

Reviewer's report

Title: Implementation of Clinical Research Trials Using Web-Based and Mobile Devices: Challenges and Solutions

Version: 0 **Date:** 23 Oct 2016

Reviewer: Maurice Mars

Reviewer's report:

Thank you for the opportunity to review this very interesting and in many ways sobering 'case report'. It gives insight into the issues to be faced relating to patient data security. Given the growing use of the Web and also cellular phones for both research and service provision in the health sector this paper will provide insight and guidance for those preparing relevant REB/IRB submission. The authors are to be commended on the approaches they have taken, their resolve and determination.

It would seem that they were unable to address PHIP point 9, patients' access to their own data. How was this dealt with in their IRB responses?

While I understand the principles of data security, I cannot comment on the code provided in the solutions.

There are a number of minor grammatical, spacing and punctuation errors that need attention as do inconsistencies in the references. The figures in the review copy are of poor quality and some text illegible.

Are the methods appropriate and well described?

If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?

If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?

If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?

If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

Quality of written English

Please indicate the quality of language in the manuscript:

Acceptable

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