Reviewer’s report

Title: On Designing of a Low Leakage Patient-Centric Provider Network

Version: 0 Date: 11 Jan 2018

Reviewer: John Halamka

Reviewer's report:

This paper addresses a very important topic at time when many organizations are transitioning from fee for service to value-based purchasing/risk contracting. Leakage is a critical issue to address when trying to reduce total medical expense and improve quality. The authors propose a novel approach that is a bit like re-districting for an election. I believe their work could be extremely useful in the creation of risk units and practice pods. Changing patient behavior is hard. Changing what constitutes leakage is a much better approach. I highly recommend their paper for publication.

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.

Yes

Are the conclusions drawn adequately supported by the data shown?
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Yes

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I recommend additional statistical review

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