

Title of Intervention: Provider Reminders, Standing Orders and Walk-in Clinics

Intervention Strategies: Individual Education, Environments and Policies, Campaigns and Promotions, Provider Education

Purpose of the Intervention: To increase adult immunizations within inner city health centers

Population: Participants aged 50 and older

Setting: Neighborhood health centers serving disadvantaged inner-city neighborhoods in Pittsburgh, Pennsylvania; health care facility-based

Partners: None mentioned

Intervention Description:

- Campaigns and Promotions: Posters promoting immunization were placed in and around the health centers.
- Provider Education: Staff education was provided. Electronic and written reminders were entered into charts to remind providers to recommend the immunization.
- Individual Education: Individual patient education was provided by health care workers.
- Environments and Policies: Standing orders were used to allow nurses to identify those in need of immunization and to administer those without doctor's orders. Walk-in flu shot clinics were also used to administer the vaccine without having to make an appointment to see the doctor. Reduced fee or free vaccines were provided to patients.

Theory: Not mentioned

Resources Required:

- Staff/Volunteers: Staff for walk-in clinic, patient education
- Training: Vaccine administration training for nurses
- Technology: Computers, telephones, printers
- Space: Walk-in clinic space
- Budget: Not mentioned
- Intervention: Vaccines, reminder/recall software, education materials
- Evaluation: Questionnaires

Evaluation:

- Design: Cohort, post-survey only
- Methods and Measures:
 - A telephone survey was conducted to assess immunization status, the impact of the intervention and attitudes and beliefs about adult immunizations.
 - Immunization log data was used to determine immunization rates

Outcomes:

- Short Term Impact: Not measured
- Long Term Impact: Analysis showed an increase in the adult immunization rate, but the rate remained lower than the national goals.

Maintenance: Not mentioned

Lessons Learned: Tailored multi-component interventions are an effective way to improve immunization rates among patients at inner city health centers.

Citation(s):

Zimmerman, R. K., M. P. Nowalk, et al. (2003). "Tailored interventions to increase influenza vaccination in neighborhood health centers serving the disadvantaged." *Am J Public Health* 93(10): 1699-705.