Reviewer's report

Title: Knowledge of risk factors, beliefs and practices of Nigerian female healthcare professionals towards breast cancer: A cross-sectional study.

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Reviewer: Benjamin O Anderson

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Summary:
This manuscript reports findings on the knowledge of risk factors, beliefs, and practices of breast cancer among randomly selected 207 female Nigerian medical professionals from a cross-sectional survey conducted in Lagos State University Teaching Hospital. Data were collected using self-administered questionnaire. There were four parts in the questionnaires.

Methodology:
Statistical analysis – the author stated in several places that the statistical significance of some factors in relation to different professional groups was not influenced by age, but did not mention what kind of statistical model was used to adjust for age. The author should describe it in details in Analysis.

Results:
Age might be related to the knowledge of breast cancer in this group. It would be interesting to see the distribution of age and professional qualification by professional groups in Table 1 to determine if knowledge differences among participants were strictly related to professional qualification or if age itself may be an associated factor, independent of professional qualifications.

According to the author, “each respondent was scored on knowledge of risk factors…” There are only eight questions related to risk factors of breast cancer (Part 2 of the questionnaire) being collected. The distributions of the answers among different professionals were shown in Table 2. The results seem to indicate that breast cancer knowledge among doctors is satisfactory, but not among other professors. If it is important to enhance the knowledge of breast cancer risk factors among healthcare providers other than physicians, the author should make statement accordingly.

On Page 12, the author stated that BSE, CBE and mammography are recognized methods of screening… has led to reduction in mortality from the disease.” The literature is not consistent in support of the reduction of breast cancer mortality by BSE. The author should alter the language to reflect the literature properly.

Level of interest: An article of importance in its field
Quality of written English: Needs some language corrections before being published

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.