KNOWLEDGE ABOUT CERVICAL CANCER, HUMAN PAPILLOMA VIRUS AND ATTITUDE AND ACCEPTANCE OF VACCINATION AMONG FEMALE STUDENTS OF ALBORZ UNIVERSITY OF MEDICAL SCIENCES

Introduction: Human papilloma virus (HPV) is leading cause of cervical cancer and sexually transmitted infections which are common health problems of young people. As the cervical cancer is a common cause of female mortality, evaluate and improve the knowledge and attitudes of people, especially students seem necessary.

Material and methods: The present cross sectional study was conducted on 202 female students. Data collected using a questionnaire containing demographic questions related to knowledge, attitudes, acceptance of the HPV vaccine. Reliability and validity of the questionnaire was approved.

Result: The findings showed that the majority of subjects (66.8%) had poor knowledge and in 5% of cases awareness is good. About 25 percent of students had a positive attitude and 2/5 percent had negative attitudes toward the HPV vaccine.

Over 70% of students reported if vaccine be available, they are willing to receive it.

The regression model showed that age, with the amount of knowledge (β =0.36, p = 0.000) correlation is significant.

ANOVA test showed awareness of nursing and midwifery students (p=0/00) is higher than others. Married students were more aware than singles (p=0/05). Linear regression analysis showed that there is no significant relationship between the level of awareness of cervical cancer and attitudes towards cervical cancer vaccine.

Logistic regression model, had showed a significant relationship between awareness of cervical cancer (OR= 1/8, and p <0/01) and acceptance of the vaccine.

Attitudes toward vaccines (OR =1/6, P <0/000), and marital status (OR =5/1, P =0/02) were predictors of vaccine acceptance.

Conclusions: According to human papillomavirus vaccination program in the country that still does not exist, create community awareness programs and prevention with vaccination programs seems appropriate action.

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