Reviewer's report

Title: Using a state cancer registry to recruit young breast cancer survivors and high-risk relatives: a protocol of a randomized trial testing the efficacy of a targeted versus a tailored intervention to increase breast cancer screening

Version: 2 Date: 3 November 2012

Reviewer: Ophira Ginsburg

Reviewer's report:

This study has the potential to make real impact on the many women and families still under-referred/under-utilizing for cancer genetics and breast screening services. It is a nice example of a public health approach to cancer genetics services, risk estimation & risk reduction for breast (and ovarian) cancer.

Comprehensive prospective, randomized study design with very clear aims & outcome measures. Good use of resources to not only investigate current utilization (and barriers) of breast screening & genetic counselling services, but to also provide outreach to at-risk relatives.

Strengths: adequate background and rationale for the study, including theoretical framework employed for the two interventions. Important to note that despite previous efforts only 42% of charts in their regional genomics program include documentation of family hx of breast cancer, 98% without documented age at diagnosis, critical for identifying families who may have hereditary breast/ovarian cancer....phone survey indicating a very low (12) % of women over 40 who received cancer genetics services....and a surprisingly low proportion of at-risk, women who had reported having a mammogram of CBE in the past 12 months. Their estimated number of at-risk, age-appropriate female relatives and likely proportion of eligible participants who consent to the study seem realistic. Use of a "Project Navigator" will help in study flow, study participant satisfaction, as well as increasing the opportunities to identify female relatives who may choose to participate. Statistics seem solid, and a statistician was involved in the study design.

Weaknesses: no major weaknesses identified.

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

Quality of written English: Acceptable

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

Declaration of competing interests:
I declare that I have no competing interests.