

PNUMOVAC

At any time, not later than the study end date, did the veteran receive pneumococcal vaccination, either as an inpatient or outpatient?

- 1. received pneumococcal vaccination from VHA
- 3. received pneumococcal vaccination from private sector provider
- 98. patient refused pneumococcal vaccination

99. no documentation patient received pneumococcal vaccination

ALLERPNU

Is there documentation that the patient had a severe allergic reaction (e.g., anaphylaxis) to a pneumococcal (PPSV23 or PCV13) vaccine component?

- 1. Yes
- 2. No



