

Impact Report Information

Impact Report Type Full Proposal Interim Report

Project Title: Pneumococcal Disease Prevention Initiative: Integrated Interventions for Improved Adult Immunization Rates

Organization Name: HENRY FORD HEALTH SYSTEM

End Date: 06/30/2014

Project Aim(s): Overall Goal. The project aims to establish a proactive program for adult immunization that engages key stakeholder groups and improves client-patient and provider knowledge throughout a large, integrated health system. In so doing, we anticipate that this project will lead to sustainably high rates of adult immunization coverage among adults ≥ 65 years of age.

Primary Objectives

1. To establish and evaluate an automated adult immunization reminder-recall function in the Henry Ford Health System (HFHS) electronic health information system that is utilized and accessible by health professionals throughout HFHS.
2. To ascertain potential barriers to acceptance, receipt, coordination and delivery of adult immunizations based on qualitative interviews and focus groups with HFHS health providers, client-patients, and caregivers, and a quantitative web-based survey of HFHS health providers.
3. To develop and integrate an electronic health provider educational program for prevention of pneumonia and invasive pneumococcal disease in adults aged ≥ 65 years.
4. To introduce adult immunizations, including pneumococcal vaccine, for client-patients of the HFHS and measure trends in vaccine coverage in adults aged ≥ 65 years based on analysis of data in the HFHS electronic health information system.

Secondary Objectives

1. To establish comprehensive baseline data on incidence of infection and treatment costs associated with treatment of pneumonia and other adult vaccine-preventable conditions among adults aged ≥ 65 years.
2. To establish baseline rates of health outcomes and vaccine-preventable conditions among adults aged ≥ 65 years.

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Progress to Date: 66

Project Impact: The project impacts extend the impact and work detailed in the previous interim report. Due to space limitations in this field, only most recent project impacts are listed:

1. Established a cadre of HFHS patients who have actively participated in several focus

HENRY FORD HEALTH SYSTEM

Impact Report Information (continued)

Project Impact: group discussions addressing their knowledge and understanding of vaccines, particularly adult pneumococcal vaccine.

2. Solicited feedback, opinions, suggestions, advice and impressions from a diverse group of adult patients who presented for routine clinical care at the outpatient facilities of Henry Ford Health System.
3. Formulated analysis of immunization project focus group participant input in order to generate an assessment of important barriers for adult pneumococcal immunization in a diverse patient population served by a large integrated health system.
4. Engaged electronic health information systems managers for Henry Ford Health System to identify current information technologies used to communicate with health care providers and patients across the health system.
5. Engaged practicing clinical pharmacists to identify current immunization practices within Henry Ford Health System and identify additional opportunities to deliver adult immunizations.

Target Health Care Professional Population: 900

Health Care Professional Population Impacted to Date: 450

Target Patient Population: 114000

Patient Population Impacted to Date: 600

Barriers: Since our last interim report, the project team has held productive meetings with a variety of staff within Henry Ford Health System. In addition, the clinical administrative staff have been very engaged in the process of project development, exploring best avenues for communication and outreach to clinicians and in understanding best how to engage patients with the outpatient clinic settings within Henry Ford Health System. This extremely positive environment for engagement has been very important to our successful activities and is a wonderful exemplar of truly multi-disciplinary collaboration. In preparing, organizing, scheduling and conducting the qualitative research activities (i.e., focus group discussions and healthcare personnel surveys), there have been no barriers. We believe that the smooth implementation of activities in collaboration with busy health care personnel results from excellent staff communication and a desire to continually improve the quality of service and

Positive Feedback: Since our last interim report, the project staff have continued to receive positive feedback from patients who have been engaged as a result of this project. We are very encouraged by this response as it represents a good sign for our future patient engagement. Overall, there is a strong desire among patients to learn more and improve their health. The focus group discussions afforded patients an excellent opportunity to improve their understanding of pneumonia, pneumococcal disease and prevention of pneumococcal disease through immunization. The qualitative research conducted to date has also been extremely valuable as now, there is an established track record of experience as well as patients who are very

Applicable Upload Materials: Facilitators and barriers to adult vaccine up Jan 2014_Abtract.pdf (9.64 K)

Applicable Upload Materials: PPT_Prelim Qualitative Research Findings.pdf (755.72 K)