

Lesson Plan

# UF-Series Onsite Routine Use Training Lesson Plan



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# UF-Series Onsite Training Lesson Plan

This lesson plan outlines UF-Series (UF-4000 and UF-5000) Routine Use training. This document outlines the content covered during training. Sysmex reserves the right to alter the content at the trainer's discretion. Routine Use training may be delivered by a Sysmex Product Specialist or a member of the laboratory team.

## Course Information:

The UF-Series Routine Use Training Course consists of the following:

1. A theory webinar delivered by a Sysmex Urinalysis Product Specialist.
2. Onsite practical training.
3. Online assessment.

## Learning Outcomes:

This training course is designed using a blended learning technique which includes webinars, face to face training and an online assessment.

- To develop working knowledge of the principles of parameter production on the UF-Series
- To develop knowledge of the operation of the UF analyser and U-WAM (Urinalysis Work Area Information Management System).
- To develop troubleshooting skills

<b>Known Prior Knowledge</b>	None	<b>Possible Prior Knowledge</b>	Use of previous Sysmex UF analysers and/or other analysers
<b>Assessment Criteria</b>	Online Assessment Observation		

## 1. Live Webinars:

The theory webinar consists of:

Webinar:	Location:	Time Required (approx.):
<p>Analyser introduction</p> <ul style="list-style-type: none"> <li>- Introduction to the UF-5000 and U-WAM</li> <li>- Sampler mode, minimum volumes</li> </ul> <p>Reagent Overview</p> <ul style="list-style-type: none"> <li>- Outline of reagents used</li> </ul> <p>Diagnostic parameters</p> <ul style="list-style-type: none"> <li>- Overview of parameters produced by the UF-5000</li> </ul> <p>Technology</p> <ul style="list-style-type: none"> <li>- Surface and Core chambers</li> <li>- Cell staining</li> <li>- Fluorescence flow cytometry</li> <li>- Waveform formations</li> <li>- Introduction to scatterplots</li> </ul> <p>Scatterplot Interpretations</p> <ul style="list-style-type: none"> <li>- Interpreting scatterplots for urines and body fluids</li> </ul> <p>UF-Series Flagging</p> <ul style="list-style-type: none"> <li>- Explanation of factory defined flags</li> </ul>	Online	60 mins

## 2. On-Site Practical Training:

On completion of the theory webinar the onsite practical session will be delivered by either a Sysmex Product Specialist or a member of the laboratory team. The practical training session will use a combination of demonstration and practical hands on activities.

The onsite practical training consists of:

Practical Training Session	Location:	Time Required (approx.)
Q & A session with a Sysmex Product Specialist on any aspect of the self directed learning modules and theory webinar.*	Onsite – room/office	45 mins
Scatterplot refresher.*		
<b>Analyser components:</b> <ul style="list-style-type: none"> <li>- Demonstration of all analyser components</li> </ul>	Onsite- in laboratory	10 mins
<b>Analyser maintenance:</b> <ul style="list-style-type: none"> <li>- Daily, weekly and as required maintenance</li> <li>- Changing reagents</li> </ul>	Onsite- in laboratory	20 mins
<b>QC:</b> <ul style="list-style-type: none"> <li>- Processing QC</li> <li>- Demonstration of QC package including checking QC results</li> <li>- Adding comments, excluding data, recording a new vial, comparing QC charts across analysers etc.</li> </ul>	Onsite- in laboratory	30 mins
<b>Running Patient Samples:</b> <ul style="list-style-type: none"> <li>- Running patient samples in all modes – Urines and Body Fluids (Sampler and STAT)</li> </ul>	Onsite- in laboratory	20 mins
<b>Data Browser and Explorer:</b> <ul style="list-style-type: none"> <li>- Demonstration of Data Browser and Explorer including viewing patient results, retransmitting results and printing results</li> </ul>	Onsite- in laboratory	15 mins
<b>U-WAM:</b> <ul style="list-style-type: none"> <li>- Explorer screen including searching for results, filtering, validating, adding a re-run, adding comments, adding a manual test request</li> <li>- Browser screen including viewing scattergrams, re-runs, cumulative view, adding re-runs, validating</li> </ul>	Onsite- in laboratory	30 mins

- History screen including previous history of U-WAM and attached analysers
- Host connection
- Error messages
- Manual

Developed troubleshooting skills including responding to alarms

Onsite- in laboratory

15 mins

**Total:** ~185 mins (3 hours)

\* Only included in the training when delivered by a Sysmex Urinalysis Product Specialist.

## Contact Us

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### Sysmex Academy Online

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