

## عنوان مقاله:

Assess the knowledge and awareness of Iranian medical students about human papilloma virus vaccination

## محل انتشار:

سومین کنگره بین المللی چالش های بالینی در مامائی، زنان و نازائی (سال: 1398)

تعداد صفحات اصل مقاله: 2

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## خلاصه مقاله:

**Background and Aim :** Cervical cancer is one of the five most common cancers in Iranian women. Due to the high role of human papilloma virus (HPV) in cervical cancer, vaccine injection in all countries has been considered. People's knowledge and attitudes toward the vaccine have a significant role in prevention and it seems that raising awareness of physicians increases the awareness of the people. The aim of this study was to evaluate awareness of HPV vaccines and their benefits and side effects among medical students of Shahid Beheshti University of medical sciences (SBMU). **Methods :** This descriptive-analytic cross-sectional study was performed among 520 of medical students of Shahid Beheshti University of medical sciences (SBMU). The data collection method was self-report questionnaire included 8 questions about HPV vaccines. Each question was scored from 0 (Not aware) to 10 (full knowledge). Data analysis was performed with SPSS23 software using t-test and chi-square tests. **Results :** Five hundred and twenty questionnaires were distributed and 513 medical students completed their questionnaires: The mean knowledge score of the students participating in this study was 5.27 with a standard deviation of 2.3. According to the classification of the scores in this study, this score is in the medium range. The highest awareness was for the first question (awareness of cervical cancer and its relation with HPV) with a mean of  $6.35 \pm 1.77$  and the lowest awareness was for the last question (knowledge of the side effects of the vaccine) with a mean of  $4.09 \pm 2.12$ . **Conclusion :** In general, the mean scores of awareness were in the medium range. Given the fact that the study was conducted in medical students, the statistics are far from being expected. Therefore, it is suggested that more attention must be paid to this issue during the training period, because increased awareness of the future students as a physician will eventually increase awareness of the role of the vaccine in preventing cancer, thereby reducing its mortality and recovery and increase health status of the community.

## کلمات کلیدی:

Cervical Cancer, HPV Vaccine, human papilloma Virus, Knowledge, Medical Students

