Reviewer’s report

Title: Acculturation and self-rated health among Arctic indigenous peoples: a population-based cross-sectional study

Version: 2 Date: 23 September 2012

Reviewer: Rod McCormick

Reviewer’s report:

1. Is the question posed by the authors well defined?
The author’s statement: “Exploring the relationship between acculturation and SRH in indigenous populations having experienced great societal and cultural change is thus of great importance” Could have been more explicitly stated as a research question.

2. Are the methods appropriate and well described? Yes the methods seem appropriate and well described

3. Are the data sound? The data seems sound given the limitations stated by the authors.

4. Does the manuscript adhere to the relevant standards for reporting and data deposition? Yes the manuscript does adhere to relevant standards for reporting and data deposition

5. Are the discussion and conclusions well balanced and adequately supported by the data? Yes given the exploratory nature of the research.

6. Are limitations of the work clearly stated? Yes particularly with regards to the unstandardized nature of one of the measuring instruments (SRH). The limitations were stated in a clear and comprehensive manner.

7. Do the authors clearly acknowledge any work upon which they are building, both published and unpublished? Previous relevant work seems to be appropriately identified and acknowledged

8. Do the title and abstract accurately convey what has been found? Yes

9. Is the writing acceptable? Yes -the writing is clear and concise

Discretionary Revisions—There is very little said about mental health which may be a result of the paucity of research amongst the three populations described in the study. The authors may want to make mention of some of the research conducted by authors such as Jack Hicks in Canada who examines acculturation and mental health amongst the Inuit living in the Canadian Arctic.

Level of interest: An article of importance in its field
Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests