



HEALTH HOLDING

HAFER ALBATIN HEALTH
CLUSTER
MATERNITY AND
CHILDREN HOSPITAL

Department:	Laboratory and Blood Bank (Haematology)		
Document:	Internal Policy and Procedure		
Title:	Correction for Nucleated for RBC's 10/100 WBC's		
Applies To:	All Laboratory Staff		
Preparation Date:	January 06, 2025	Index No:	LB-IPP-053
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1. PURPOSE

- 1.1 To establish system and set responsibilities for correction of WBCs count if nucleated RBCs are 10 or more per 100 WBCs in differential blood smear.

2. DEFINITONS:

N/A

3. POLICY:

- 3.1 Correction of cell counter WBCs count if nucleated RBCs are 10 or more per 100 WBCs in differential blood.

4. PROCEDURE:

- 4.1 All CBCs samples with suspected nucleated RBC's.
- 4.1.1 The assigned doctor should order differential blood smear for any suspected result for nucleated RBCs.
- 4.1.2 Count the number of nucleated cells per 100 WBCs.
- 4.1.3 After finishing the differential count from the blood smear determine the number of nucleated RBCs/100 WBCs.
- 4.1.4 If the number of NRBCs is 10/100 WBCs or more correction must be done for WBCs actual count by this formula: $\text{WBC count} \times 100 \text{ Corrected WBCs divided by } 100 + \text{No. of NRBC's}$

5. MATERIALS AND EQUIPMENT:

N/A

6. RESPONSIBILITIES:

- 6.1 The assigned hematology doctor

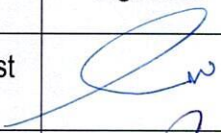




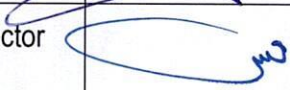
7. APPENDICES:

N/A

8. REFERENCES:

- 8.1 Clinical Diagnosis and Management by Laboratory Method, 18 th Edition. W.B Saunders Company 1991
8.2 A Manual Laboratory & Diagnostic Tests (Lippincott Williams & Wilkins)

9. APPROVALS:

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