

Hematology Resulting Updates

Effective Date: July 30, 2025

Corewell Health Laboratories will be aligning the hematology middleware (Caresphere) among all regions. Below are the resulting updates for CHE (Corewell Health East):

Red Blood Cell morphology grading changes from 1+, 2+, 3+ to few, moderate, many: Acanthocytes, Echinocytes, Elliptocytes, Macro Ovalocytes, Hypochromasia, Polychromasia, Schistocytes, Blister Cells, Bite Cells, Spherocytes, Stomatocytes, Target Cells, Tear Drop Cells.

Schistocyte review order grading changes: none seen, few (<1), moderate (1-2), many (>2).

Ovalocytes name change to Elliptocytes.

New Macro Ovalocytes category. Grading moderate (2-5) and many (>5).

IPF (immature platelet fraction) will display within the CBC portion. IPF will result every 24 hours when platelet is less than $100 \times 10^9/L$.

When appropriate criteria are met, a manual differential reflex or an RBC morphology reflex will be resulted.

IRF (immature reticulocyte fraction) unit change from ratio to percentage. See reference range table below.

	Current	New
Male IRF Reference Range	0.01-0.16	1-16%
Female IRF Reference Range	0.02-0.14	2-14%

For questions regarding testing, please contact Corewell Health Laboratory Customer Service at **800-551-0488**.

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