

## **Prognostic Evaluation of Chromosomal Aberrations in Acute Lymphoblastic Leukaemia**

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**ABSTRACT** Incidences of leukaemia continues to increase in India due to environmental deterioration. Acute lymphoblastic leukaemia (ALL) patients generally possess a poor prognosis but require very aggressive chemotherapy. In spite of the limitations in chromosome preparation in ALL, the prognostic value of chromosome analysis has been considered to be of great importance as evident from the findings of different workers. A probable relationship between the prevalence of polyploids in bone-marrow of ALL patients during induction-of-remission and platelet production during maintenance therapy warrants further investigation to evaluate the prognostic approach of the finding. The common feature of t (9:22) in different leukaemias and its possible role in understanding some key mechanism of disease development has been discussed.