Reviewer's report

Title: PIPelle Prospective ENDOmetrial carcinoma (PIPENDO) study, pre-operative recognition of high risk endometrial carcinoma: a multicentre prospective cohort study

Version: 3 Date: 18 January 2015

Reviewer: Robert A Soslow

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Major compulsory revisions:

1. Background: The authors make reference to Bokhman’s model that accounts for 2 types of endometrial cancer. This model is now more than 30 years old. I suggest a review of the recent TCGA report on the genomic landscape of endometrial cancer.

2. IHC analysis: Why have the authors chosen NOT to use p16 and the DNA mismatch repair proteins as part of their IHC panel?

3. Methodology:
   a. I don't understand how cervical cytology and comorbidity status will be accounted for in the analysis
   b. There is no information about criteria for histological classification, tissue fixation and processing, performance of immunohistochemical stains and interpretation of the stains, or quality assurance. This information is absolutely critical

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

YES; non-financial competing interests: I have submitted a protocol to the GOG with very similar goals and methodology