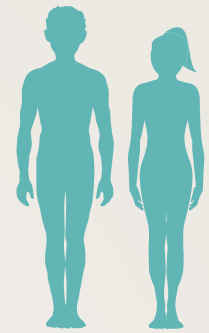


HPV VACCINE IS IMPORTANT TO GIVE TO BOYS AND GIRLS

HUMAN PAPILLOMAVIRUS (HPV) IS A DANGEROUS VIRUS.

MORE THAN 30,000 PEOPLE IN THE US EACH YEAR ARE DIAGNOSED WITH AN HPV-RELATED CANCER, AND ABOUT 8,000 PEOPLE DIE FROM THESE CANCERS EACH YEAR. HPV VACCINES PREVENT INFECTION, AND CAN PREVENT PRE-CANCERS AND CANCERS.



HPV infects

- The head and neck
- Penis, anus, cervix, vagina and vulva

HPV causes genital warts within a few months after infection

HPV causes cervical pre-cancer within a few years after infection

HPV causes cancers 5-20 years after infection

- Tongue and tonsils: 10,000-12,000 per year
- Cervix: 10,000-12,000 per year
- Anus: 4,000-5,000 per year
- Vagina and vulva: 3,000 per year
- Penis: 700 per year

The vaccine is effective against the HPV types that cause the majority of the cancers, and infections of the head and neck, cervix, vagina and vulva

HPV vaccine prevents genital warts:

Over 90% of genital warts can be prevented

HPV vaccine prevents cervical pre-cancer

Girls who received all required doses of the HPV vaccine by age 14 were **75% less likely** than unvaccinated girls to go on to have a **cervical precancer**

HPV vaccine is expected to prevent cancers:

- 70% of tongue and tonsils cancers
- 85% of cervical cancers
- 80% of anal cancers
- 40% of vaginal and vulvar cancers
- 60% of penile cancers

2 HPV VACCINE HAS BEEN GIVEN TO ADOLESCENTS WORLDWIDE SINCE 2006, AND IT IS VERY SAFE.

Safety is continuously monitored in the United States, Europe, and in over 180 countries around the world. In-depth studies on over 4 million girls and women have not shown any serious side effects following vaccination.

3 HPV VACCINE WORKS BETTER WHEN IT IS GIVEN AT THE RECOMMENDED AGES OF 11-12.

Younger adolescents make more antibodies for each dose of the vaccine that they receive. That is why only 2 doses are necessary when the vaccine is started at the recommended age—3 are needed later. Women who were vaccinated when they were younger went on to develop fewer pre-cancers compared to women who were older when they got the vaccine.

American Academy of Pediatrics

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