“New Innovations in Blood Cell Counting”

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Educational Objectives

At the conclusion of this activity, the learner should better be able to:

1. To describe the formation and function of circulating blood cells and the clinical importance of blood cell counts.
2. To describe the basic technical operation of the modern blood cell counter in measuring circulating red blood cells, red blood cell indices, white blood cells, platelets, and other parameters.
3. To understand the clinical significance of new blood cell parameters, including the immature granulocyte count (IG), nucleated red blood cell (nRBC) count, immature reticulocyte fraction (IRF), reticulocyte hemoglobin (RET-He), and immature platelet fraction (IPF).
4. To access additional resources on the measurement and interpretation of blood cell counts and related parameters.

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