

## HPV vaccine questionnaire

### Part 1

1. How old are you? \_\_\_\_\_
2. What is the highest degree of education you've received?
  - Elementary (1-4 classes)
  - Middle school (5-9 classes)
  - High school (10-11 classes)
  - Secondary technical or vocational
  - University degree (bachelors)
  - Master, Ph.D.
3. Your nationality
  - Kazakh
  - Russian
  - Other \_\_\_\_\_
4. Where do you live?
  - Nur-Sultan
  - Almaty
  - Aktobe
  - Oskemen
  - Pavlodar
  - Other \_\_\_\_\_
5. Your relationship status?
  - Single
  - Married
  - Cohabiting with a partner/constant partner
  - Divorced
  - Widowed
  - Other \_\_\_\_\_
6. How many children do you have \_\_\_\_\_
7. How many female children do you have \_\_\_\_\_  
How many male children do you have \_\_\_\_\_
8. How old are your children \_\_\_\_\_
9. What is your monthly family income (tenge)?
  - ≤ 100 000
  - 101 000 - 200 000
  - 201 000 – 300 000
  - 301 000 – 400 000
  - ≥ 401 000

### CONTEXTUAL FACTORS

1. Have you ever heard about the HPV vaccine?
  - a. Yes
  - b. No
2. If you answered yes, which sources of information did you rely on to get information about the HPV vaccine?
  - a. from the attending physician
  - b. from a pediatrician
  - c. from a gynecologist
  - d. Television
  - e. Social networks
  - f. Written press
  - g. Family
  - h. Friends
  - i. School
  - j. Other
- 3.

	Please rate to which extent you agree with following statements	Completely disagree	Somewhat disagree	Neutral	Somewhat agree	Completely agree
1.	Because of the controversy surrounding the COVID-19 vaccine, I have less confidence in HPV vaccination recommendations.	1	2	3	4	5
2.	Since the HPV vaccination program launched in Kazakhstan in 2013 has led to complications in some cases, I have less confidence in the healthcare system.	1	2	3	4	5

3.	I think vaccinating teenage girls against HPV encourages them to have sex	1	2	3	4	5
4.	It's hard to talk to my daughter about her sexual health Skip the question if you don't have a daughter/daughters	1	2	3	4	5
5.	I am uncomfortable discussing my daughter's sexual health with a doctor or other healthcare professional Skip the question if you don't have a daughter/daughters	1	2	3	4	5
6.	I am having difficulty bringing up the subject of the HPV vaccine with my daughter Skip the question if you don't have a daughter/daughters	1	2	3	4	5
7.	I am in favor of the compulsory vaccines for children approved by the government of Kazakhstan	1	2	3	4	5
8.	Everyone should be able to decide which vaccines are needed for their children	1	2	3	4	5

4. I happened to refuse a vaccine for my daughter (or choose not to give her a vaccine) **Skip the question if you don't have a daughter/daughters**
  - a. Yes
  - b. No
5. I happened to refuse a vaccine for myself
  - a. Yes
  - b. No
6. I know someone who got seriously ill after getting vaccinated
  - a. Yes
  - b. No
7. I know a person who became seriously ill because they were not vaccinated
  - a. Yes
  - b. No
8. Personally, I have already had abnormal cervico-vaginal smears for which treatment was necessary (conization / surgery)
  - a. Yes
  - b. No
9. Alternative medicines strengthen the body's defenses, thus leading to a complete cure (please rate to which extent you agree with the statement from 1-least to 5-most)
 

1	2	3	4	5
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10. I prefer my daughter to naturally develop defenses against papillomavirus infections rather than through vaccination (please rate to which extent you agree with the statement from 1-least to 5-most). **Skip the question if you don't have a daughter/daughters**

1	2	3	4	5
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11. Have you ever searched for information about the HPV vaccine in the past?
  - a. Yes
  - b. No
12. (If has already looked for information) Name the 3 most consulted sources of information
  - a. Attending physician
  - b. Other health professional
  - c. Internet
  - d. Family
  - e. Books
  - f. Written press
  - g. Other
13. (If used the internet) How did you use the internet?
  - a. I consulted forums

