

**Title of Intervention:** Hospital-based pneumococcal immunization program

**Intervention Strategies:** Environments and Policies, Campaigns and Promotions

**Purpose of the Intervention:** To increase pneumococcal immunizations among high risk hospital patients

**Population:** Individuals admitted to the hospital for medical services during the study period

**Setting:** North Central Bronx Hospital; health care facility-based

**Partners:** None mentioned

**Intervention Description:**

- Environments and Policies: Admissions lists were reviewed daily by an infection control nurse. Charts were stamped for high-risk patients who should be recommended a pneumococcal vaccine.
- Campaigns and Promotions: Posters were placed on all medical floors stating that all high-risk patients should be immunized with pneumococcal vaccine and listed the indications for immunization.

**Theory:** Not mentioned

**Resources Required:**

- Staff/Volunteers: Health care providers, infection control nurse
- Training: Not mentioned
- Technology: Computers and printers
- Space: Immunization space
- Budget: Not mentioned
- Intervention: Vaccines, posters for display, access to charts
- Evaluation: Access to medical records

**Evaluation:**

- Design: Randomized trial
- Methods and Measures:
  - Medical charts were reviewed to determine immunization status
  - Demographic data were obtained through chart review

**Outcomes:**

- Short Term Impact: Not measured
- Long Term Impact: Immunization rates increased significantly for the intervention group.

**Maintenance:** Not mentioned

**Lessons Learned:** Implementation of an organized hospital-based program of immunizing high-risk patients against pneumococcal infection can significantly improve immunization rates in high-risk patients.

**Citation(s):**

Klein, R.S. and N. Adachi, Pneumococcal vaccine in the hospital. Improved use and implications for high-risk patients. Arch Intern Med, 1983. 143(10): p. 1878-81.

Klein, R.S. and N. Adachi, An effective hospital-based pneumococcal immunization program. Arch Intern Med, 1986. 146(2): p. 327-9.