Reviewer's report

Title: Healthcare Technologies, Quality Improvement Programs and Hospital Organizational Culture in Canadian Hospitals

Version: 1 Date: 19 November 2012

Reviewer: Abby S Kazley

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Major Compulsory Revisions

There are several major methodological problems to be addressed including:
- is there selection bias in responses? I'd think a hospital that is more proactive in both HIT adoption and quality would be more likely to respond than others and with a response rate of only 22.6%, this is troubling.
- are the surveys anonymous? If not, I suspect that the incentive may be for individuals to make their organizations look really good, even if it means not being completely truthful in some cases. How do you measure variance of adoption of certain HIT applications or quality programs? Using one application in one area may not be useful. An adoption model (several have been validated) could be helpful.
- the methods section is too technical and should be rewritten
- why use the Rasch model above other types?

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 I have no competing interests