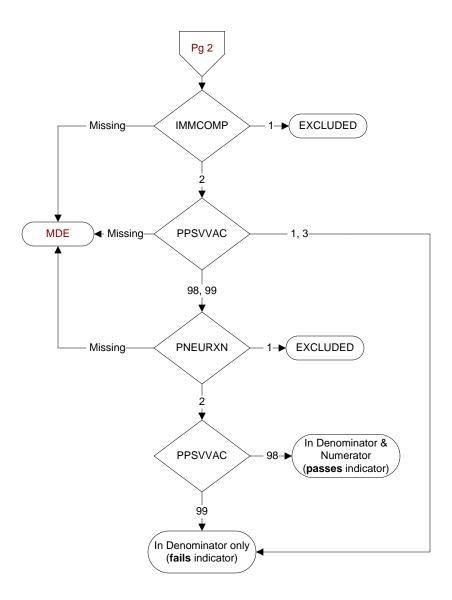


MDE = Missing or Invalid Data Exclusion (data error)



IMMCOMP (PI Module)

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 (PI Module)

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 (PI Module)

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

- 1. Yes
- 2. No