Reviewer’s report

Title: Drug-resistance in Streptococcus pneumoniae isolates among Spanish middle aged and older adults with community-acquired pneumonia.

Version: 1 Date: 21 December 2008

Reviewer: Fernando Saldias

Reviewer’s report:

The objectives posed by the authors are well defined, methods and results are appropriate and well described, the manuscript adhere to the relevant standards for reporting and data deposition, and the discussion and conclusions are well balanced and adequately supported by the data.

Minor essential revisions

The manuscript has some imprecisions and mistakes in their draft that the authors should correct:

Page 5, paragraph 7: Penicillin-resistance in contemporary isolates was 21.2% (14/66).

Page 7, paragraph 2. I disagree with the authors, there was not a higher percentage of penicillin-resistant pneumococcal pneumonia among patients with PSI classes IV-V than among classes I-III (see table 1: PSI classes IV-V was 74.1% in penicillin-resistant strains vs 76.6% in penicillin-susceptible strains).

Page 7, paragraph 5: Mortality rate associated to initial inappropriate treatment was 12.5% (1/8).

Page 7, paragraph 7: Mufson et al manuscript corresponds to reference 23 not 24.

Table 1. Third column. Chronic renal disease 7 (25.9%) 
Table 1. Fifth column. Chronic liver disease 9 (8.7%)

Table 3. Fifth column. There is two missing penicillin-resistant strains in the contemporary isolates. As described in results section, it should be 14 penicillin-resistant strains.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

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

Declaration of competing interests:
I declare that I have no competing interests.