

1. Parents Questionnaire

HPV stands for human papillomavirus, a very common group of viruses of which some types can cause genital warts or different types of cancer.

There's no blood test for HPV, but testing is part of cervical screening. During cervical cancer screening, a small sample of cells is taken from the cervix and tested for HPV, either at molecular level (HPV NAT test) or cytological level (PAP-test or LBC).

HPV vaccines were first introduced in 2006.

This survey is part of the European research project PERCH (PartneERship to Contrast HPV) aimed at contributing to the implementation of the Europe's Beating Cancer Plan, with the goal of reducing the incidence and mortality of HPV-related cancers.

With this questionnaire we would like to collect information about your knowledge on HPV and HPV infection, and the vaccination status of your child and your opinion on vaccination.

The questionnaire is anonymous.

1. Demographic informations

Who is answering the questionnaire

- ☐ 1 parent/legal guardian (Indicate age: gender: ...)
- ☐ Both parents/legal guardians (Indicate age: gender:)

What is the highest degree or level of education you have completed?

	Parent 1/legal guardian	Parent 2/legal guardian
Mandatory School		
High School		
Bachelor's degree		
Ph.D. or higher		
Prefer not to say		

Are you currently employed?

	Parent 1/legal guardian	Parent 2/legal guardian
yes		
no		
Prefer not to say		

2. For Mothers only

	Yes, yearly	Underwent at least once	No, never	I don't know	I prefer not to say
Do you participate in cervical cancer screening programme (pap-test/LBC/HPV-NAT test)?					
How often do you go to gynecologist for check-ups?					

3. Child information

1. What is the age and gender of the son/daughter this questionnaire is referring to?
2. Do you have any other children?

4. Sources of information

Which are your sources of information on HPV infection and HPV vaccination (multiple answers possible – tick all that applies):

- ☐ Paediatrician/general practitioner
- ☐ Gynaecologist
- ☐ Vaccination services
- ☐ Pharmacist
- ☐ Mother and child health centres
- ☐ Government/Public health agency/central institutions
- ☐ School
- ☐ Friends
- ☐ Family members
- ☐ Websites of official public health institutions/government agencies
- ☐ Other websites
- ☐ Social media
- ☐ Newspapers/leaflets/poster
- ☐ Radio/television
- ☐ Other, please specify:
- ☐ I don't know
- ☐ I prefer not to say
- ☐ Never heard of HPV infection before
- ☐ Never heard of HPV vaccination before

Which information source do you think is most reliable to get sufficient information on HPV vaccine (max 3 choices - tick all that applies):

- ☐ Paediatrician/general practitioner
- ☐ Gynaecologist
- ☐ Vaccination services
- ☐ Pharmacist
- ☐ Mother and child health centres
- ☐ Government/Public health agency/central institutions
- ☐ School
- ☐ Friends/family members
- ☐ Websites of official public health institutions/government agencies
- ☐ Other websites
- ☐ Social media
- ☐ Newspapers/leaflets/poster
- ☐ Radio/television
- ☐ Other, please specify:
- ☐ I don't know

Do you feel sufficiently informed on HPV vaccination?

- ☐ Absolutely yes
- ☐ Sufficiently
- ☐ Insufficiently
- ☐ Absolutely not
- ☐ I don't know

Which social media platforms and webpages do you use daily or most often?

- ☐ Facebook
- ☐ Instagram
- ☐ TikTok
- ☐ Reddit
- ☐ Snapchat
- ☐ Pinterest
- ☐ Twitter
- ☐ Çinkedn
- ☐ YouTube
- ☐ Podcasts
- ☐ Wikipedia, other Wiki pages

5. Knowledge on HPV infection and vaccination: (answer true/false /I don't know?)

	True	I don't know	False
HPV may cause cancer of cervix, vagina, vulva?			
HPV may cause cancers of penis			
HPV may cause anal cancer			
HPV may cause cancers of the back of the throat, including the base of the tongue and tonsils			
HPV is a sexually transmitted disease			
HPV may infect you without symptoms			
HPV infections are rare			
Most cervical cancers are not caused by HPV infections			
HPV vaccines work better if given before 15 years of age			
HPV vaccines protect against all HPV types			
Early sexual intercourse increases the risk of contracting HPV			
HPV is treated with antibiotics			
HPV vaccines protect against all sexually transmitted diseases			
HPV vaccines provide 100 % protection against cancer and anogenital warts			
HPV vaccines cause fertility problems			
Sometimes HPV infections can last years			
Only women can be infected by HPV			
Genital warts are caused by HPV			
Most HPV infections resolve spontaneously			

