

An overview of human papillomavirus vaccines**Chandrika Johnson**

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In recent years, the development of the Human Papillomavirus (HPV) vaccines has spurred controversy over whether or not males as well as females should obtain the vaccine against the HPV disease. HPV vaccination is an important public health issue because it prevents cancer. The HPV vaccination reduces rates of transmission of genital warts and certain HPV related cancers in males as well as reducing the incidence of cervical cancer in women. The development of the HPV vaccine has further improved opportunities for healthcare providers to effectively combat the human papillomavirus disease. Presently, there are three vaccines marketed in the United States and approved by the FDA that can protect against the sexually transmitted infection of HPV. They are Gardasil®, Gardasil 9®, Cervarix®. All three prevent infections with HPV types 16 and 18, which are the two highest risk that cause approximately 70% of cervical cancer in women and a higher percentage of other HPV-related cancers in men and women. In this presentation the researcher will focus on the three Human Papillomavirus vaccines importance in regards to availability, effectiveness, safety, cost and recommendations.

Biography

Chandrika Johnson is an Assistant Professor of Health Education in the Department of Middle Grades, Secondary and Specialized Subjects at Fayetteville State University. Dr. Johnson received her Bachelor of Science degree in Community Health Education from University of North Carolina at Pembroke, Master of Public Health degree in Community Health Education from the University of Tennessee at Knoxville, and her Ph.D. in Health Education from Southern Illinois University at Carbondale. Prior to coming to Fayetteville State University, she taught Health and Physical Education in the Cumberland County Public School System. She also has previous experience as a Health Educator at various hospitals and non-profit organizations. Dr. Johnson has worked at Fayetteville State University since 2005 and teaches health education classes. In fall 2007, she designed and developed the first on-line classes (Drug Education and Nutrition), in the Department of Health, Physical Education and Human Services.

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