

HPV vaccine attitudes and practices among pediatric oncologists: A national survey

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Background

- Childhood cancer survivors (CCS) are at increased risk for HPV-related second cancers.
- CCS have significantly lower rates of HPV vaccine, increasing their risk of related cancers.
- Many CCS do not return to primary care and thus may miss the opportunity to be vaccinated in general pediatrics or family medicine.
- HPV vaccine practices and attitudes of pediatric oncologists in the US is currently not known.

Purpose

The aims of this study were to:

1. Determine pediatric oncologists' attitudes and behaviors about HPV vaccination CCS patients.
2. Identify pediatric oncologists' perceived and real barriers to administering the HPV vaccine to CCS

Methods

- Email addresses of pediatric oncologist practicing in the US were obtained from a paid dataset (SK&A).
- Brief study introductions and survey links were emailed and surveys administered through REDCap.
- At survey completion, participants were emailed a \$30 Amazon gift card as a thank you for their time.

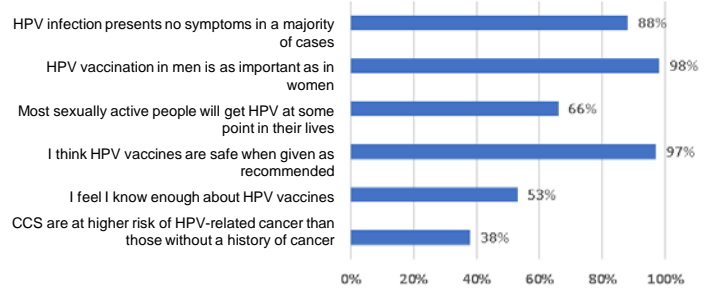
Respondents

196 pediatric oncologists completed the survey

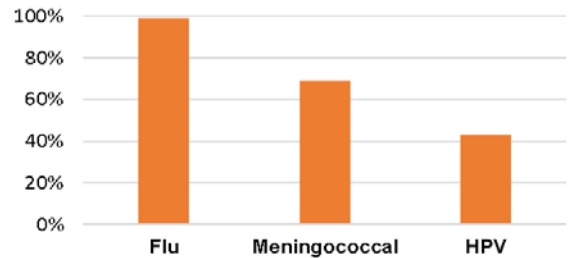
Provider Characteristics	
Female	56%
Years in Practice	
0-5	13%
6-10	24%
11-20	36%
20+	27%
Clinic Characteristics	
Academic affiliated hospital	83%
Fully electronic medical records	82%
Has long-term survivorship clinic	89%
Has AYA specific clinic	29%
Uses survivorship care plans	68%
Characteristics of Patients Served	
Majority Medicaid (51% +)	43%
Majority ethnic/racial minority (51%+)	47%

Results

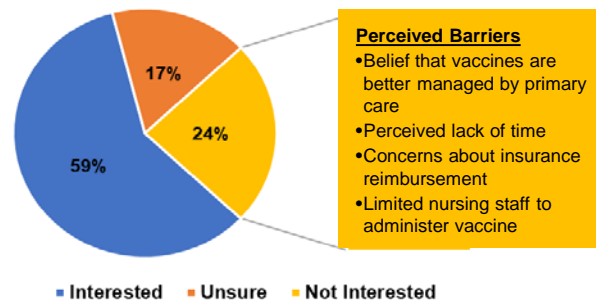
Attitudes and Beliefs about HPV Vaccine (% Agreement)



Vaccines Currently Offered On-Site in Oncology Clinics



Interest in adding HPV vaccine to practice



57% of providers report being interested in additional training around HPV vaccine and vaccine communication

Most pediatric oncologists do not offer the HPV-vaccine on-site and their knowledge of the increased risk among CCS is lacking.

Onsite administration of the HPV vaccine in oncology settings is a promising approach to improving vaccine rates among CCS.