6. What do you think are the benefits of HPV vaccination for the society? (tick all that applies)

- ☐ Reduces the incidence of cancer
- ☐ Reduces cancer mortality
- ☐ Reduces potential complications
- ☐ No benefits
- ☐ Benefits are only for pharmaceutical companies
- ☐ I don't know

7. Vaccination status of your son/daughter this questionnaire is referring to:

Has your son/daughter been vaccinated against HPV?	Yes	
	No	
If your son/daughter has not received HPV vaccination, do you plan to have	Definitely vaccinate	
	Rather vaccinate	
	Rather not vaccinate	

him/her vaccinated for HPV in the future?	Definitely not vaccinate	
	I don't know	
Regardless of HPV vaccination, your son/daughter received:	All the recommended paediatric vaccinations	
	Only mandatory vaccinations	
	Only some of the recommended paediatric vaccinations	
	I don't know	
If your son/daughter has not received all the recommended vaccinations, do you plan to have him/her vaccinated in the future?	Definitely vaccinate	
	Rather vaccinate	
	Rather not vaccinate	
	Definitely not vaccinate	
	I don't know	
Do you agree that your son/daughter may be at risk of HPV infection in the future?	Completely agree	
	Partially agree	
	I don't know	
	Completely disagree	
	Partially disagree	

8. Reasons for NOT getting HPV vaccination

	Completely agree	Partially agree	I don't know	Partially disagree	Completely disagree
Fear of adverse event					
No confidence in HPV vaccine					
Confusing information on HPV vaccination					
Scarce information on HPV vaccination					
No confidence in vaccinations in general					
Only for girls: No need to get vaccinated because regular pap-test/HPV-DNA test can prevent cervical cancer					
No need to get vaccinated because our child is young and not sexually active					
HPV vaccination is not useful					
HPV vaccination is not mandatory					
Family's doctor's advice against HPV vaccination					
Other health care worker's advice against HPV vaccination					
Familiars/friends' advice against HPV vaccination					
Scarce promotion of HPV vaccination					
HPV vaccination promotes risky sexual behaviours					
Fear of injection					
HPV infection is not severe					

Child has contraindications to HPV vaccine, as confirmed by his/her doctor					
Alternative medical approach, not including vaccinations					
We were not able to respect the date					
We did not know that HPV vaccination was free of charge					
It is difficult to get a date for vaccination					
Vaccination service is difficult to reach					
Religious concerns					
The effectiveness of vaccine is questionable and their popularity only benefits pharmaceutical companies					

9. What suggestions did the pediatrician/general practitioner/school nurse/school doctor give you on HPV vaccination? (one choice)

- ☐ Encouraged HPV vaccination
- ☐ Discouraged HPV vaccination
- ☐ Didn't express opinion about HPV vaccination
- ☐ Suggested to delay HPV vaccination
- ☐ Didn't address the topic of HPV vaccination
- ☐ Encouraged HPV vaccination, but did not provide adequate information/clarifications
- ☐ Different pediatrician/general practitioner gave us discordant opinion about HPV vaccine
- ☐ We did not consult the pediatrician/general practitioner
- ☐ I don't know
- ☐ I prefer not to say

10. Vaccination modalities

How long does it take to get your son/daughter vaccinated (make an appointment + get the vaccine administered)	Less than 1 hour	
	1 to 2 hours	
	I don't know	
	>2 to 4 hours	
	More than 4 hours	
How far from your home do you have to go to vaccinate your son/daughter	more than 6 km	
	less than 2 km	
	>2 to 6 km	
	I don't know	
Would you agree to have your child vaccinated against HPV at school	Yes	
	No	
	Yes, but only if the doctor has prescribed it	
	I don't know	
	I prefer not to say	
Would you agree to have your child vaccinated against HPV at a pharmacy	Yes	
	No	

	Yes, but only if the doctor has prescribed it	
	I don't know	
	I prefer not to say	
Would you agree to have your child vaccinated against HPV in vaccination hub in a shopping mall	No	
	Yes	
	I don't know	
	Yes, but only if the doctor has prescribed it	
	I prefer not to say	
Would you agree to have your child vaccinated against HPV by general practitioner	Yes	
	No	
	Yes, but only if the doctor has prescribed it	
	I don't know	
	I prefer not to say	

Thank you for responding to the survey!
Your answers will hopefully help to decrease the burden of cancer!