



IMMCOMP

At any time in the patient's history through (computer to display stdyend) is there documentation of any of the following in the medical record?

- Immunocompromising conditions
- Anatomic or functional asplenia
- Sickle cell disease and HB-S disease
- Cerebrospinal fluid leak(s)
- Cochlear implant(s)
- 1. Yes
- 2. No

PPSVVAC

At any time, not later than the study end date, did the veteran receive the **PPSV23** (or pneumococcal) vaccination, either as an inpatient or outpatient?

- 1. received PPSV23 (or pneumococcal) vaccination from VHA
- 3. received PPSV23 (or pneumococcal) vaccination from private sector provider
- 98. patient refused PPSV23 (or pneumococcal) vaccination

99. no documentation patient received PPSV23 (or pneumococcal) vaccination

PNEURXN

Is there documentation in the medical record of a prior anaphylactic reaction to a pneumococcal vaccine? 1. Yes

2. No