

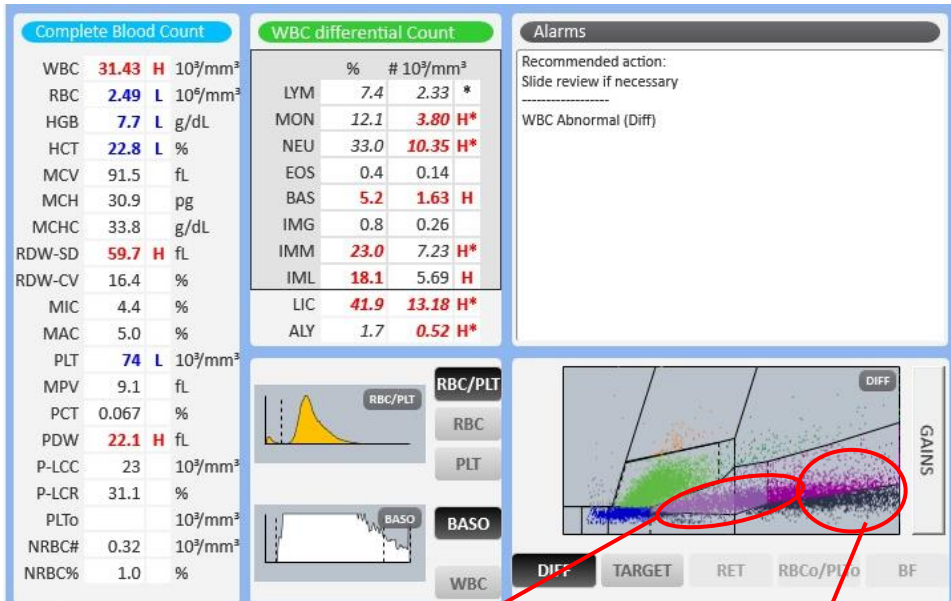


Patient Demography: Male aged 56

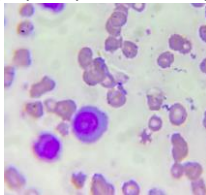
Diagnosis: Possibility of Plasma Cell Leukemia can be considered.

Microscopic Review: Atypical lymphocytes 37%. RBCs are predominantly normocytic normochromic. There is mild degree of anisocytosis. 2 nRBCs/ 100 WBC seen. Few polychromatophilic cells seen. Marked leukocytosis with 37% atypical lymphocytes (Plasma cell/ Plasmablast). Round to oval, few with indented nucleus, occasionally binucleated, single prominent nucleus, abundant cytoplasm with hairy projections. Neutrophilic leukocytosis. Myeloid left shift is seen. Mildly reduced by smear.

Other Information: Immunophenotyping by flow cytometry, bone marrow aspiration and biopsy, serum protein electrophoresis and immunofixation, renal function test.



Atypical lymphocytes/Plasmacytoid Cells



Blast/Atypical Plasma Cells

