

PROGRAM

08

September, 2022

Bologna,
Italy

10



HORIBA
Medical



ISLH 2022
Bologna, Italy

SCIENTIFIC PRESENTATIONS

Saturday, September 10th, 2022 - Volvo Congress Center
HORIBA Medical Luncheon Workshop Theater - 12:10 PM



Prof. Sukesh Nair

Professor of Pathology , department of Transfusion Medicine and Immunohaematology at the Christian Medical College,Vellore, India.

Bringing Maturity to Platelets analysis with a new platelet parameter

Platelet analysis and estimation is simple yet a complex process for various pathological conditions. Platelet activity can correlate with the platelet size and the platelet numbers. The platelet size can be assessed by various platelet indices and technological derivatives. Impedance technology is widely used however this has a limitation specially in thrombocytopenia cases with large or giant platelets, red cell fragmentation, when a platelet histogram cannot be drawn properly to derive an accurate platelet count.



Dr. Rajesh Kumar Bhola

Professor in Pathology, IMS & SUM Hospital, India.

Quantifying Total Immaturity but in Leucocytes

The immature forms like metamyelocytes, myelocytes & promyelocytes are counted separately as immature granulocytes (IMG / IG) & presence of blasts / abnormal lymphoid cells/ atypical lymphocytes are flagged as suspicious flags by some cell counters. But parameters of immaturity like IMM (Immature medium granularity), IML (immature low granularity), ALY (Atypical lymphocytes) & LIC (Large immature cells) are only presented by few current generation advanced cell counters like Yumizen H2500.



Dr. Françoise Durrieu

Head of Medical biology laboratory - Bergonie Oncology Institute - Bordeaux, France.

Evaluation of the WBC-differential flagging performances and accuracy of the HORIBA Yumizen H2500 cell counter in oncology patients

Our study focused on WBC-flag triggering slide review by microscopist in patients with altered hematopoiesis. Overall, the Yumizen H1500/H2500 analyzer demonstrated improvement of WBC-diff analysis and reliability as compared our routine analyzer Pentra Nexus, a better precision and a significant decrease (-21%) for unnecessary morphology reviewing by microscopy, saving significant time in our laboratory.





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