

CBC/D: Modernization and Simplification

Date: February 7th, 2024

Effective Date: March 20th, 2024

After extensive consultation from providers throughout URMC and affiliates, UR Medicine Labs will no longer report CBC/D parameters which have little or no clinical significance. Discontinued parameters include Mean Corpuscular Hemoglobin Concentration (MCHC), Mean Corpuscular Hemoglobin (MCH), and differential percentages except neutrophils and abnormal cells.

In the rare event that it may be needed, providers may calculate the MCHC and MCH using the following formulae:

$$MCHC = \left(\frac{HGB}{HCT} \right) \times 100$$

$$MCH = \left(\frac{HGB}{RBC} \right) \times 10$$

The percentages of lymphocytes, monocytes, basophils, and eosinophils will no longer be reported in the CBCD. The percentage of neutrophils will remain. In the rare event that it may be needed, providers may calculate cell percentages using the following formula:

$$Cell\% = \left(\frac{Cell\#}{WBC} \right) \times 100$$

If you have any questions please contact Geoffrey Harris, Chief Supervisor for Hematology & Chemistry Laboratories at Strong Memorial Hospital, at 275-2435 or Geoffrey.Harris@urmc.rochester.edu, or Dr. Burack at any of the below methods listed.

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