- b. I consulted blogs
  - c. I consulted social networks
  - d. I consulted information sites
  - e. Other
14. (If has consulted information sites) Which site? \_\_\_\_\_
15. (If has already researched information) After having had all this information, were you able to make a decision regarding the HPV vaccination?
- a. Yes, easily
  - b. Yes, with difficulty
  - c. No, not really
  - d. Not at all
16. Papillomavirus infections are very rare
- a. True
  - b. False
  - c. Don't know
17. Men cannot get papillomavirus infection
- a. True
  - b. False
  - c. Don't know
18. A person can be infected with HPV for many years without knowing it
- a. True
  - b. False
  - c. Don't know
19. HPV can be transmitted through oral sex
- a. True
  - b. False
  - c. Don't know
20. HPV vaccine protects against all sexually transmitted infections
- a. True
  - b. False
  - c. Don't know
21. HPV vaccine protects against genital warts
- a. True
  - b. False
  - c. Don't know
22. HPV vaccines are most effective when given to people who have never had sex
- a. True
  - b. False
  - c. Don't know
23. A person who has been vaccinated against HPV can still develop cervical cancer
- a. True
  - b. False
  - c. Don't know
24. Girls who have been vaccinated against papillomaviruses need Papillomavirus Pap smears when they are older
- a. True
  - b. False
  - c. Don't know
25. HPV vaccine helps cure HPV infection
- a. True
  - b. False
  - c. Don't know
26. Having sex at a young age increases your chances of getting HPV infection
- a. True
  - b. False
  - c. Don't know
27. Papillomavirus infections can cause throat cancer
- a. True
  - b. False
  - c. Don't know
28. Please rate the extent to which you trust the following sources to tell the truth about vaccines

	Completely distrust	Somewhat distrust	Neutral	Somewhat trust	Completely trust
Pharmaceutical industry	1	2	3	4	5
government	1	2	3	4	5
your attending physician	1	2	3	4	5
physicians in general	1	2	3	4	5
pharmacists	1	2	3	4	5
other health professionals	1	2	3	4	5
scientific researchers	1	2	3	4	5
traditional media	1	2	3	4	5
alternative media	1	2	3	4	5

29.

	Please rate to which extent you agree with following statements	Completely disagree	Somewhat disagree	Neutral	Somewhat agree	Completely agree
1.	HPV vaccine may be responsible for long-term health problems	1	2	3	4	5
2.	There hasn't been enough research done on the HPV vaccine	1	2	3	4	5
3.	HPV vaccines are not safe	1	2	3	4	5
4.	HPV vaccine is effective in preventing HPV infections	1	2	3	4	5
5.	HPV vaccine is effective in preventing genital warts	1	2	3	4	5
6.	Getting my daughter vaccinated against HPV will help protect her against sexually transmitted infections <b>Skip the question if you don't have a daughter/daughters</b>	1	2	3	4	5
7.	HPV vaccine is effective in preventing cancers associated with HPV	1	2	3	4	5
8.	Using a condom prevents transmission of papillomavirus infections	1	2	3	4	5
9.	Pap smear helps prevent cervical cancer	1	2	3	4	5
10.	Most of my friends get their daughters vaccinated against HPV	1	2	3	4	5
11.	Doctors / healthcare professionals think it's a good idea to get my daughter vaccinated against HPV <b>Skip the question if you don't have a daughter/daughters</b>	1	2	3	4	5
12.	HPV vaccine too new to know if it's safe and reliable	1	2	3	4	5
13.	It would be easier to vaccinate my daughter if the doctor had vaccines in his office to vaccinate my daughter the same day <b>Skip the question if you don't have a daughter/daughters</b>	1	2	3	4	5
14.	If the HPV vaccine was important, it would have been made mandatory	1	2	3	4	5
15.	I think my daughter is too young to be vaccinated against HPV <b>Skip the question if you don't have a daughter/daughters</b>	1	2	3	4	5
16.	HPV vaccine was not made mandatory because it is risky	1	2	3	4	5