Leukaemia Section
Short Communication

Severe hypodiploid acute lymphoblastic leukaemia

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Identity

Clinics and pathology

Disease
Acute lymphoblastic leukemia (ALL)

Epidemiology
A very rare type of leukaemia, primarily of young adults.

Cytology
Vacuolated small and large blasts.
**Prognosis**
Poor prognosis with short complete remission duration.

**Cytogenetics**

**Cytogenetics morphological**
ALL with severe hypodiploidy is characterised by chromosome number ranging from 30-39 and the chromosomes commonly retained are copies of 1, 4, 5, 6, 8, 9, 10, 11, 18, 19, 21, 22, and the sex chromosomes; cells with double the hypodiploid number may also be present.

**References**
Callen DF, Raphael K, Michael PM, Garson OM. Acute lymphoblastic leukemia with a hypodiploid karyotype with less than 40 chromosomes: the basis for division into two subgroups. Leukemia. 1989 Oct;3(10):749-52


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