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Case Report Section

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A case of pre-B ALL with t(8;14)(q11;q32)

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Clinics

Age and sex
11 years old male patient.

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

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

Blood

WBC: 4.3X 10^9/l
HB: 3.3g/dl
Platelets: 16X 10^9/l
Blasts: 2%
Bone marrow: 99 blasts%

Cyto-Pathology Classification

Cytology
ALL-L1

Immunophenotype
CD19+/CD10+/Tdt+

Rearranged Ig Tcr
IgH: +, TCR: +

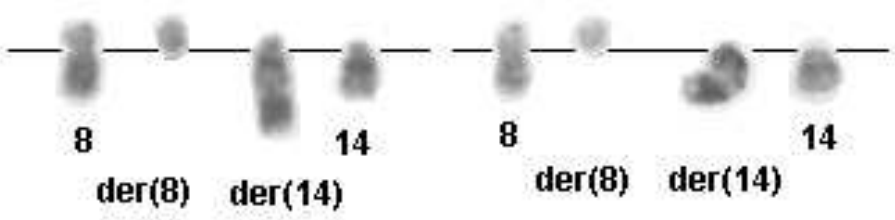
Diagnosis
pre-B ALL

Survival

Date of diagnosis: 08-2000
Complete remission was obtained.
Status: Alive.
Survival: 10 +months

Karyotype

Sample :Peripheral blood sample
Culture time :24 h culture
Banding: G-banding.
Results : 49,XY,+X,t(8;14)(q11;q32), +12,+21[15]/46,XY[10]



t(8;14)(q11;q32) G- banding - Gitte Birk Kerndrup, Steen Rosthøj.

Comments

This case, an eleven year old boy does not have Down syndrome or other inborn genetic conditions. His spleen and liver were remarkably enlarged (spleen: to the umbilical plane, liver: 4 fingers below the costal margin). He had no lymph node involvement, nor CNS- or testis disease. He did not, on flowcytometric immune phenotyping, show evidence of bilineage differentation. The phenotype was the usual for a pre-B ALL (CD10+/CD19+/Tdt+).

References

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