By December 2022, 75% of all ECU APHC Medicaid patients ages 11-13 would have received all age-appropriate immunizations against HPV, Tdap, and MCV.

**PROJECT AIM**

By December 2022, 75% of all ECU APHC Medicaid patients ages 11-13 would have received all age-appropriate immunizations against HPV, Tdap, and MCV.

**PROJECT DESIGN**

- Data collection occurred primarily through electronic health record chart review
- Implemented changes included:
  - Contacting patient families
  - Information sheets on vaccine-preventable diseases
  - Mitigating language barriers through Spanish translations
- Progress was measured as percent of patients in the target population who received the three vaccines.
  - Rates of completed Tdap immunizations
  - Rates of completed MCV immunizations
  - Rates of initiated HPV immunizations
  - Rates of completed Tdap, MCV, and HPV immunizations

**CHANGES MADE (PDSA CYCLES)**

- **PDSA 1 → 11/13/2020**: Patient outreach through electronic health record
- **PDSA 2 → 11/19/2020**: Outreach letters mailed to homes of patient families
- **PDSA 3 → 7/12/2021**: Created information sheets on the three target vaccines of the study
- **PDSA 4 → 7/18/2021**: Outreach letters and vaccine information sheets translated into Spanish
- **PDSA 5 → 5/13/2022**: Bilingual outreach letters and vaccine information sheets mailed to patient family homes

**RESULTS**

- **Goal**: 75%
- **Tdap**: 67.8%
- **MCV**: 66.9%
- **Initiated HPV**: 53.9%
- **Completed HPV**: 22.6%
- **Completed all**: 21.7%

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