Reviewer’s report

Title: Cancer and fertility preservation: international recommendations from an expert meeting

Version: 0 Date: 02 Nov 2015

Reviewer: Lynn Marie Westphal

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This is a thoughtful and thorough discussion of fertility for cancer survivors.

There are a few areas that need revision or correction:

1. On page 9, the last paragraph needs to be more clear and expanded. Explain the high induced abortion rates.

2. On page 10, line 55, add that it has a direct effect during treatment only.

3. On page 10, explain why tamoxifen needs 3 months to be out of the patient's system. Tamoxifen is sometimes used as a fertility medication, so what data show that there needs to be a 3 month delay? The bigger question is how long to wait after adjuvant chemotherapy.

4. On page 12, change that sperm cryo can be performed in many (not just "several") centers.

5. On page 19, use low "concentration" instead of "amount."

6. On page 19, reword the sentence to "Irrespective of which method is used, the success rates are best in women under 36, although success has been reported up to age 44 with vitrification."

7. On page 19, line 48, reword the last sentence in the middle paragraph to "increasing use of vitrification in infertile couples and by 2010, vitrification..."

8. On page 20, line 2, start a new sentence: "Pregnancy rate after embryo thawing is strongly dependent on age, ranging from over 40% in women younger than 35 to less than 20% in women over 40."

9. On page 20, middle paragraph, it is "fact" not "facts" and add "when" analyzing

10. On page 20, it is a "particular" protocol (not "peculiar")

11. On page 22, it is "any" time in the menstrual cycle (not "every")
12. On page 22, second paragraph, add egg collection is not recommended "in patients who have received recent chemotherapy, owing to ..."

13. On page 22, recommend saying "... cryopreservation is strongly dependent upon the patient's ovarian reserve. For this reason, patients over 40 or with reduced ovarian reserve are not good candidates." (Your reference is about age >40)

14. On page 24, last sentence: it should be "Of note is that in...

15. On page 25, in patients undergoing COS, LHRHa can be given after the retrieval to avoid a flare. It seems best to give it before any chemotherapy and not wait until the second chemotherapy cycle.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
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Yes

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