Reviewer's report

Title: Cancer risk in MLH1, MSH2 and MSH6 mutation carriers; different risk profiles may influence clinical management

Version: 1 Date: 13 August 2009

Reviewer: allan spigelman

Reviewer's report:

The authors have addressed some of the not inconsiderable limitations of this study, which is essentially a retrospective audit of the experience of an hereditary cancer clinic. It would be good if more detail was provided as to the method of ascertainment of the cancers reported. For example, were cancer only documented if the patient volunteered the information, was there a proforma that elicited the same information from each patient, were reports themselves actually checked or verification obtained by some other means eg a state cancer registry? How limited was the recording of cancers as I note that breast and brain cancers were not found, in contrast to references.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

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