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Leukaemia Section
Short Communication

inv(6)(p25q13)

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Clinics and pathology

Disease

Myeloid malignancies.

Epidemiology

Two cases available, a 62 year-old male patient with refractory anaemia with excess of blasts (RAEB), and a patient with a treatment related myelodysplastic syndrome (t-MDS) evolving towards acute myeloid leukaemia (AML).

Prognosis

The patient with RAEB died 1 month after diagnosis.

Cytogenetics

Additional anomalies

The patient with RAEB also had a del(7q) and a del(20q).

Genes involved and proteins

Note

The genes involved in this chromosome rearrangement are unknown.

References

Davis MP, Dewald GW, Pierre RV, Hoagland HC. Hematologic manifestations associated with deletions of the long arm of chromosome 20. Cancer Genet Cytogenet. 1984 May;12(1):63-71

Olney HJ, Mitelman F, Johansson B, Mrózek K, Berger R, Rowley JD. Unique balanced chromosome abnormalities in treatment-related myelodysplastic syndromes and acute myeloid leukemia: report from an international workshop. Genes Chromosomes Cancer. 2002 Apr;33(4):413-23

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