Reviewer's report

Title: Health-related quality of life in survivors of stage I-II breast cancer: randomized trial of post-operative conventional radiotherapy and hypofractionated tomotherapy.

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Reviewer: Grit Welzel

Reviewer’s report:

The manuscript is well-written, and the study addresses a subject with little previous data.

Major Compulsory Revisions:
1. My main criticism is that Table 5 is not completely readable (wrong page format; pages 20-21). Maybe you can summarize the mean value and standard error columns to one column.
2. How do you control for “response shift”? Could you correlate your QoL findings with acute and late morbidity/toxicity?
3. Appendix 1 is missing.
4. Figures 2-5: Could you report the number of patients at each time point?

Minor Essential Revisions:
1. Page 6: IV. Results section, 1. sentence: The numbering “… tables 4-5” seems to be wrong (Table 4 reports on hypofractionated radiotherapy studies).
2. Page 6: IV. Results section, The EORTC QLQ-C30 scales, 3. sentence “Only in cognitive functioning that CR arm became worser than the baseline level until 3 years follow-up after RT.”:
   Do you mean “Only in cognitive functioning the CR arm became worser than the baseline level until 3 years follow-up after RT.”?
3. Figure 5d is not mentioned in the text. Appendix 2 is missing.
4. Sociodemographic factors such as marital status, income and occupation have also been found to be related to QoL in cancer patients. Could you report more sociodemographic details?

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.