
Letter to the Editor

The Effect of ABO Incompatibility on Overall Survival of Patients Undergoing Allogeneic Bone Marrow Transplantation

To the Editor,

I read with interest the article entitled "The Role of ABO Incompatibility in Allogeneic Peripheral Blood Stem Cell Transplantation" in Turkish Journal of Hematology 2002; 19(3): 401-409. Because the effect of ABO incompatibility in stem cell transplantation was reported, I would like to present the results of our study^[1]. We investigated retrospectively the effect of ABO incompatibility in our patients. Between January 1996 and March 1999, 30 patients with haematological disorders underwent allogeneic bone marrow transplantation (alloBMT) in Gülhane Military Medical Academy Department of Hematology were enrolled to the study. Twenty-six patients were male and four were female, and median age was 23 years (range; 19-49). The diagnosis of patients were acute myeloid leukemia in 9 patients, acute lymphoid leukemia in 6 patients, chronic myeloid leukemia in 4 patients, severe aplastic anemia in 4 patients, myelodysplastic syndrome in 3 patients, non-Hodgkin lymphoma in 2 patients, multiple myeloma in 1 patient and agnogenic myeloid metapla-

sia in 1 patient. Six patients had ABO and 9 patients had Rh incompatible donors. Overall survival was not statistically different between the patients who had ABO or Rh incompatible donors and the patients who did not. Moreover, ABO incompatibility did not affect the survival of these patients when each diagnosis were taken into the consideration as well. We concluded that ABO and Rh incompatibility has no major impact on alloBMT outcome.

REFERENCE

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