Physicians’, Nurses’, and Medical Assistants’ Perceptions of the Human Papillomavirus Vaccine in a Large Integrated Health Care System

HPV Vaccine Provider Survey

National guidelines recommend the 3-dose HPV vaccination to all girls and boys age 11-26, but Southern California Permanente Medical Group completion rates are < 50% for the first dose and < 18% for all 3 doses. The purpose of this survey is to understand providers’ experiences with HPV vaccination in order to improve coverage rates of the vaccine. The survey can be completed and submitted entirely online. Your responses are confidential. By completing the survey, you indicate that you consent to participate in this study. See the attached consent information form for details. If you have questions prior to completing the survey, send them to jordan.paul.mills@kp.org.

1. What is your area of specialty? (For providers who work in multiple departments, choose the specialties in which you spend the highest number of your clinical hours).
   - Pediatrics
   - OB/GYN
   - Family Medicine
   - Internal Medicine
   - Administration

2. What type of provider are you?
   - Physician
   - Medical Assistant or Nurse directly involved with clinical care of patients
   - Department Administrator
   - Assistant Department Administrator

3. How safe do you believe the HPV vaccine is?
   - Very safe
   - Somewhat safe
   - Somewhat unsafe
   - Very unsafe

Why do you feel this way? (Please specify below)

Figure 1. Survey on human papillomavirus (HPV) vaccine sent to physicians and nurse administrators.

OB/GYN = obstetrics and gynecology.
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4. How strongly do you recommend the HPV vaccine to eligible patients?
   - Very strongly
   - Somewhat strongly
   - Somewhat weakly
   - Weakly

Why do you feel this way? (please specify below)

5. Think about the initial HPV vaccine dose given during a routine well visit. Select everything that is supposed to happen in your clinic before the shot is given.
   - Medical assistant or nurse informs patient/caregiver they are due for the vaccine
   - Medical assistant or nurse informs patient/caregiver what the vaccine is for
   - Medical assistant or nurse elaborates on the risks/benefits of the vaccine
   - Medical assistant or nurse asks for verbal consent
   - Medical assistant or nurse pends the vaccine order in HealthConnect
   - Physician discusses indication for and risks/benefits of the vaccine
   - Physician signs vaccine order in HealthConnect

If your unique workflow for a routine well visit is not captured by selecting multiple choices from above, please describe it below


6. Think about the initial HPV vaccine dose given during an acute care visit. Select everything that is supposed to happen in your clinic before the shot is given.

- Medical assistant or nurse informs patient/caregiver they are due for the vaccine
- Medical assistant or nurse informs patient/caregiver what the vaccine is for
- Medical assistant or nurse elaborates on the risks/benefits of the vaccine
- Medical assistant or nurse asks for verbal consent
- Medical assistant or nurse pends the vaccine order in HealthConnect
- Physician discusses indication for and risks/benefits of the vaccine
- Physician signs vaccine order in HealthConnect

If your unique workflow for an acute care visit is not captured by selecting multiple choices from above, please describe it below.

7. Think about events after the initial HPV vaccine dose is given. What is supposed to happen in your clinic to help ensure that the subsequent doses are received? Select all that apply.

- Patient is advised by the physician to follow-up for second and third doses at the recommended intervals
- Patient is advised by the medical assistant or nurse to follow-up for second and third doses at the recommended intervals
- Instructions regarding follow-up for the second and third doses are included in the printed after-visit summary provided to the patient
- Additional measures are taken (follow-up appointment(s) booked, patient added to registry or call list, etc). Specify these additional measures below.

8. What are the 3 points you most frequently cover when discussing the HPV vaccine for male patients?

1. 
2. 
3. 
9. What are the 3 points you most frequently cover when discussing the HPV vaccine for female patients?

1. 
2. 
3. 

10. For those patients/caregivers who refuse the HPV vaccine, what reasons do they give?

For male patients: 

For female patients: 

11. Thinking about vaccination protocols within the Kaiser Permanente system, what 3 different strategies or approaches might be more effective than what we are currently doing to increase coverage rates for the initial HPV vaccine dose?

1. 
2. 
3. 

12. What 3 things could you as a provider or we as a system do differently to promote HPV series completion (2nd and 3rd doses)?

1. 
2. 
3.