

Case Report Section

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Dic(1;15)(p11;p11) as a non-random abnormality in Myelodysplastic syndrome

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Clinics

Age and sex

76 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: 6.7X 10⁹/l

HB: 7.5g/dl

Platelets: 450X 10⁹/l

Blasts: 0%

Bone marrow: 52 ringed sideroblast (Perls staining).

Cyto-Pathology Classification

Cytology: -

Immunophenotype: -

Rearranged Ig Tcr: -

Electron microscopy: -

Diagnosis: Myelodysplastic syndrome (MDS); refractory anemia with ringed sideroblast (RARS).

Survival

Date of diagnosis: 05-1994

Treatment: Norethandrolone

Complete remission was obtained.

Treatment related death: no

Relapse: no

Status: Death. Last follow up: 04-1997

Survival: 37 months

Karyotype

Sample: Bone marrow

Culture time: 48h

Banding: RHG

Results

46,XX,[3]/47,XX,+8[3]/47,XX,+8,-15,+dic(1;15)(p11;p11)[8]

Other molecular cytogenetics technics: NA

Other Molecular Studies

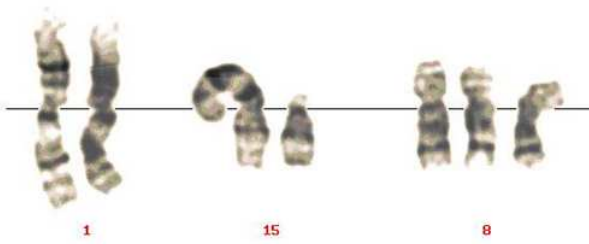
Technics: NA

Other Findings

Note: NA

Comments

This is an MDS case presenting this recurrent abnormality, with a 3 years survival. In this case the death is not related to disease (non-small cell lung carcinoma).



Partial karyotype at diagnosis presenting the dic(1;15)(p11;p11) associated with trisomy 8.

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