Reviewer’s report

Title: Cost-effectiveness of tolvaptan for the treatment of hyponatraemia secondary to syndrome of inappropriate antidiuretic hormone secretion in Sweden

Version: 1 Date: 10 Nov 2015

Reviewer: Mark Hannon

Reviewer's report:

This paper is interesting and well written. However, I do not think that it is made sufficiently clear that the analysis is essentially entirely hypothetical. This should be made clear from the outset in the abstract - I had read as far as page 5 line 94 before I realised this. No real patients were involved, no real life cases were sequentially followed. The statistics are extremely complex and I would advise an independent statistical review which is not my area of expertise. The statistics section is far far longer than the results section which is inappropriate. The results are a little underwhelming given the huge volume of statistical work that was done. Page 3 line 41 - I would not regard HN Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Unable to assess

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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