



**American Pharmacists Association**

Improving medication use. Advancing patient care.

# Pharmacists as Immunization Providers

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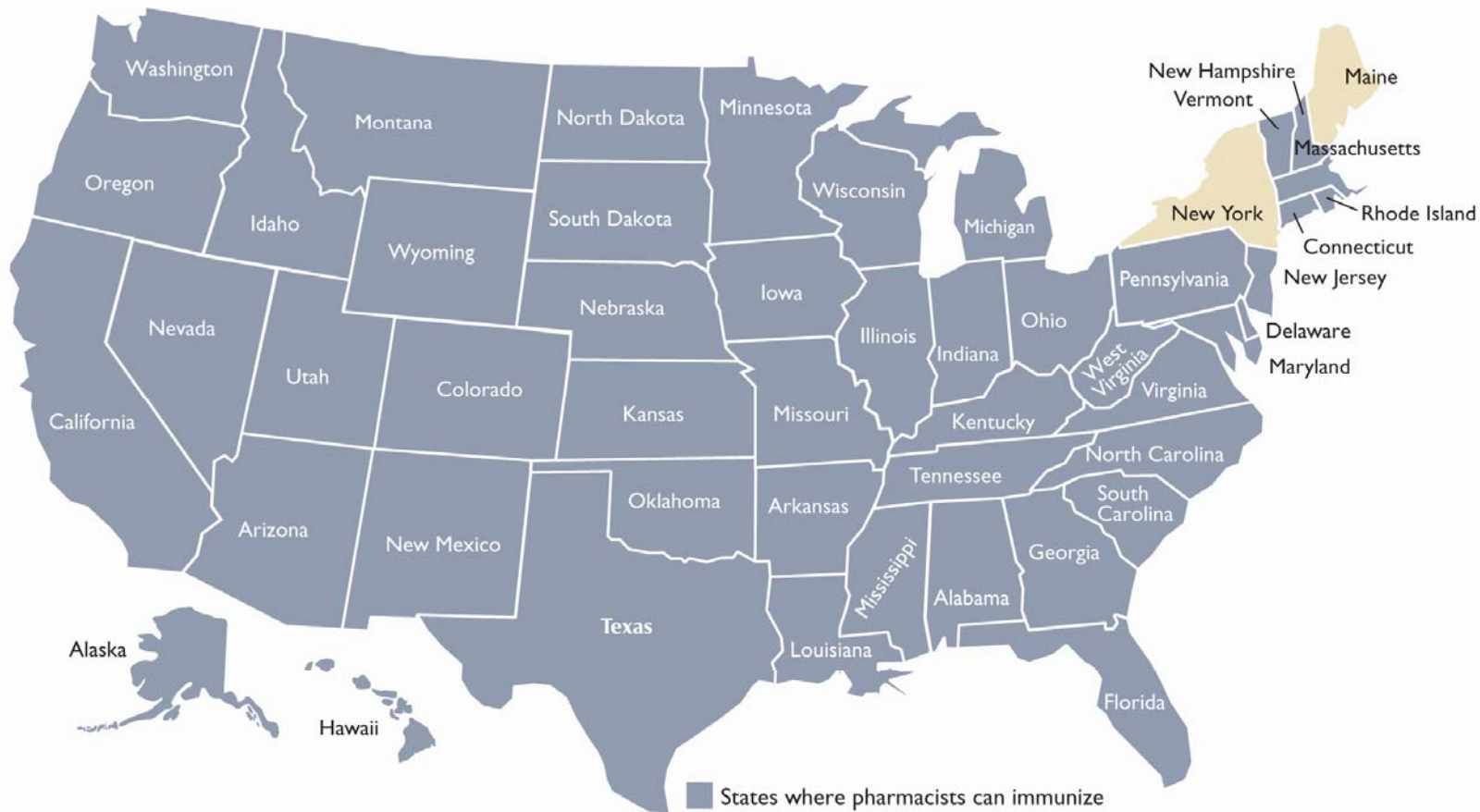


# Challenges / Opportunities

- **Authority**
  - Statute
  - Regulation
- **Implementation**
  - Integration
  - Operations
  - Payment



