Getting to know more about Human papillomavirus(HPV)

HPV is one of the most common sexually transmitted infections globally and also associated with cancers of the anogenital region.

RELATED DISEASES

Cancer:

- Persistent infections with HPV⁵ Did you know that **cervical cancer** is:
- The 3rd leading cause of female cancer, and
- 2nd most common female cancer in women aged between 15-44 years old? ²

Warts:

- Noncancerous skin growths caused by skin infections with HPV
- Spread by direct skin-to-skin contact or indirectly through contact with contaminated surface ¹

Genital Warts

-Most commonsexually transmitted disease-Mostly occur when individual begins sexual activity.



Flat Warts

-Occur in large number, often found on face, neck, hands, wrists and knees.



Plantar Warts

- -Common among children
- -Often found on sole of the foot.



PREVENTION METHODS

Screening:

Pap smear testing suggested by WHO and IARC, can be used as a screening method to be adapted for secondary prevention.

DID YOU KNOW?

Women have 2-10 times higher chances of infecting invasive cervical if they seldom do screening.4

Vaccinations:

Recommended for <u>routine</u>
 <u>vaccination</u> for boys and girls at
 age 11 or 12.⁵

Type of vaccines available 5:

- Bivalent (2vHPV),

- Quadrivalent (4vHPV)*,

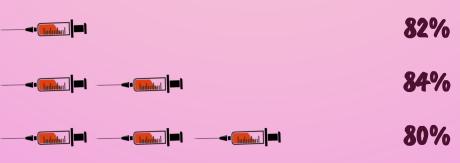
- 9-valent (9vHPV)*

[*Recommended by ACIP]

• Effectiveness of vaccines ⁶

NUMBER OF DOSE(S)

EFFECTIVENESS



Studies have proven that one dose of vaccine is as effective as three doses.³

Take at least one dose to stay immune!

References

- Al-Awadhi, R., Al-Mutairi, N., & Chehadeh, W. (2020). Prevalence of HPV Genotypes in adult male patients with cutaneous warts: a cross-sectional study. Medical Principles and Practice, 29(5), 458-464.
- Bruni, L., Barrionuevo-Rosas, L., Albero, G., Serrano, B., Mena, M., Gómez, D., ... & de Sanjosé, S. (2014). Human papillomavirus and related diseases report. L'Hospitalet de Llobregat: ICO Information Centre on HPV and Cancer.
- Eduardo L. Franco. Duarte-Franco and Alex Ferenczy(2001). "Cervical cancer: epidemiology, prevention and the role of human papillomavirus infection". Retrieved from: http://www.cmai.ca/content/(64/7/1017full
- 5. Markowitz, L. E., Dunne, E. F., Saraiya, M., Chesson, H. W., Curtis, C. R., Gee, J., ... & Unger, E. R. (2014). Human papillomavirus vaccination: recommendations of the Advisory Committee on Immunization Practices (ACIP). Morbidity
- and Mortality Weekly Report: Recommendations and Reports, 6951, 130.

 (a. NCI Staff (2020 April 10) Single Dose of HDV Vaccine Vields I operation from Many Cancer-Caucina Types Retrieved from National Cancer Institut