Reviewer's report

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

**Version:** 2  **Date:** 9 October 2008

**Reviewer:** Jessica Gullion

**Reviewer's report:**

With relatively minor revisions, this is a fine paper that should be published. The study design is good, with accurate statements about both its strengths and limitations. There are no significant weaknesses that would require a renewed round of peer evaluations.

**Minor Essential Revisions**

1. There is a grammar error at the bottom of the first paragraph in the Background section. It should read "Some studies show" rather than "Some studies shows."

**Discretionary Revisions**

1. In several areas of the paper, the authors mention that the importance of mothers’ knowledge and positive attitudes in terms of high vaccination rates. I noticed on the survey instrument that other family members could answer the questionnaire, but I didn’t see a breakdown of respondents. ‘Parents’ is used in most of the analysis, versus material belief as one of the significant findings. It would be helpful to provide the breakdown of relationship of respondent to child.

2. The authors might consider including in the methodology section the number of contacts who chose not to participate in the study. That information is included further in the paper but should be moved up.

3. Did all of the participants send in their immunization card? I found the high participation rate surprising; here in Texas that would be difficult to achieve, especially getting parents to send in the records.

4. Is there a mandate for childhood vaccinations in daycares in this area? I wondered if the reason that the children of older mothers were more fully vaccinated was that they were more likely to work outside the home and have their children in daycare.

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

**Quality of written English:** Acceptable

**Statistical review:** Yes, but I do not feel adequately qualified to assess the
statistics.

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