ADVIA® 2120i Hematology System Laboratory Staff Training

Validation Checklist

This course will use the *ADVIA 2120i Hematology System Quick Reference Guide*, *PEP Connect* and the *ADVIA 2120/2120i Hematology Systems Operator's Guide* as training resources.

The student places a checkmark beside the competency when it is completed. When all competencies are checked, the instructor and operator sign and date below as a record of completion.

Topic/Tasks	Completed
System Overview	
Identify system hardware components	
Identify system reagents	
Navigate the key areas of the software	
Starting Each Shift	
List the steps for Starting Each Shift	
List the steps to empty waste	
Locate and check the overflow bottle	
Recognize reagent inventory needs and replace if needed	
Evaluate background counts	
Quality Control	
Prepare and perform quality control processing	
Review and validate QC results	
Demonstrate how to import a new lot of QC data	
Interpret QC data	
Demonstrate printing and exporting of QC reports	
Sample Processing	
Perform sample processing in all modes (Autosampler, MOTS, and MCTS)	
Identify the sample statuses	
Locate and validate sample results	
Demonstrate printing of sample results	
Use Order Entry to create workorders	
Use Manual Sample ID to enter samples	
How the System Works	
Identify UFC components	
Identify the steps of sample processing	
Resolve probe clog and aspiration failure messages	
Perform clot filter replacement	
Methods	
Identify the components of the hemoglobin transmission histogram	
Identify cell populations on RBC, Platelet, Retic, Perox, and Baso cytogram	
Scheduled Maintenance	
Perform turning off the system	
Perform wipe the shear valve maintenance	
Perform automatic hydraulic pathways maintenance	
Perform clean Autosampler centering collar maintenance	
Perform semi-automatic vent line wash	
Perform replacement of RBC/Baso and Perox sheath filters	
Perform clean the air-circulation filter maintenance	
Record maintenance in Service Log	

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Topic/Tasks	Completed
Gains	
Identify when to adjust gains	
Identify what to check before gains	
Review the gains adjustment process using the Gains Wizard	
Calibration	
Identify when to calibrate	
Identify what to check before calibrating	
Review the calibration process using the Calibration Wizard	
Troubleshooting	
Utilize the Operator's Guide to locate morphology and sample/system flags	
Identify troubleshooting basics	
Perform shear valve cleaning	

Trainer:

Student:

Date:

Trainer comments