Reviewer’s report

**Title:** Examining the challenges of family recruitment to behavioral intervention trials: factors associated with participation and enrollment in a multi-state colonoscopy intervention trial.

**Version:** 1 **Date:** 3 January 2013

**Reviewer:** Clement K Gwede

**Reviewer’s report:**

This is a well written paper that discusses pertinent recruitment challenges of family recruitment to behavioral intervention trials. The results, tables, figure and interpretations are sound. My overall impression is that the paper is suitable for publication with minor revisions. These are Minor Essential Revisions:

**Background:**

On Page 5, the risk of developing CRC by type of first-degree relative should be cited separately for parents, siblings, children. Provide statistics and citations? This is important because risk varies.

Also in this section (page 5) what is the numeric lifetime risk or otherwise for second degree relatives to develop CRC. How does this risk compare to sporadic risk where there is no familial risk?

A summary table of literature review with studies of family recruitment methods used (in CRC or other cancer), outcomes by R/E could help if feasible?

**Methods:**

Page 6, what is the breakdown of first-degree vs. second-degree relatives among the 481?

**Results/Discussion:**

Similar to the last point in Background, authors could improve the concluding paragraph by discussing enrollment strategies they believe should be further explore in future trials.

**Level of interest:** An article of outstanding merit and interest in its field

**Quality of written English:** Acceptable

**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

'I declare that I have no competing interests'