ID: 348

Congress: The First International & 4th National Congress on health Education & Promotion, 2011

Title: Evaluation effect of Health Education Program Based on Health Belief Model on the Prevention of cervical cancer among urban centers Women's in Zarandieh Iran

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Abstract: Background and Aims: Despite cervical cancer is highly preventable, yet it continues to occur, even among women who have access to cancer screening and treatment services. Cervical cancer is also a common type of cancer among women, especially in women 20–39 years of age. In several developed countries, the incidence of invasive cervical cancer has declined, which is largely attributed to early detection efforts. The purpose of this study was to determine the effect of Health Education Program Based on Health Belief Model on the Performance Pap Smear Test.

Materials and Method: This is, quasi-experimental intervention study was carried out on 120 women in Zarandieh Iran. Data was collected using a questionnaire Based on Health Belief Model and all group completed the questionnaire. After the analysis of pre-test results, educational content was designed and experimental group participated in 3 educational sessions during the one week. 2 months after the intervention, the post test was performed using that just primary questionnaire and was analyzed by SPSS software.

Results: our findings indicated that mean scores of HBM Model constructs (self-efficacy, susceptibility, severity, benefit and barriers perceived, were significantly increased in the experimental group compared to controls after intervention. Also, performance Pap smear test rate increased significantly among the experimental group compared to controls after intervention(p<0.01) (before intervention 30%, after intervention 53.9% in the experimental group).

Conclusion: Health education programs needed use of the Theories and models of changing of behavior in individual and organization levels for to help plan effective programs as the uptake of cervical cancer screening (Pap smear).

Health Belief Model,Pap smear,women

Presentation: Poster