

Knowledge and Attitude of Male Healthcare Workers Regarding Human Papillomavirus and Vaccination

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August 17, 2023

Abstract

Background: Human papillomavirus is a pathogen that can cause genital warts and malignancies both in males and females. **Material and method:** The study was conducted as a descriptive, cross-sectional survey between June 20-30, 2023. A questionnaire was developed by reviewing similar studies to evaluate the sociodemographic structure, knowledge about HPV, knowledge about vaccination and attitude towards vaccination. **Results:** A total of 322 volunteers completed the questionnaire. Participants mostly gave true answers to the questions about human papillomavirus, while they gave false answers to the questions about vaccination at a high rate. In addition, the overall Human papillomavirus knowledge score of vaccinated participants or participants willing to be vaccinated was significantly higher than that of unvaccinated participants and participants unwilling to be vaccinated ($p < 0.05$). There was a significant and moderately strong relationship between Human papillomavirus vaccine knowledge level and willingness ($\Phi = 0.26$, $p = 2.94e-06$), while there was a significant but low strength relationship between vaccination status ($\Phi = 0.17$, $p = 1.86e-03$). It was determined that medical position, age, alcohol use and regular physical activity were more likely to negatively affect the Human papillomavirus knowledge levels of assistant health care workers. Vaccine unwillingness was also high in 27-40 age group. **Conclusion:** Human papillomavirus knowledge, medical position, number of sexual partners, social habits, view about vaccination, cost, religious and cultural values directly affect the rate of human papillomavirus vaccination and willingness to be vaccinated.

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