

Abstract

Background and purpose: Cancer patients, due to the dangerous nature of the disease, experience a crisis in their physical and spiritual health, and their spiritual needs increase dramatically. This study was conducted with the aim of investigating the effect of spiritual care based on the model of the heart (Salim) on the adaptation and social development of children with cancer undergoing chemotherapy, admitted to Shahid Madani Medical Education Center.

materials and methods: The current research is a semi-experimental research that was conducted on 40 children aged 5 to 12 years with cancer who were undergoing chemotherapy at Shahid Madani Hospital. Data collection tools included personal information questionnaire, Khanchi adaptation questionnaire, and Weiland social development questionnaire. After collecting the data, it was analyzed by Stata 16 software, which was used to analyze the data using the chi-square test to measure the relation between qualitative variables in two groups and the paired t-test and independent two-sample t-test to compare the mean. The variables were used before and after the intervention and compared between the two groups. ANCOVA test was also used to adjust the confounding effect of quantitative variables in the baseline phase.

findings: The results showed that the average adjustment score in the control group was not statistically significant ($P=0.18$), but the average The compatibility score in the intervention group was statistically significant ($P>0.001$). The average social development score in the control group was not statistically significant ($P>0.05$), but the average social development score in the group Before the intervention was statistically significant ($P>0.05$).

Conclusion: Children who received spiritual care based on the model of the heart (Salim), compared to the control group after the implementation of the intervention, had a significant change in the amount of adaptation and social development. The social development of school-age children under chemotherapy is effective and it is suggested to be considered in the care plan for these patients.

Keywords: cancer: spiritual care, adaptation, social development, chemotherapy