

Leukaemia Section

Short Communication

t(6;12)(q15;p13)

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Abstract

Review on t(6;12)(q15;p13)

Keywords

Chromosome 6; Chromosome 12; t(6;12)(q15;p13);
Prolymphocytic leukemia

Clinics and pathology

Disease

B-cell prolymphocytic leukemia

Epidemiology

Only 5 cases to date, 3 males and 2 females, all patients were over 65 years old (Sadamori et al., 1983)

Cytogenetics

Additional anomalies

All five cases showed complex chromosome abnormalities. Four of the five cases were hypodiploid and displayed monosomy 17.

Prognosis

No data

Pts	Age, gender	Disease	Karyotype
1	66,M	B-prolymphocytic leukemia	48,XY,+add(1)(p36),+t(6;12)(q15;p13),t(6;6;14)(p21;q21;q32),+12,-13
2	77,M		43,X,-Y,+t(6;12)(q15;p13),-8,add(13)(q34),-17,-22
3	69,M		44,XY,-2,t(6;12)(q15;p13),-17
4	72,M		43,X,-X,+t(6;12)(q15;p13),-8,-17,-18,-22,+mar
5	87,M		45,XX,t(5;16)(q22;p13),-6,t(6;12)(q15;p13),t(6;19)(p11;p13),-17,+r

Table 1. Reported cases with t(6;12)(q15;p13)

References

Sadamori N, Han T, Minowada J, Bloom ML, Henderson ES, Sandberg AA. Possible specific chromosome change in prolymphocytic leukemia. *Blood*. 1983 Oct;62(4):729-36

This article should be referenced as such:

Zamecnikova A, al Bahar S. del(5q) in acute lymphoblastic leukemia (ALL). *Atlas Genet Cytogenet Oncol Haematol*. 2020; 24(7): 275.