

Rhode Island Pharmacists' Association (RIPA) Pneumococcal Grant Update

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Objectives

- Background
- Grant Description
- Recruitment progress
- Future goals and directions

Pneumococcal Disease

- Second most common cause of vaccine-preventable death in the U.S. after influenza
- Major clinical syndromes include pneumonia, bacteremia, and meningitis

Increased Risk of Invasive Pneumococcal Disease

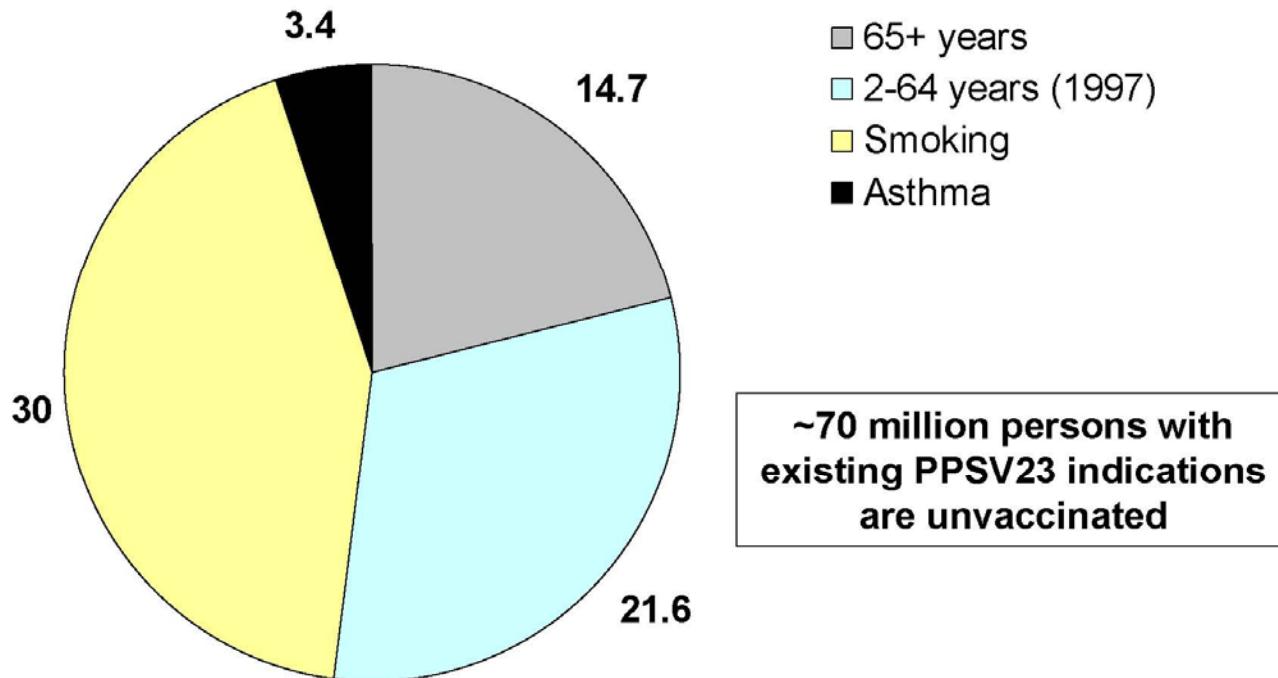
- Decreased immune function
- Functional or anatomic asplenia
- Chronic diseases
 - Cardiovascular
 - Pulmonary
 - Liver
 - Renal
- Cigarette smoking
- Cerebrospinal fluid (CSF) leak

PPSV23: New 2009 ACIP Recommendations

- October 2008
- One time dose for 19 – 64 years old for:
 - Asthma patients
 - Cigarette smokers

Missed Opportunities

Number (millions) of unvaccinated persons among those with existing ACIP indications for PPSV23



Source: National Health Interview Survey, 2007

Pharmacy Background

- Convenient – average < 3 miles away from every citizen
- All 50 states permit immunization
 - Clinician protocol
 - Prescription
 - Standing order
- Ancillary supplies
- Real-time insurance claim processing
- Vaccine storage and monitoring
- Documentation and power backup
- Security

Pharmacy Background

United States

- 112,000 Full-time pharmacists
- Third **most trusted** professional
- 80,000 certified to immunize
- 56,000 pharmacies

Rhode Island

- ~600 Full-time pharmacists
- ~150 immunization certified

Overview of RIPA Pneumococcal Project

- Deliver education materials to network of physician offices and pharmacies
- Identify network of 50 pharmacists to:
 - Educate
 - Screen
 - Administer PPSV-23
- Document screening and administration of vaccines
- Recruitment ends 6/4/10 – current ~30 RPh's

Pharmacists Role - Screening

- Identify patients who are eligible for PPSV-23
- NFID Pocket guide
- Auxiliary labels
- Screening forms
 - De-identified grant form
 - Corporate/independent form

Pharmacists Role: Auxiliary Labels

- Prescription auxiliary labels can be used to help alert patients they are eligible for PPSV23
- Medications for
 - Heart Disease
 - Diabetes
 - Asthma or COPD
 - Smoking cessation
- Or anyone ≥ 65 years old

Pharmacists Role - Education

- Provide education materials in pharmacy
 - Promotional materials in select physician offices
 - Materials will include network of pharmacists and pharmacies providing PPSV23
- Discuss importance of pneumococcal vaccine with patients and care givers

Pharmacists Role - Administration

- Primary Goal: Improve vaccination rates
- Provide vaccines
 - On appointment basis
 - Or in conjunction with flu clinic

Participant Requirements

- Board of Pharmacy-approved Immunization Certification
- Current CPR Certification
- OSHA Training
- Stocked PPSV23
 - Immunize for Life
 - Wholesale ordering

Outcomes

- Outcomes presented in national venues
 - American Pharmacists Association (APhA) Annual Meeting
 - National Community Pharmacists' Association (NCPA) Annual Meeting
 - Paper submitted to Pharmacy Journal of New England
- Other states may replicate our initiative

Financial Support

- NASPA grant funded by Merck
- Funding will pay for:
 - Educational materials
 - Continuing education
 - Pharmacist stipends - \$100 / participant
 - Administrative costs