



Albany College of Pharmacy
AND HEALTH SCIENCES

Use of Pharmacy Practice Faculty and Student Pharmacists to Screen, Educate, and Provide Pneumococcal Vaccine to Elderly Patients in Vermont

Presented By:

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Intro

- Purpose: To develop pharmacist faculty and pharmacy student teams to administer pneumococcal vaccination, vaccine education, and medication reviews
- Patients were elderly Vermont residents
- Faculty and students were Certified Immunizers
- Clinic sites were elderly communal residences
- Goal was to achieve at least 90% vaccination rates at each clinic



Methods

- Students developed educational materials that were handed out to patients and presented to residents
- Vaccination protocols and approval forms were developed to ensure safety and accuracy
- Clinic sites provided physical location and support staff
- All materials and equipment were brought to the clinic site
- Brown bag style medication reviews were offered contingent on clinic site space and staff capacity



Results - Summary of Pneumococcal Vaccination Data

Clinic	Patient outcome								Documented patients	Patient census	
	Vaccinated		Approved but not vaccinated		Already current or palliative		Unknown or no response from PCP				
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number
1	6	13.3	6	13.3	21	46.7	12	26.7	45	100	45
2	18	46.2	-	-	-	-	-	-	18	46.2	39
3	13	13.0	3	3.0	50	50.0	18	18.0	84	84.0	100
4	24	38.7	7	11.3	-	-	-	-	31	50.0	62
5	14	22.6	11	17.7	4	6.5	14	22.6	43	69.4	62
6	5	13.9	2	5.6	-	-	-	-	7	19.4	36
7	13	36.1	4	11.1	11	30.6	8	22.2	36	100	36
8	8	22.9	0	0.0	24	68.6	3	8.6	35	100	35
9	4	36.4	0	0.0	7	63.6	0	0.0	11	100	11
10	2	3.0	-	-	17	25.8	-	-	19	28.8	66
11	1	3.3	-	-	-	-	-	-	1	3.3	30
12	3	10.0	0	0.0	27	90.0	0	0.0	30	100	30
13	12	14.0	3	3.5	71	82.6	0	0.0	86	100	86
Total**	123	19.3	36	5.6	232	36.4	55	8.6	454	71.2	638

* Rate is listed as a percent.

**Columns labeled "Number" are the sum of the column and columns labeled "Rate" are the arithmetic mean.

- Represents a lack of documentation provided by the coordinator at the clinic site.



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