Leukaemia Section
Short Communication

dic(9;12)(p11-13;p11-12)
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Identity

Note: dic(9;12) is mainly found in ALL, and that is the clinical entity which is described below.

Clincs and pathology

Disease
ALL most often; rarely: CML in blast crisis, T-cell leukaemia or lymphoma.

Phenotype / cell stem origin
Of dic(9;12)/ALL: L1/L2 CD10+ most often, may be CIg+ ALL.

Epidemiology
1% of paediatric ALL; sex ratio: 2M/1F; children and young adults (> 1 yr, < 25 yrs); no infant case.

Clinics
Moderate organomegaly; blood data: moderate WBC.

Treatment
No BMT; no high risk protocol.

Prognosis
CR in all cases; 5 yrs survival > 95%.

Cytogenetics

Cytogenetics, morphological
Dicentric with loss of parts of 9p and 12p → ploidy: 45 chromosomes.

Additional anomalies
+8, +21.

To be noted
Bone marrow transplantation should not be performed, as the prognosis of the dic(9;12)/ALL is excellent.

References


This article should be referenced as such: