## HORIBA Yumizen Chase the Case #26

- Leukemia -

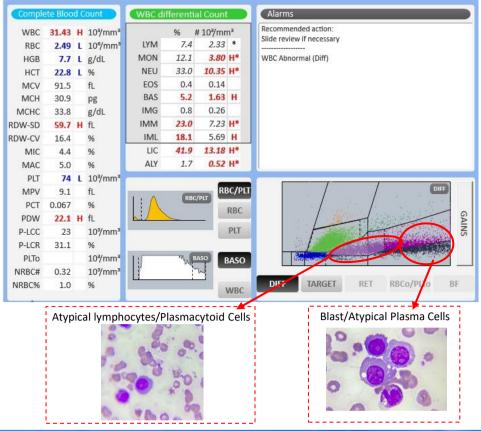


## Patient Demography: Male aged 56

Diagnosis: Possibility of Plasma Cell | Leukemia can be considered.

Microscopic Review: Atypical lymphocytes 37%. RBCs are predominantly normocytic normochromic. There is mild degree or 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.



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Daniele Pacheco, Prakash Suvasia, Sebastien Raimbault HORIBA Medical India, Brazil & France This clinical case has been provided by Dr. Islam Barkatullah Khan, Diveak Rustogi, Arvind, Rajeev Ranjan, Ro<u>cky, Redcliffe Labs, India.</u>