

## TRAINING UPDATE

**Lab Location:** GEC, SGMC & WAH  
**Department:** Core Lab

**Date Distributed:** 11/27/2017  
**Due Date:** 12/29/2017  
**Implementation:** 1/1/2018

### DESCRIPTION OF PROCEDURE REVISION

<b>Name of procedure:</b>
<b>Hematology Differential Comparison and Manual Stain Quality Log AG.F36.4</b> <b>Automated Stainer Differential Comparison and Stain Quality Log AG.F379.1</b>
<b>Description of change(s):</b>
<p>Both logs have revised criteria for assessing platelets to coordinate with Sysmex platelet adult reference range CP F</p> <p><a href="#">These Forms will be implemented on January 1, 2018</a></p>

Document your compliance with this training update by taking the quiz in the MTS system.

## Hematology Differential Comparison and Manual Stain Quality Log

- Germantown Emergency Center
- Shady Grove Medical Center
- Washington Adventist Hospital

Date	Tech	Sample	Source	Poly ± 10	Lym ± 10	IG ± 5	Mono ± 3	Eos ± 3	Baso ± 3	Plt see below	Diff Evaluation	Stain Quality
											S - satisfactory U - unsatisfactory	
			Sysmex XN									
			Manual									
			Difference							OK Not OK		
			Sysmex XN									
			Manual									
			Difference							OK Not OK		
			Sysmex XN									
			Manual									
			Difference							OK Not OK		
			Sysmex XN									
			Manual									
			Difference							OK Not OK		
			Sysmex XN									
			Manual									
			Difference							OK Not OK		
			Sysmex XN									
			Manual									
			Difference							OK Not OK		
			Sysmex XN									
			Manual									
			Difference							OK Not OK		
			Sysmex XN									
			Manual									
			Difference							OK Not OK		

Platelet Instructions: Record count from Sysmex XN. Indicate manual smear as Decreased, Normal, Increased or Clumped.

Criteria: Count <163 = Decreased; Count 163 - 369 = Adequate; Count >369 = Increased; Clumped = plt clumps seen on smear

Circle OK or Not OK to evaluate the automated and manual comparison

Supervisor Review \_\_\_\_\_

## Automated Stainer Differential Comparison and Stain Quality

- Shady Grove Medical Center
- Washington Adventist Hospital

Date	Tech	Sample	Source	Poly ± 10	Lym ± 10	IG ± 5	Mono ± 3	Eos ± 3	Baso ± 3	Plt see below	Diff Evaluation	Stain Quality
											S - satisfactory U - unsatisfactory	
			System XN									
			SP-10 <sup>1</sup>									
			Difference							OK Not OK		
			Wescor <sup>2</sup>									
			Difference							OK Not OK		
			System XN									
			SP-10 <sup>1</sup>									
			Difference							OK Not OK		
			Wescor <sup>2</sup>									
			Difference							OK Not OK		
			System XN									
			SP-10 <sup>1</sup>									
			Difference							OK Not OK		
			Wescor <sup>2</sup>									
			Difference							OK Not OK		
			System XN									
			SP-10 <sup>1</sup>									
			Difference							OK Not OK		
			Wescor <sup>2</sup>									
			Difference							OK Not OK		
			System XN									
			SP-10 <sup>1</sup>									
			Difference							OK Not OK		
			Wescor <sup>2</sup>									
			Difference							OK Not OK		

<sup>1</sup> Slide stained on Sysmex SP-10, manual differential performed and compared to automated diff

<sup>2</sup> Slide stained on Wescor, manual differential performed and compared to automated diff

Platelet Instructions: Record count from Sysmex. Indicate SP-10/Wescor manual smear as Decreased, Normal, Increased or Clumped.

Criteria: Count <163 = Decreased; Count 163 - 369 = Adequate; Count >369 = Increased; Clumped = plt clumps seen on smear

Circle OK or Not OK to evaluate the automated and manual comparison for each stainer

Supervisor Review \_\_\_\_\_