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Hope levels and its relationship between socio-demographic variables of adolescents with thalassemia major

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The aim of this study was to determine hope levels and its relationship between socio-demographic variables of adolescents with thalassemia major. The universe of study, pediatric hematology outpatient clinics followed with thalassemia major adolescents 12-18 years age group and healthy adolescents both primary and secondary schools in Muğla City. The research sample consisted, 112 thalassemia major adolescents in 12-18 years age group selected with improbability sampling method (study group) and 121 healthy adolescents in 12-18 years age group (control group) matched with the thalassemic adolescents' age and gender. Research data were collected by socio-demographic questionnaire for Adolescents with thalassemia and Hopefulness Scale for Adolescents. Data were evaluated by descriptive statistics, Student's t-test, Chi-square test, Mann-Whitney U test, Kruskal-Wallis test, variance and regression analysis.

There were not statistically significant difference Hopefulness Scale for Adolescents scale mean scores between the adolescents with thalassemia and healthy adolescents ($p>0.05$). Statistically significant difference was determined between Hopefulness Scale for Adolescents scale mean scores and educational status, family type, number of siblings, place of residence, family income, parents' age, parents' employment status and the education level of mothers of adolescents with thalassemia major ($p>0.05$). According to multiple regression analysis; adolescents' fathers graduation level which elementary/ junior school was associated with lower Hopefulness Scale for Adolescents scale scores ($p<0.05$) and adolescents' mothers graduation level which elementary/ junior school, being lost a close because of thalassemia, having blood transfusion in two weeks range were not associated with lower Hopefulness Scale for Adolescents scale scores of adolescents ($p<0.05$).

According to these results, nurses should plan interventions for increasing hope levels of adolescents with thalassemia major and awareness level of health care professionals should be increased about the identification of risk factors associated with hope levels.

Biography

Hüsnüye Çalışır is Assoc. professor at Adnan Menderes University Aydın School of Health, Division of Nursing, Pediatric Nursing Department. She has completed her PhD at Ege University Health Science Institutes on pediatric nursing. She worked at Istanbul University Medical Hospital as nurse up to 1999. She was working at Adnan Menderes University since 2000. She is head of the Department of Pediatric Nursing. She has published 7 international papers and 14 national papers in reputed journals and has been serving as reviewers for some national journals.

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