Nephro-Urology Monthly
Volume 15 · Issue 3 · e138581

OPEN PEER REVIEW

Cysteamine Mitigates the Deleterious Impact of Cryopreservation on Sperm Parameters

Mohammad Amin Behmanesh, Sima Janati, Behnam Ghorbanzadeh, Ahmad Baniasadian, Seyedeh Mahsa Poormoosavi

SUBMITTED	REVISED	ACCEPTED	DOI
31 Jul 2023	11 Sep 2023	29 Sep 2023	10.5812/numonthly-138581

About this report

This open peer review (OPR) report shows the public comments made on this article during peer review, by the reviewers, the associate editor and the editor-in-chief, for every revision round, together with the authors' replies. Comments appear only with the consent of the people who wrote them. Reviewers who chose to sign their report are named; the others are shown as "Referee". Comments are edited for language only, and confidential remarks to the editors are not included.

More about open peer review: brieflands.com/knowledgebase/opr

Contents

1 **Original submission** Referee 1, Associate Editor 2
2 **Revision 1** Referee 1, Associate Editor 3
Authors' reply to reviewers 4
Reviewer and editor comments 5

1 Original submission

2 comments · 18 Aug 2023 – 20 Aug 2023

Referee 1 Reviewer

MAJOR REVISION 18 Aug 2023

1. It would be better to mention the numerical result in the results section of the abstract.
2. Some sentences are repeated exactly in different parts of the article, which is very boring for the reader. The article should be better organized.
3. The novelty of your work must be discussed; it seems to be very weak.
4. You could increase the number of more recent studies in the reference section. You should provide comprehensive and reliable comparisons between your findings and those of other previous studies.
5. Some of the references are too old—about one or two decades old. Therefore, I strongly recommend that the authors replace them with some recent references.
6. Additional citations are required to support some of the statements made. Please help improve this article by adding citations to reliable sources.
7. Please mention the weak and strong points of your study.
8. Please write about the limitations of your survey. Are there any limitations to this study? If yes, please mention all limitations of the current study within the discussion section, too.
9. Please mention the exact P-value with three digits in the tables and text.
10. The majority of the results and statistics cited in this study are inconsistent with the tables.
11. Why did you select a 10 mmol cysteamine concentration? Why didn't you investigate the effects of different concentrations on sperm parameters?
12. In some studies, it was found that higher concentrations of cysteamine reduced the quality of sperm after thawing and did not have an antioxidant effect on sperm morphology.

Associate Editor

MAJOR REVISION 20 Aug 2023

Major Revision

2

Revision 1

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

Answer to reviewer

1- Thanks. We mentioned numerical results in the abstract.

2- we reorganized the article and eliminated the repeated sentences.

3- About the novelty, we should mention that all articles discus about animal samples but we use cysteamine in semen sample of the men. We add this item to manuscript. Thanks for your consideration.

4- We do it. We increased the number of references and comprised their finding with our results. Thank you.

5- we changed the old references with recent references.

6- we added citation.

7- we mentioned the weak and strong points of our study and highlighted it.

8- we wrote about our limitation in discussion section.

9- we mentioned the exact value of P in the tables and text.

10- Thanks, we corrected them.

11- We use pilot to this study and after use of 3 doses (5,10, 20), we decided to use 10 mmol. Piloted doses were selected from similar animal articles.

12- exactly for this reason we didn’t use higher concentration and we use 10 mmol.

2 Revision 1

2 comments · 27 Sep 2023 – 29 Sep 2023

Referee 1 Reviewer

ACCEPT 27 Sep 2023

The revision is satisfactory.

Associate Editor

ACCEPT 29 Sep 2023

Accept