Reviewer's report

Title: Priority setting for new technologies in medicine: A transdisciplinary study

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Reviewer: Dr J Schilling

Level of interest: not specified

Advice on publication: Other (see below)

I have read the manuscript once again. In the Background paragraph the problem that only safe, effective, and appropriate indications for any intervention is now somewhat included but in my opinion still insufficiently.

It would be easy to include a sentence for example on page 4, line 6, after ........provide normative guidance about what should be done: aEoeIn case that it is proven that a preventive, diagnostic or therapeutic intervention is safe, effective, and appropriate the transdisciplinary model may be applicable.aE What is needed additionally, therefore ...........

In the paper these most important issues for priority setting are still considered only factors. If the model is applied to unsafe, ineffective, and inappropriate procedures (e.g. treatment of helicobacter pylory with total gasterectomy) it may be a waste of money and lack of accountability. On top, readers may get the impression that the authors also agree to take unsafe, dangerous, ineffective or inappropirate procedures (risc bigger than benefit) into consideration.

On page 8: The major limitation of the model is.......... As a suggestion to improve the paper as well as the model: Therefore only safe, appropriate, and effective issues should enter into the model which means that in future rules need to be defined.

Page 11: It would be very important to add a step 0: Check if the new procedure is effective, safe, and appropriate.

Competing interests:

None declared.