Case Report Section
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Dic(1;15)(p11;p11) as a non-random abnormality in Polycytemia Vera

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Clinics

Age and sex
72 years old female patient.

Previous history
No preleukemia. No previous malignancy. No inborn condition of note.

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

Blood
WBC: 6.5X 10^9/l
HB: 19g/dl
Platelets: 350X 10^9/l
Blasts: 0%

Cyto-Pathology
Classification
Cytology: -
Immunophenotype: -
Rearranged Ig Tcr: -
Pathology: MPD, PV
Electron microscopy: -
Diagnosis: Polycytemia vera.

Survival
Date of diagnosis: 07-1990
Treatment: Hydroxyurea
Complete remission: was obtained

Treatment related death: no
Phenotype at relapse: AML with unknown phenotype due to bone marrow aspiration failure.
Survival: 134months.

Karyotype
Sample: bone marrow.
Culture time: 48h
Banding: RHG
Results: 46,XX,-15,+dic(1;15)[13]
Karyotype at Relapse:
46,XX,del(7)(q22;q34),-15,+dic(1;15)(p11;p11)[18]
Other molecular cytogenetics technics: NA

Other Molecular Studies
Technics: NA

Karyotype at diagnosis presenting the isolated dic(1;15)(p11;p11).
Comments

This is an additional MPD case presenting this recurrent abnormality, with 11 years survival. However in this case the death is related to disease (respiratory distress on leukostasis).

This article should be referenced as such: