Reviewer's report

**Title:** Effectiveness of the 23-valent polysaccharide pneumococcal vaccine against invasive pneumococcal disease in people 60 years or older.

**Version:** 1  **Date:** 4 February 2010

**Reviewer:** José María M Bayas

**Reviewer's report:**

Minor observations
It is highly recommended paged document
In the introduction, which could be shorter, it would make a reference to the imminent availability of 10-valent and 13-valent pneumococcal conjugate vaccines
Regarding Vaccination history, authors should make some consideration about the possibility of vaccinations PHCCs unregistered clinical records (in Catalonia the influenza and pneumococcal vaccines are administered also in hospitals).
There is an error in Table 2: In Overall IPD (Unadjusted Analysis) Effectiveness of vaccination% is 66% (not 76%). As indicated on page 7: "Effectiveness of the vaccination. In the crude analysis, vaccine effectiveness was 66% (95% CI: 37-82) against all IPD cases ...."

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

No to all