CASE REPORTS in HAEMATOLOGY  
(Paper co-edited with the European LeukemiaNet)  

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

Kavita S. Reddy, Kathy Richkind

**Clinics**

Age and sex: 57 yrs old female patient  
Previous history: no preleukemia; 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: 3.8 x 10^9/l; Hb: 11.4 g/dl; platelets: 160 x 10^9/l;  

**Survival**

Treatment: maintenance therapy for MDS patient declined bone marrow transplantation (BMT)  
Relapse: -  
Status: A  
Survival: 42 months +

**Karyotype**

Sample: BM; culture time: 24/48 hours 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 14 (top to bottom). Arrows indicate the derivatives 20 and X.

**Internal links**
- Atlas Card: t(X;20)(q13;q13)
- Case Report: Translocation (X;20)(q13;q13.3): a nonrandom abnormality in four patients with myeloid disorders: case 2
- Case Report: Translocation (X;20)(q13;q13.3): a nonrandom abnormality in four patients with myeloid disorders: case 3
- Case Report: Translocation (X;20)(q13;q13.3): a nonrandom abnormality in four patients with myeloid disorders: case 4

**Bibliography**

**Characterization by chromosome painting of balanced and unbalanced X chromosome translocations in myelodysplastic syndromes**

**Translocation (X;20)(q13.1;q13.3) as a primary chromosomal finding in two patients with myelocytic disorders**
B.A. Gray, D. Cornfield, A. Bent-Williams and R.T. Zori
Cancer Genet Cytogenet 2003; 141: 169174.

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Kavita S. Reddy, Kathy Richkind, Micheal Ross and Rubin Seirra
Contributor(s)
Kavita S. Reddy, Kathy Richkind

Written
01-2005

Citation
This paper should be referenced as such:

URL: http://AtlasGeneticsOncology.org/Reports/0X20ReddyID100009.html

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