Reviewer's report

**Title:** From Patient Care to Research: A validation study examining the factors contributing to data quality in a Primary Care Electronic Medical Record Database

**Version:** 2  
**Date:** 26 October 2014

**Reviewer:** Jennifer Quint

**Reviewer's report:**

Discretionary revisions advised.

This is a well written validation paper. As such it highlights important methodological issues with respect to using electronic health records. It's use is limited however to Canadian databases mostly but there are some generalisable points that may be useful for all EHR researchers.

I have no major issues with the paper.

Specifically going through the recommended peer review questions:

1. Is the question posed by the authors well defined?
   Yes

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

3. Are the data sound?
   Yes

4. Do the figures appear to be genuine i.e. without evidence of manipulation?
   Yes

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

6. Are the discussion and conclusions well balanced and adequately supported by the data?
   Yes

7. Are limitations of the work clearly stated?
   Yes

8. Do the authors clearly acknowledge any work upon which they are building both published and unpublished?
   Yes

9. Do the title and abstract accurately convey what has been found?
Yes
10. Is the writing acceptable? Yes

**Level of interest:** An article of limited interest

**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.