# States Where Pharmacists Can Immunize



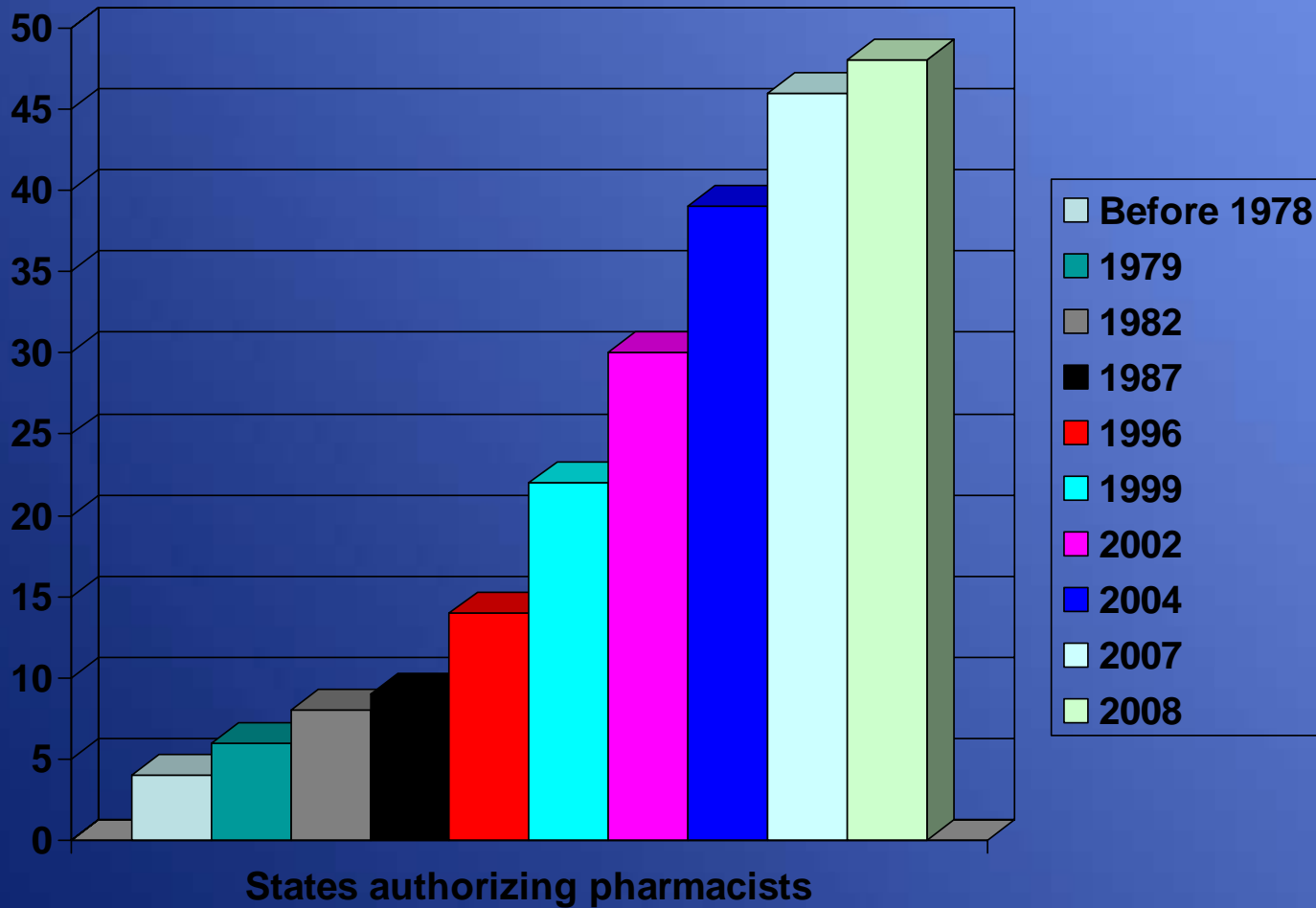
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As of April 2008

- 48 states currently authorize pharmacists to administer immunizations
- Over 30,000 pharmacists trained

