Reviewer's report

Title: Electronic monitoring of non-adherence to medication therapy: examining underlying assumptions

Version: 1 Date: 17 July 2007

Reviewer: Eyal Shemesh

Reviewer's report:

General

This is a well-written, thoughtful article that addresses a problem that is of significant importance to both researchers and clinicians who care for patients who had a transplant. It empirically evaluates the validity of baseline assumptions related to the use of a research tool to measure adherence (electronic monitors). Very few scientific groups try to evaluate their baseline assumptions in an empirical way: I think that this is extremely important, innovative, and valuable to do so.

None

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

None

Discretionary Revisions (which the author can choose to ignore)

I am not able to offer any constructive criticism: the article is very-very well written.. The results are presented in a concise and clear manner, and the discussion describes and explains the results and does not venture beyond the data.

What next?: Accept without revision

Level of interest: An article of outstanding merit and interest 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'