Reviewer's report

**Title:** Prediction models for short children born small for gestational age (SGA) covering the total growth phase. Analyses based on data from KIGS (Pfizer International Growth Database)

**Version:** 1  **Date:** 18 January 2011

**Reviewer:** Alan Rogol

**Reviewer's report:**

This is a very well defined patient group and methods by experienced investigators in this field. They have presented such algorithms for children with multiple conditions whos were treated with rhGH. I have no major compulsory revisions.

1. This requires an evaluation of the methods by a statistician familiar with this type of study design.
2. It is very well written in idiomatic English but I would suggest the change of "in order to" to "to" in paragraph 1 page 2 and 3 lines from the bottom on page 1.
3. Conclusions--should be stronger and note the "new" data from year 3; that beyond year 3 there is no more "catch-up" growth, similar to children with GHD and that total pubertal growth is indistinguishable from normal
4. There is no reference within the manuscript to figure 1

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

**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