

AVP STRATEGY #4: PROVIDER PROMPTS

ABOUT PROVIDER PROMPTS

Provider prompts let healthcare providers know when clients are due for specific vaccinations. They usually consist of electronic prompts in Electronic Health Records (EHRs) or notes/flags in paper charts. Most EHR provider prompts are automatic pop-up alerts that notify the viewer that the patient is due or overdue for an immunization. Other EHR provider prompts may show up as a "to-do" task, even if the patient is not scheduled that day for an appointment. Many EHRs have provider prompts pre-installed that can be customized in the office. Notes/flags in paper charts must be added manually, after review of the chart for due vaccines.

STEPS TO IMPLEMENT PROVIDER PROMPTS

1. Team up with your EHR vendor and learn if/how EHR-based provider prompts for HPV vaccination can be configured for your practice. To determine vaccine eligibility of your patients you can use the **Provider Reminder Logic** in the 'Tools' section of your Action Plan. The basis for this logic is the HPV vaccination schedule dated October 2019. CDC's Adolescent Immunization Schedule can be reviewed for any updated information at <https://www.cdc.gov/vaccines/schedules/index.html>.

TIP: Many EHR systems provide built in reminder functions such as Best Practice Alerts or Health Maintenance. These functions are adjustable to trigger based on HPV vaccine eligibility.

2. If automated EHR-based provider prompts are not possible, use alternative approaches to notify providers that patients are eligible for the HPV vaccine. For example:
 - a. **Clinics with an EHR:**

A clinic with an EHR and access to basic patient data can construct a report of eligible patients. This report can be run manually at specified intervals and the results delivered to those managing the provider reminder delivery. An office staff or clinical team member can then place a note in the patient's electronic chart in a location that clinicians review for each patient (e.g. a patient summary screen).
 - b. **Clinics without an EHR:**

Clinics without an EHR can implement the 'traditional' approach of placing notes or stickers on the patient's paper charts.

TIP: Use the **Provider Reminder Logic** in the 'Tools' section of the Action Plan to identify patients eligible for HPV vaccination.

TOOLS FOR PROVIDER PROMPTS

PROVIDER REMINDER LOGIC

This logic will identify eligible patients for HPV vaccination.*

Eligibility for HPV #1:

IF patient has not received a dose of the HPV vaccine
AND patient is female 11-26 years of age OR male 11-21 years of age
THEN patient is eligible for HPV#1

Eligibility for HPV #2:

IF patient received HPV#1
AND patient has not received HPV#2
AND patient was < 15 years of age on date of HPV #1
AND ≥ 5 months since HPV #1
THEN patient is eligible for HPV #2

IF patient received HPV#1
AND patient has not received HPV#2
AND patient was ≥ 15 years of age on date of HPV #1
AND ≥ 4 weeks since HPV #1
THEN patient is eligible for HPV #2

Eligibility for HPV #3:

IF patient has had HPV#2
AND patient has not received HPV#3
AND ≥ 15 years of age on date of HPV #1
AND ≥ 12 weeks since HPV #2
AND ≥ 5 months since HPV #1
THEN patient is eligible for HPV #3

*Based off CDC's recommended adolescent immunization schedule as of July 2019. Check CDC's website to make sure this schedule is still up to date: <https://www.cdc.gov/vaccines/schedules/index.html>

TIPS FOR SUCCESSFUL PROVIDER CUIING

These quick tips have been used successfully to help cue providers regarding their patient's HPV vaccine eligibility and may be helpful for you.

- ❖ Train your staff to use your EHR and to be aware of system upgrades or changes.
- ❖ Team up with your IT personnel (as applicable) about using the cuing logic in your EHR.
- ❖ Test the cuing algorithm to ensure accuracy prior to 'going live' and ensure that programming and source data are correct and accurate.
- ❖ Train health care providers to recognize and respond to provider cues.

Quote from the field ...

"We actually already had a prompt built into the EMRs [electronic medical records], so it wasn't a whole lot of work on our end."

A nurse practitioner after a successful rollout