



# Promoting human papillomavirus immunization among adolescents: An evidence-based practice project proposal

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## BACKGROUND

- CDC recommends HPV vaccine at age 11
- Healthy People 2020 Goal is 80% coverage by age 13-15
- New York City's rate is less than 50% for 13-17 years old
- Higher future risk of HPV-related cancers & other diseases among unprotected children
- If providers do not provide strong recommendations, parents are less likely to immunize their children

## PROPOSED RESEARCH QUESTION

Can providers of teenager's parents help increase adolescent HPV vaccine uptake?

## GOAL / OBJECTIVE

**Goal:** To increase HPV vaccine rates for children aged 11-17 years

**Objective:** To increase parental acceptance of provider recommendations for adolescent HPV vaccine

## LITERATURE REVIEW

- Providers' strong recommendations are a key parent-focused intervention
- Messages with vaccine's role in cancer prevention have positive effect on HPV vaccine uptake
- Positive parental attitudes & beliefs are correlated with higher HPV vaccination

## DESIGN

- **Pre-GYN consultation:** Parents provided with a 2-page CDC supplemental leaflet about adolescent HPV vaccine by clinic's triage staff
- **During GYN consultation:** Providers initiate conversations about adolescent HPV vaccine with parents based on evidence in the literature



## METHODS

**Design:** One-group pre-post test design  
**Setting:** A local GYN outpatient clinic  
**Sample:** Convenience sample of 20 female patients with children aged 11-17  
**Data Collection:** Pre/post 46-item Likert survey - HPV Attitude & Belief Scale (Perez et al, 2016) to measure acceptance of recommendations  
**Data Analysis:** Descriptive statistics & Wilcoxon signed ranks test

## RECOMMENDATIONS

- If the intervention works, the HPV vaccine promotion among parents in GYN settings will be expanded & continued
- If the intervention does not work, additional strategies will be explored