality Control</u></p>	<ul style="list-style-type: none"> • QC is run weekly by POCT
<p><u>Patient / sample preparation</u></p> 	<ul style="list-style-type: none"> • Gain positive patient identification and (when possible) consent • Wear PPE • Collect a fresh urine sample in a clean container labelled with patient details
<p><u>Analysis</u></p>   	<ul style="list-style-type: none"> • Log onto analyser using Operator ID and passcode • Check expiry date on pot of strips before testing • Remove only the required number of strips and reseal the container immediately • Dip strip in urine sample ensuring all pads are covered • Blot the edge of the strip on a clean paper towel to remove excess sample • Place strip on strip tray with test pads facing upwards, covering the green flashing light • Urilyzer will check the strip position and start 60sec countdown • Lot number and expiry = scan the barcode on the pot of strips • Patient ID = NHS number • <i>If the analyser is not working, results can be read by eye</i> <ul style="list-style-type: none"> ○ <i>Dip strip in urine sample and wait 60 seconds</i> ○ <i>Use the guide on the pot to match the colour on the pads</i>

<p>Results</p> 	<p>Visual appearance of the urine sample</p>	<p>Results from the Urine dip stick analysis</p>	<p>Follow up Analysis</p>
	<p>Clear</p>	<p>All results negative</p>	<p>Discard urine as there is no clinical evidence of infection</p>
	<p>Clear</p>	<p>If any of the following are positive Nitrite, Leucocytes, Blood or protein</p>	<p>Send urine for culture and microscopy</p>
	<p>Obviously infected or blood stained</p>		<p>Send urine for culture and microscopy</p>
<ul style="list-style-type: none"> • Results will print on removal of the test strip from the tray • Results must be recorded in the patient notes 			
<p>After testing</p> 	<ul style="list-style-type: none"> • Dispose of used test strips in clinical waste • Clean the strip tray with a Clinell wipe or 70% alcohol wipes • The strip tray holder should be washed daily with warm water 		
<p>EQA samples</p> 	<ul style="list-style-type: none"> • External Quality Assurance is mandatory for all POCT equipment • Samples are sent every 2 months • It is every Operator's responsibility to ensure the EQA samples are run and results returned to POCT 		
<p>Stock</p>	<ul style="list-style-type: none"> • Order test strips from pharmacy • Printer paper is topped up weekly by POCT 		
<p>Analyser issues</p> 	<ul style="list-style-type: none"> • Contact POCT: <ul style="list-style-type: none"> ○ York (772)5890 ○ Scarborough (771)2659 ○ Bridlington (771)3321 		

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

*** IT IS A DISCIPLINARY OFFENCE ***