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Case Report Section

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Translocation (X; 20)(q13;q13.3): a nonrandom abnormality in four patients with myeloid disorders: case 1

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Clinics

Age and sex

57 years old female patient.

Previous history

No preleukemia. Previous malignancy: Breast infiltrating ductal carcinoma treated with radiation and tamoxifen.

Organomegaly

No hepatomegaly, no splenomegaly, no enlarged lymph nodes, no central nervous system involvement.

Blood

WBC: 3.8X 10^9/l
HB: 11.4g/dl
Platelets: 160X 10^9/l

Cyto-Pathology Classification

Diagnosis

Myelodysplastic syndrome (MDS): refractory anaemia.

Survival

Treatment

Maintenance therapy for MDS patient declined bone marrow transplantation (BMT).
Relapse: no

Status: Alive

Survival: 42 months

Karyotype

Sample: BM

Culture time: 24/48h unstimulated cultures.

Banding: G-banding.

Results: 46,X,t(X;20)(q13;q13.3)[5]/46,XX[15].

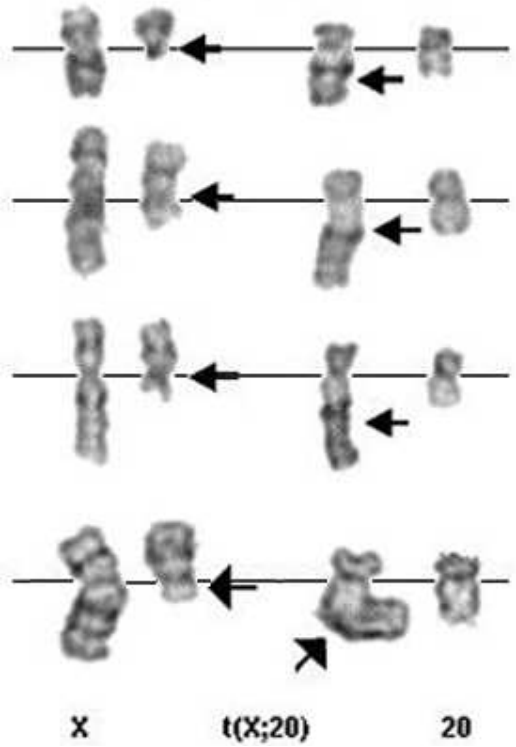

Fig. 1. Partial karyotypes of the translocation t(X;20)(q13;q13.3) for cases 1•4 (top to bottom). Arrows indicate the derivatives 20 and X.

References

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