Reviewer's report

Title: Pilot Study of an Interactive Voice Response System to Improve Medication Refill Compliance

Version: 1 Date: 19 August 2008

Reviewer: Martha M Funnell

Reviewer's report:

This manuscript addresses medication-taking and refills, which is an important issue in chronic disease care. This intervention used an automated system, which is an efficient reminder method. There are however some significant concerns with the paper.

- Only half of those approached agreed to participate. Was any follow-up done to determine the reasons for this high refusal rate? Clearly, the lack of interest has implications for future use of these instruments.

- The number who participated in the pilot was small and those who responded to the follow-up study was also small and a fairly specific group (e.g., women over 80). Thus, it is difficult to interpret the results and how they would fit with other populations.

- The issues identified were almost exclusively related to technical difficulties. Therefore, this does not help to develop future interventions beyond recognizing that technology is only as useful as it is sound.

Level of interest: An article of insufficient interest to warrant publication in a scientific/medical journal

Quality of written English: Acceptable

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

Declaration of competing interests:

I have no competing interests.