

HPV Vaccination Information for Family Planning Providers

Trends in HPV Infection & Vaccination

- Human papillomavirus (HPV) is the **most common sexually transmitted infection** in the U.S.¹
- It is estimated that **90% of males** and **80% of females** will get an HPV infection in their lifetime.²
- **Oropharyngeal cancer**, which affects the throat, has now surpassed cervical cancer as the **leading cancer** caused by HPV.³
- **80% of those diagnosed with oropharyngeal cancer are men.**³
- **HPV vaccine** has the potential to **prevent more than 90% of cancers caused by HPV.**¹
- Since HPV vaccines were approved in 2006, infections with HPV types that cause the majority of HPV cancers and genital warts have **dropped 88% among teen girls** and **81% among young adult women.**¹

Opportunities to Support HPV Vaccination in the Family Planning Setting

- Within the family planning setting, providers should **assess each patient's immunization record** and **encourage the HPV vaccine** for patients aged 11-26. The HPV vaccine can be given starting at age 9 and is also approved for unvaccinated clients aged 27-45. Clients should be advised that HPV vaccination does not treat a current HPV infection or genital warts.
- Family planning providers can help young adult patients understand the **benefits** of getting vaccinated for HPV, including:
 - The full HPV vaccine series can provide **nearly 100% efficacy** for prevention of both genital warts and high-risk HPV types.¹
 - The sooner young adults get the HPV vaccine, the better they are protected from HPV-related cancers.⁵
 - The HPV vaccine is free for most young adults with health insurance. After age 26, the vaccine can become more costly.⁵
- Recognize that **young adults may be making their own health care decisions for the first time.**
- **Your recommendation can help a young adult choose to protect themselves and their partners against cancer.**

*A young adult is **35 times more likely** to get the HPV vaccine if they receive a strong provider recommendation.⁵*

HPV Vaccination Coverage

- Vaccine coverage among Michigan adolescents aged 13-17⁴ (as of March 2022):
 - 75.8% have received 1+ Tdap
 - 76.9% have received 1+ MenACWY
 - **44.1% have completed the HPV series**
- These vaccines are usually administered to adolescents around the same time. Thus, **a significant number of adolescents receive other vaccines, but do not receive the HPV vaccine series.**
- Among females and males aged 19-26 who have received at least one dose of HPV vaccine, these are the age ranges at which these individuals reported receiving the first dose of HPV vaccine:¹

Age	Females	Males
8-10 years	4.0%	4.4%
11-12 years	16.1%	8.2%
13-17 years	59.9%	56.3%
18 years	7.7%	16.0%
19-26 years	12.3%	15.1%

- Since many young adults report receiving the HPV vaccine after age 18, **there are opportunities for family planning providers to support vaccination within this population.**

Engaging with Male Clients

- While the HPV vaccine was originally promoted to help prevent cervical cancer in women, **oropharyngeal cancer is now the leading cancer caused by HPV.**³
- **80% of those diagnosed with oropharyngeal cancer are men.**³
- It is estimated that **90% of males will get an HPV infection**, yet most males with HPV never develop symptoms.² **There is currently no approved test for HPV in males.**⁵ **HPV vaccination is the best way to protect this group from HPV-associated cancers.**
- Recent studies have found that just 16% of men ages 18 to 21 reported receiving at least one dose of the HPV vaccine, whereas over 40% of women of the same age reported receiving the vaccine.³
- Even among vaccinated young adults, **males are less likely than females to be fully vaccinated against HPV.**³
- Family planning providers have an opportunity to **engage with young adult male clients** to provide education and a strong recommendation for the HPV vaccine.

Resources

- **Reproductive Health National Training Center: HPV Vaccine Toolkit**
 - <https://rhntc.org/resources/hpv-vaccine-toolkit-increasing-hpv-vaccine-uptake-among-adolescent-clients-family>
- **National HPV Vaccination Roundtable: Resource Library** – <https://hpvroundtable.org/resource-library/>
- **A Guide to Improving HPV Vaccination Rates Among Patients Ages 18-26** – <https://www.womenshealth.gov/hpvclinicpackage>
- **American Cancer Society: Steps for Increasing HPV Vaccination in Practice**
 - <https://www.cancer.org/content/dam/cancer-org/online-documents/en/pdf/flyers/steps-for-increasing-hpv-vaccination-in-practice.pdf>
- **HHS.gov: Vaccines for Adults Ages 19 Through 26** – <https://www.hhs.gov/immunization/who-and-when/adults/adults-19-26/index.html>