Reviewer's report

Title: From accuracy to patient outcome and cost-effectiveness evaluations of diagnostic tests and biomarkers: an exemplary modelling study

Version: 2 Date: 22 January 2013

Reviewer: Ron Leonardus Hubertus Handels

Reviewer's report:

Ease of reading has much improved and the aim fits the methods and results.

major compulsory revisions: none
minor essential revisions: none
discretionary revisions: I only have one concern left related to the comparison to other studies. It is highly unlikely that the pubmed search string subtracts all relevant examples of illustrations of decision analytic models for diagnostic interventions since 'decision-analytic model' is not used in all studies. I suggest using the search string (diagnos*[Title]) AND decision model[Title/Abstract] in Pubmed and in addition search in the National Institute for Health Research Economic Evaluation Database databases. Although reviewing current studies to illustrations decision analytic modeling is valuable it is not a necessity for this article to be of added value.

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