A NOVEL TRANSLOCATION T(1;18) IN A PATIENT WITH MYELODYSPLASTIC SYNDROME
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We report a 73 years old female patient who were admitted to an outpatient clinic with the symptoms of fatigue and palpitation. Whole blood count revealed pancytopenia with WBC count of 3000 /µL, Neutrophil count of 700 /µL, Hb level of 6.7 g/dL and platelet count of 33000 /µL. She was referred to our hematology clinic to be further evaluated for the etiology of pancytopenia. The peripheral blood smear revealed lymphomonocytosis with atypical lymphoid cells, promonocytes and true thrombocytopenia. Bone marrow aspiration and biopsy was consistent with MDS-RAEB 2 with %18 blasts. The cytogenetic study of bone marrow sample revealed complex caryotypic features with 20 metaphases. Azacytidine therapy was initiated and after 4 cycles of therapy partial remission was achieved and further 3 cycles were applied in order to consolidate the response. The cytogenetic evaluation of the bone marrow sample after 7 cycles of Azacytidine has also revealed complex caryotypic anomalies and an unbalanced translocation of 1 and 18th chromosomes. After 1 months she had a relapse of MDS RAEB 2 and she was put onto another epigenetic therapy of decitabine. In reviewing the literature: it is suggest that 4 patient has t(1;18). 2 of these patients is T-ALL, 1 is AML, 1 is MDS RAEB2. In terms of this perspective, this case is presented for the aim of contribute the literature.