HPV VACCINE IS IMPORTANT TO GIVE TO CHILDREN

HUMAN PAPILLOMAVIRUS (HPV) IS A DANGEROUS VIRUS. MORE THAN 35,000 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.

1. HPV infects
   - The head and neck
   - Penis, anus, cervix, vagina and vulva

2. HPV causes genital warts within a few months after infection

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

4. 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: 6,500 per year
   - Vagina and vulva: 3,500 per year
   - Penis: 900 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
- 90% of cervical cancers
- 90% of anal cancers
- 40% of vaginal and vulvar cancers
- 60% of penile cancers

HPV infects
- The head and neck
- Penis, anus, cervix, vagina and vulva
HPV causes HPV infections within a few months after infection
HPV causes cervical pre-cancers within a few years after infection
HPV causes cancers 5-20 years after infection

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.

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.

For More Information: aap.org/immunization • cdc.gov/cancer/hpv/statistics/cases.htm • email: immunize@aap.org