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 / IGL) & 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.