

Explore Human Papillomavirus Vaccination At The HIV Outpatient Program

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Abstract

Introduction: The Centers for Disease Control and Prevention (CDC) Advisory Committee on Immunization Practices (ACIP) recommends human papillomavirus (HPV) vaccine for all adults through age 26 and shared clinical decision-making for those aged 27 through 45 years who are inadequately vaccinated. Also, the HPV vaccine is recommended for people with HIV up to age 45 years. The intent of this study is to evaluate HPV vaccination rates at the HIV Outpatient Program (HOP).

Methods: Immunization records from patients aged 18 through 45 years attending LSU Infectious Diseases fellows' clinic at HOP in 2022 were reviewed. Nurse visits and patients with confidentiality concern were excluded.

Results: Among patients under age 27, 15 of 21 visits (71%) had completed HPV vaccines series. 4 visits (19%) had incomplete status and 2 visits (10%) did not have any HPV vaccines record. Among patients aged 27 through 45 years, 73 of 194 visits (38%) had completed HPV vaccines series. 34 visits (18%) had partial vaccination records and 87 visits (45%) had no records.

Discussion: 71% of visits for patient aged up to 27 years attending LSU ID fellows' clinic had completed HPV vaccine series, compared to the Health People 2020 recommendation of 80%.

38% of visits for patients aged 27 through 45 years are fully vaccinated with HPV vaccines. Patients in this age group are often labeled "aged out" for HPV vaccines. However, they are still eligible and should be vaccinated.

Data is based on number of visits instead of number of patients. In addition, patient data other than LSU ID fellows' clinic was not assessed. In 2022, there were 22 patients at HOP aged fewer than 27 years, accounting for 1.6% of total patient population. Despite small portions of young adult patients at HOP, effort should be made to ensure complete vaccinations.

Continuous quality improvement (CQI) of HPV vaccinations has been implement at HOP. Educational pamphlets were distributed and discussed among new fellows in July 2022. Additionally, educational sessions will be provided to all other HIV providers in the future. Moreover, LCMC Medical Information Office was contacted to verify Care Gaps message on Epic systems for HPV vaccines.