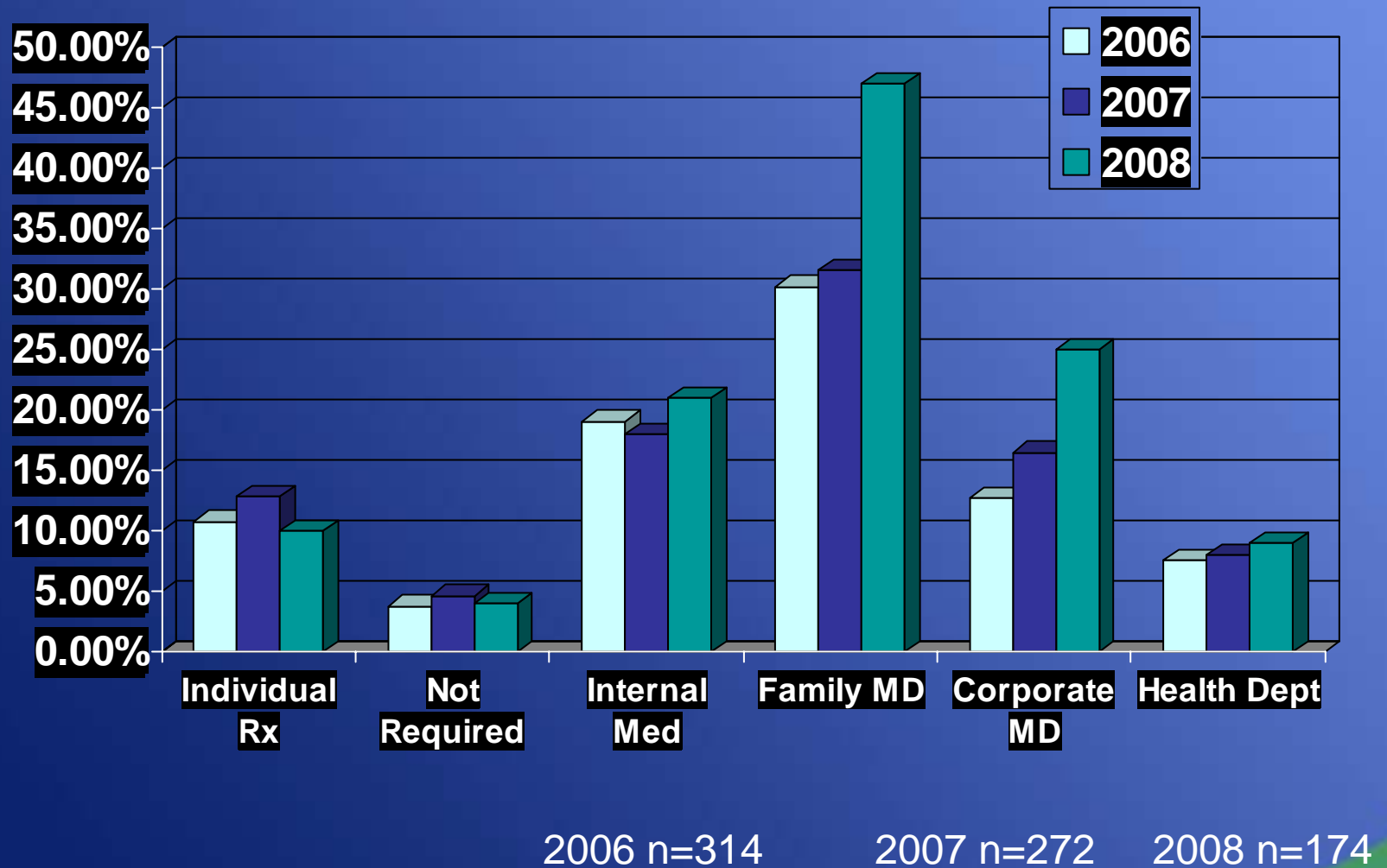


# Pharmacist Authority to Administer Immunizations





# Protocol





# Pharmacist-Managed Vaccination Program

Increased Influenza Vaccination Rates in Cardiovascular Patients Enrolled in a Secondary Prevention Lipid Clinic

## CONCLUSION.

**The pharmacist-managed program increased influenza vaccination rates in high-risk patients with cardiovascular disease in advance of the newly published secondary prevention guidelines. Age-related differences in the vaccination rates were eliminated after program implementation**

