**Title**

What is the performance of immunisation against pneumococcal infection in people over 65 years?

**Author and affiliations**

Oliver Frank, Nigel Stocks, David Gonzalez, Discipline of General Practice, University of Adelaide

**Background**

In 2009 only 54% of Australians aged 65 years and over reported that they were currently vaccinated against pneumococcal disease (1). Self-report usually over-reports provision of care. The performance of pneumococcal immunisation evidenced by records made in general practice is unknown.

**Aims**

To estimate performance of pneumococcal immunisation in Australian general practice.

**Method**

Data extracted from the electronic clinical records of general practices by NPS MedicineInsight, for patients who were 65 years or older at the date on which the data were extracted, will be examined for notes of pneumococcal immunisation. Time to first dose after turning 65 years and times to any second or third doses will be measured. Patients will be characterised by age, sex, length and frequency of attendance at the practice, number of problems, diagnosis of chronic obstructive pulmonary disease, smoking status, current prescription for inhaled bronchodilator or corticosteroid medicine, having a usual GP in the practice and seeing their usual GP on the dates of receiving pneumococcal vaccine. Practices will be characterised by SEIFA index, number of individual GPs in the practice and number of active patients. The data will be examined for associations between pneumococcal immunisation and characteristics of patients and practices.

**Results**

Results will be presented at GP18.

**References** (If applicable)

1. <https://www.aihw.gov.au/reports/primary-health-care/2009-adult-vaccination-survey-summary-results/contents/summary>. Accessed 26/2/2018.