

Beaumont

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Hematology Downtime Cell Counter- RO

Document Type: Procedure

I. PURPOSE AND OBJECTIVE:

The purpose of this procedure is to guide the technologist when using Cell Counter software.

II. PROCEDURE:

- A. From the morphology bench PC, click on the "Cell Counter" icon.
- B. You will be prompted for a password. Type "beaumont".
- C. A screen appears which states:
 1. "Delete all records? This cannot be undone."
- D. Select "Cancel".
- E. A menu of available cell counting options appears. Click on the desired option:
 1. White Blood Cell Differential
 2. Body Fluid Cell Differential
 3. Bone Marrow Differential
 - a. Note: Calculate promyelocyte percent manually.
 4. Reticulocyte Differential
 5. Leukocyte Alkaline Phosphatase (LAP) Score
 6. Ringed Sideroblast Count
 7. Corrected WBC
 8. Acid Elution
- F. Fill in the appropriate information by clicking on:
 1. Patient Name
 2. Patient Number
 3. The analysis date will default to the current date.
 4. Click on Analyst and enter your name.

- G. For the WBC Count Differential and the Corrected WBC Count programs, you must enter the patient's WBC count.
- H. For the reticulocyte count, you must enter the patient's RBC count.
- I. Click on the "Key Strokes" box and begin counting cells, using the key codes described below that box. Each line in the "Key Strokes" box represents 50 cells. After completing the count, click on "Enter Counts". The key strokes will automatically disappear from the "Key Strokes" box and fall into the Raw Count and Percent columns. The Absolute Counts will automatically be calculated. Enter any appropriate comments in the Comment box.
- J. To obtain a printed copy, click on *File* from the pull-down menu, then click on *Print*. A hard copy will print for your records.
- K. To begin a new patient, click on *New Record* at the right side of the screen and begin the process again.
- L. When finished, click on *File* from the pull-down menu, then click on *Exit*.

Attachments

No Attachments

Approval Signatures

Step Description	Approver	Date
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