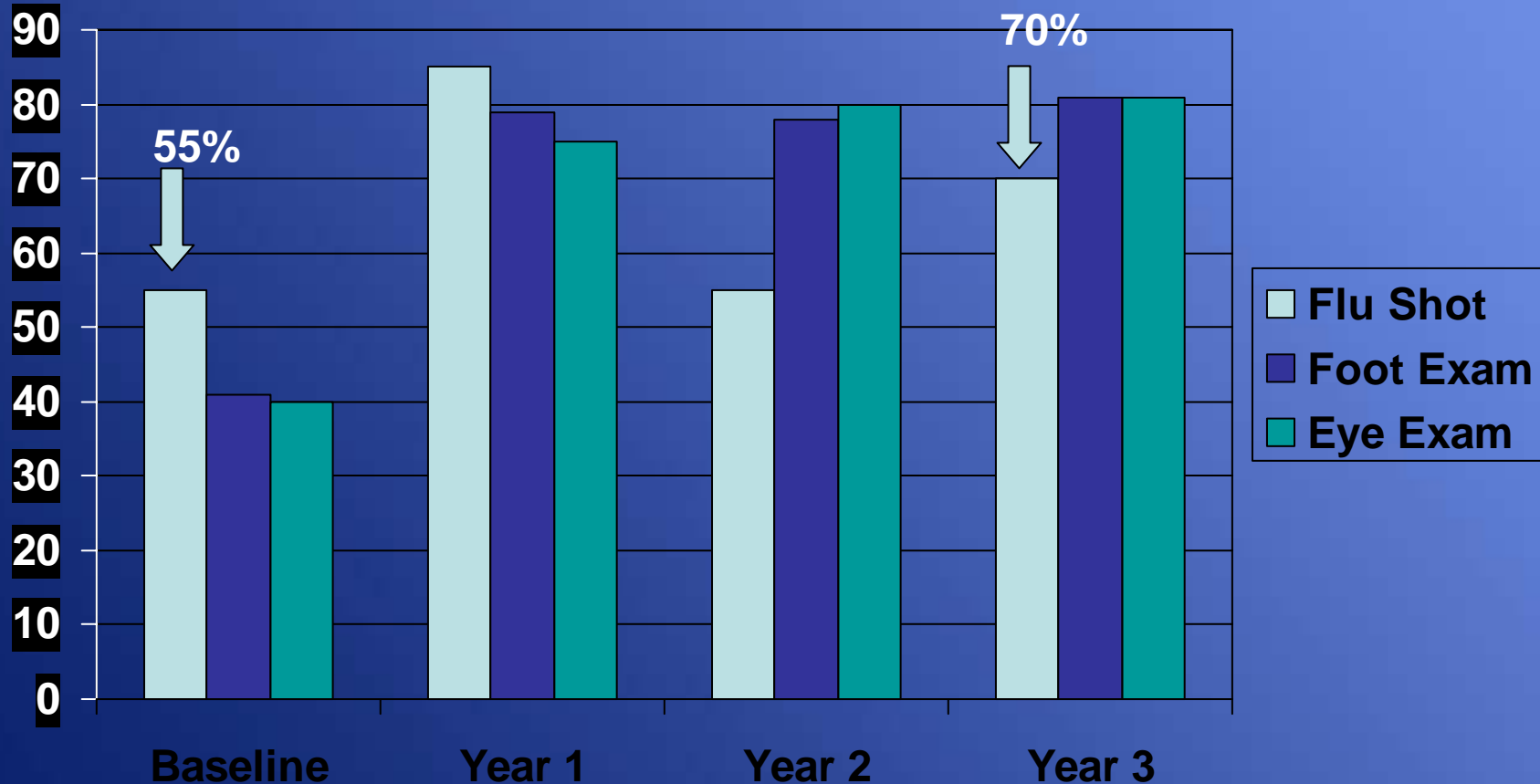
LOUGHLIN S. M., Mortazavi, A., Garey, K. W., Rice, G. K., and Birtcher, K. K.

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# Combined Participant Percent\* Flu, Foot and Eye

