

عنوان مقاله:

The Survival of Patients with t(15;17)(q22;q12) Positive Acute Promyelocytic Leukemia: A Study in North-East of Iran

محل انتشار:

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تعداد صفحات اصل مقاله: 7

نویسندگان:

Hossein Ayatollahi - *Cancer Molecular Pathology Research Center, Mashhad University of Medical Sciences, Mashhad, Iran*

Ali Bazi - *Clinical Research Development Unit, Amir-Al-Momenin Hospital, Zabol University of Medical Sciences, Zabol, Iran*

Mohammad Hadi Sadeghian - *Cancer Molecular Pathology Research Center, Mashhad University of Medical Sciences, Mashhad, Iran*

Ali Fani - *Cancer Molecular Pathology Research Center, Mashhad University of Medical Sciences, Mashhad, Iran*

خلاصه مقاله:

Background & Objective: Acute promyelocytic leukemia (APL) with t(15;17)(q22;q12) is a relatively common subtype of acute myeloid leukemia (AML). Here, our objective was to ascertain the survival of patients with this leukemia in north-east of Iran. **Methods:** Survival rates of 42 APL patients with t(15;17)(q22;q12) were assessed. Clinical information was obtained from archived medical records. Statistical analysis was performed by SPSS 18 software using log-ranked test and Kaplan Maier survival analysis. **Results:** Females and males comprised 49% and 51%, respectively. The mean age at diagnosis was 34.3 14.1 years old. During the study period, 17 demises occurred in males, while this number was 7 in females. The mean survival of patients (month) was 23.22 3.57 (95% CI: 16.21 30.2). The five-year survival rate obtained 30%. Regarding demographic and clinical features, the highest rates of 5-year survival were recorded in patients with 20-35 years old (47.6%), males (51%), white blood cell count 140 /l (100%). **Conclusion:** Younger age, lower WBC count and higher platelet count were significantly associated with (longer survival in AML patients with t(15;17)(q22; q12).

کلمات کلیدی:

(Acute myeloid leukemia, Acute promyelocytic leukemia, Blood cancer, Survival, t(15, 17)(q22, q12)

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