

## **Appendix.**

### **Sociodemographics**

What is your gender?

- Male
- Female

What is your age (in years): \_\_\_\_\_

What is your major?

- Nursing
- Health-related discipline but not nursing
- Non health-related discipline

Are you a student in...

- Undergraduate program
- Graduate program

Have you received HPV vaccine education from other sources, such as getting the information from your doctor or nurse?

- Yes
- No

If you have learned HPV vaccine before, where did you learn about it? (select all that apply)

- My family
- My friend
- Health care provider (e.g., doctor, nurse, etc.)
- My teacher
- TV radio or newspaper
- Religious leader (e.g., church priest)
- Other source: \_\_\_\_\_

### **Lower Perceived Risks**

Please select if the following statements apply to you  
(True or False)

1. Females in my racial/ethnic group are less likely to be infected with HPV.
2. I am not sexually active so I do not need the HPV vaccines.
3. I am not gay or lesbian so HPV vaccines are not needed.
4. I am very healthy so HPV vaccines are not needed.
5. I do not have any physical symptoms or signs so HPV vaccines are not needed.

### Perceived Facilitators

Please select if the following statements apply to you  
(Yes or No)

1. I will do it if I know where to get HPV vaccine
2. I will do it if I can afford it

### Perceived Barriers

Please select if the following statements apply to you  
(Yes or No)

1. Because getting HPV vaccines will encourage early sexual behaviors.
2. Because people will think I already had sex.
3. Because people will think I am gay or lesbian.
4. Because HPV vaccines can cause cancers.
5. Because HPV vaccines can cause HPV infection.
6. Because I worry about the safety of the vaccines.
7. Because I don't know if it works.

### Knowledge

Please indicate whether each of the following statements is true or false.

1. Human Papillomavirus (pronounced pap-ah-LO-mah-VYE-rus), also known as HPV, is the most common sexually transmitted infection in the world.
2. Both girls and boys can be infected with HPV.
3. HPV infection is common in people in their teens and early 20s.
4. HPV is a very common virus that is spread during any type of sexual activity with another person.
5. In females, HPV infection can cause cervical cancer and cancers in vagina, vulva (the area around the opening of the vagina), or anus.
6. In males, HPV can cause genital warts and cancers in penis, anus, and head and neck, such as tongue, tonsils and throat.
7. There is no cure for HPV infection. HPV vaccination is one of the best ways to prevent it.
8. Like many other vaccines, you may feel pain, have a fever, headache and/or nausea after getting the HPV vaccine. These mild side effects usually do not last long and go away on their own.
9. You can get the HPV vaccine starting at 11 or 12 years old.
10. For the HPV vaccine to work best, it is very important for preteens to get all required shots before any sexual activity begins.

### Cultural Beliefs

I believe that ...

Strongly Disagree	Disagree	Neither agree nor disagree	Agree	Strongly Agree
1	2	3	4	5

1. People who have religious beliefs won't get HPV infection.
2. God will protect me so HPV vaccines are not needed.
3. Being healthy or sick is my destiny. I cannot do anything to change it