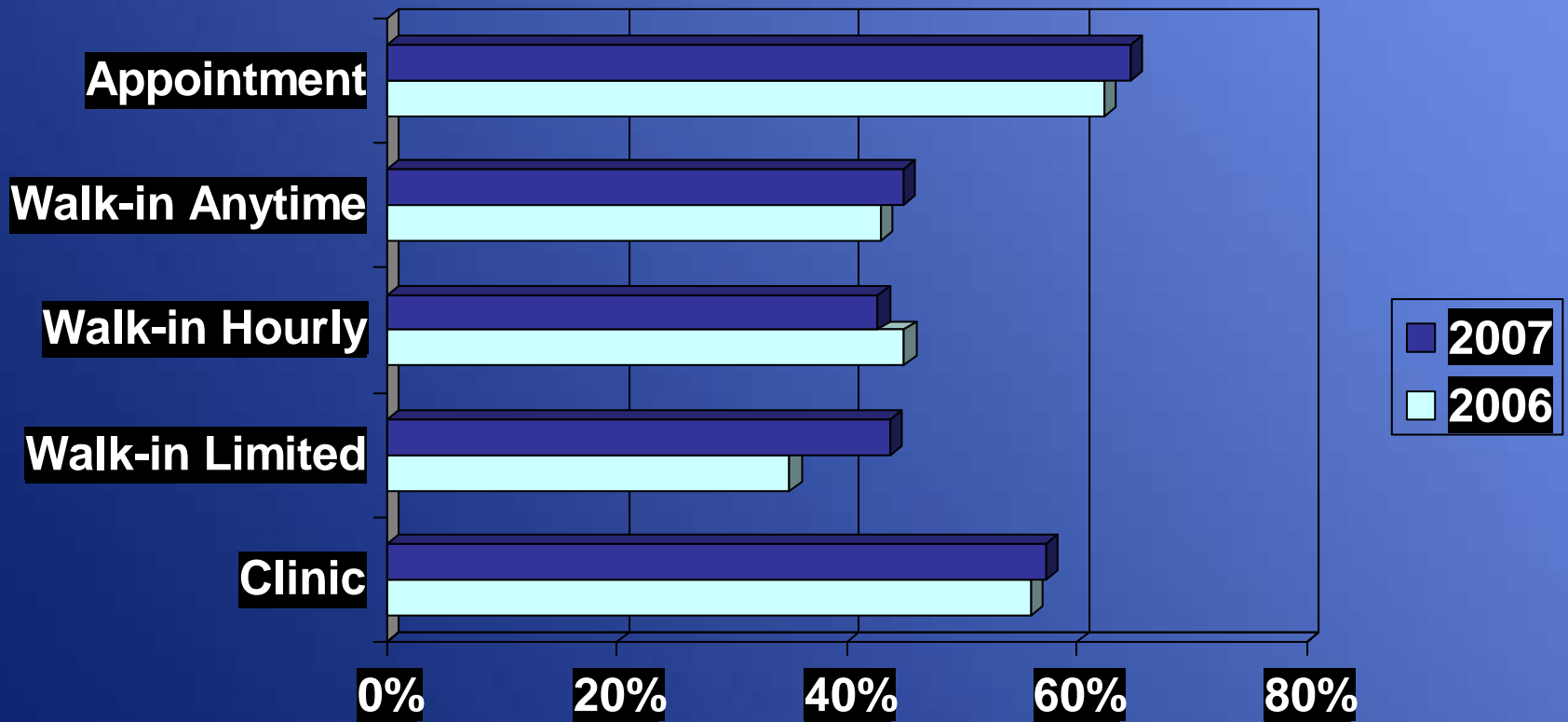


\*As reported in the Patient Self-Management Program reports each year for 99 patients with baseline, 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year results

*Align the Incentives, Empower the Patient, Control the Costs<sup>SM</sup>*



# Structure of Practice



2006 n=266

2007 n=363





# 2007-08 Influenza Season

- **n=330**
- **Total Number of Practice Sites: 11,188**



	Approximately, what percentage of the intramuscular influenza vaccines were administered to the following patient populations?	Approximately, what percentage of the intranasal influenza vaccines were administered to the following patient populations?
Infants < 2 years	1%	
Pediatric patients (2-9 years)	1%	10%
Adolescent patients (10-18 years)	3%	9%
<b>Adult patients &gt; 18 years</b>	<b>95%</b>	<b>81%</b>
	<b>N = 246 responses</b>	<b>N = 107 responses</b>



**Greater than 50% of practice sites plan to do the following in 2008 with their influenza vaccination program**

- Train more pharmacists to administer immunizations**
- Increase the number of influenza vaccines administered**
- Increase influenza vaccine education and administration efforts from January to April**



Please complete the following statement:

**"To expand influenza immunization services in our practice we need..."**

- **Patient education about pharmacists, vaccines, etc**
- **A huge outbreak of the flu in our area**
- **Additional local physician support**
- **Ability to bill for our services to insurance companies other than Medicare Part B.**
- **Educate pharmacy staff members to understand the importance of getting the influenza vaccinations.**
- **State laws and regulations to be more pharmacist-friendly.**