Reviewer's report

Title: Breast cancer epidemiology according to recognized breast cancer risk factors in the Prostate, Lung, Colorectal and Ovarian (PLCO) Cancer Screening Trial Cohort.

Version: 1 Date: 26 September 2008

Reviewer: Daehee Kang

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Major points:

1. Case ascertainment: need to clear description on case identification, follow-up methods, and validity of 'self-reported' cases. And difference in the characteristics of breast cancer cases from trial and control arms.

2. Results should be presented according to menopausal status.

3. Discussion should include the potential limitation of the study (short follow up duration, self-reported cases, etc.) and be more concise and shortened.

Minor comments:

1. Rationale of the statistical methods used (Epicure versus Cox model)

2. In Statistical analysis, the bottom of page5, "(see Table 1)" should be "(see Table 2)"