

## 10th World Summit on Neonatal Nursing and Health Care

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**Knowledge and awareness regarding Human Papilloma Virus and its vaccination among nursing students****Nirmala Jyothi**

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**Aim:** Human Papillomaviruses (HPV) infection is considered as the most common sexually transmitted viral infection worldwide. Persistent HPV infection is one of the most sexual transmitted are associated with more than 5% of all cancers in the world. Cervical cancer is the most common cancer among women in India. Though there is an accessibility of vaccine, due to lack knowledge related to HPV virus infection and the vaccine is seldom used by both general public and health care professionals. Hence, the researcher felt the need to conduct research study among the nursing students to assess the knowledge and awareness regarding HPV infection and vaccination.

**Materials and Methods:** A non-experimental descriptive study design was used. The sample size consist of 150 nursing students (50 students from each batch) studying 1st year, 2nd year and 3rd year B.Sc. Nursing at NRI College of Nursing, Chinakakani, Guntur Dt, AP. The systematic random sampling technique was used to select the subjects. A semi-structured questionnaire for demographic data, MCQ's for knowledge and checklist for awareness on Human Papilloma virus and vaccination was used to collect the data. The data were entered into a Microsoft excel sheet and analysis was done.

**Results:** The majority (50%) of the respondents were belong to the age group of 20-21 years and (86%) of students were females. Majority of the students (94%) were having poor knowledge regarding HPV infection. Most (80%) of the respondents were having fair awareness regarding Human Papillomaviruses vaccination. There is a significant difference

between males and females regarding the knowledge of human papilloma virus. The present study finding states that 94% of the respondents were having poor knowledge and remaining 6 % were having fair Knowledge regarding HPV Infection.

**Conclusion:** The results of the present study established that future nursing students need training about HPV infection and its vaccine, because the today's nursing students are future health care team and important roles they play in the prevention of sexually transmitted diseases, some of them related to the occurrence of cancer. The study findings emphasize the need for making a change in the approach to vaccine education in the current nursing curriculum. It would be necessary in nursing educational institutions to train the Students on various aspects of HPV infection its prevention and vaccination. The knowledge and awareness regarding HPV infection and vaccination among nursing students is important for their own wellbeing and also they are the main influencers of the public who keeps in touch with the patient as well as among the peer group.

**Biography**

Nirmala Jyothi B has completed her M.Sc. Nursing degree at the age of 40 years from Sri Padmavati Mahila Visvavidyalayam is a women's university in Tirupati, Andhra Pradesh, India. She is the Nursing researcher and had published more than 20 research articles in both national and international journals, over 7 publications that have been cited, and her latest publication was on awareness of risk factors on Breast cancer. She has been serving as an editorial board and scientific board member of reputed Journals.