Reviewer's report

**Title:** Parental knowledge and attitudes on paediatric vaccination

**Version:** 2  **Date:** 26 October 2008

**Reviewer:** Frans J.M. Feron

**Reviewer's report:**

The manuscript of Eva Borràs and colleagues surely contributes to the awareness that preventive paediatric vaccination programs need structural attention in order to attain and maintain an optimal immunization coverage level.

**Major Compulsory Revisions:**

1. The conclusions in the abstract are rather general and insufficiently corresponding to the main aim of the study (= to investigate the influence of parental knowledge and attitudes to vaccines and vaccinations).

2. Page 4, line 15: "Therefore the total sample was 630 children" suggests a nonrespption of 0% (!). However, according to page 10, line 24, the percentage of non responders was low: 1.80% (12 families in a total sample of 630 is 1.90%). Still a very low amount of non responders. What is the explanation of this low percentage of non responders?


4. Page 5, line 1: "Parents completed a standard questionnaire for each child": what is the validity of the used questionnaire? Reference(s)?

**Minor Essential Revisions:**

5. Page 10, line 24: Percentage of non responders: 1.80% or 1.90%?

6. Page 11, line 3-12: It is not clear how this paragraph has to be conceived. If authors intend this paragraph as "concluding remarks", this text needs revision. In fact anticipating reference 19 should belong to "Background"/page 3, because this does not concern the results of this study.

7. Table 2: n= 547 (227 + 209 + 60 + 51)? Due to missings or non responders?

8. Table 2 suggests n=287 on coverage of 3:3:3:3:1 schedule respectively n=260 on coverage of 4:4:4:3:1 schedule. On the contrary, table 3 suggests a coverage of n=544 on coverage of 4:4:4:3:1 schedule.

9. Table 4: Vaccination schedule 3:3:3:3:1 reports n=593+37=630. Vaccination schedule 4:4:4:3:1 reports n=554+86=640 (!).

**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:
I declare that I have no competing interests