

Implementation of Immunization Assessment Form and Medical Staff Education Regarding Human Papillomavirus Vaccination

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Background: The HPV vaccine is recommended for protection against infection and potential cancer sequelae. In 2017, HPV vaccination completion rates in the U.S.= 48.6% and Mills County, Iowa =30%.

Purpose: The purpose of this project was to evaluate HPV vaccination rates through education of staff, providers, and parents in a rural primary care clinic.

Methods: Using Lewin's Change Model, staff was educated regarding the HPV and HPV vaccine, current clinic rates, new assessment forms, and framing recommendations. The Plan-Do-Study-Act model was used for feedback on assessment forms and vaccination rates were determined through the use of chart review and IRIS. Parents were provided an HPV vaccine handout and providers notified by staff to make a recommendation.

Evaluation: Missed opportunities continued to be a significant barrier despite staff education and a new vaccination assessment form. Other barriers identified in this project included a lack of urgency, lack of recommendation, and timing of the intervention.

Implications: Future studies should focus on electronic health record prompts as assessment reminders and having a clinic champion present. A pre- and post-test regarding HPV knowledge would be beneficial in determining how successful the education is for staff and likelihood to make a strong recommendation.