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OPEN PEER REVIEW

Association Between Demographic Characteristics and Sperm DNA Fragmentation Index in Infertile Men

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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.

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1 Original submission

1 comment · 23 Feb 2023

Referee 1 Reviewer

MINOR REVISION 23 Feb 2023

Infertile men who were admitted to the Shahid Rahimi and Shohada-ye Ashayer hospitals in Khorramabad, Iran, between the years 2020 and 2021 for treatment of infertility are the subjects of this study, which is a cross-sectional investigation into the relationship between lifestyle habits and sperm DFI. 222 males who were infertile participated in this descriptive cross-sectional research. On the basis of their sperm DFI, the samples were separated into three distinct groups.

The authors of this research conclude that DFI is unrelated to lifestyle variables. Nevertheless, large-scale studies are needed to assess the significance of these characteristics; if their involvement in infertility is confirmed, then adjusting one's way of life might be a viable treatment option.

1. The results section has very few specifics and is fairly concise. As a result, it is advised that the authors provide the readers with a greater amount of material and specifics.
2. What are the theoretical and practical implications of this study?
3. What are the strengths of this study in comparison with the other similar articles?

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.

Dear editorial office and reviewers of Nephro-Urology Monthly,

We are grateful for your precious comments on our manuscript entitled “Association Between Demographic Characteristics and Sperm DNA Fragmentation Index in Infertile Men”. We have read the comments and tried to address them all. Below, are our answers to the points raised by the reviewers:

1. More tables and figures have been added to the results section to provide the readers with further details.

2. The theoretical and practical implications of this study have been added to the discussion.

3. The strengths of this study have been added to the manuscript.

Sincerely yours,

Corresponding author

2 Revision 1

2 comments · 8 Jul 2023 – 10 Jul 2023

Referee 2 Reviewer

MINOR REVISION 8 Jul 2023

1. There are several spelling and grammatical errors within the manuscript that need to be corrected in the right order. Please consider the quality of the English in the manuscript again and revise it accordingly.
2. Please make the fonts and spacing between words consistent in some parts of the manuscript.
3. Please check your keywords against the Mesh database. It seems that the keywords need some revisions.
4. The classification of groups should be shown correctly.
5. Please utilize up-to-date reports regarding the statistics pertaining to couples experiencing infertility.
6. The authors include a good number of references but may need to focus on some of them to give an in-depth discussion. You should have comprehensive and reliable comparisons between your findings and those of other previous studies.

Associate Editor

MINOR REVISION 10 Jul 2023

Minor Revision

3

Revision 2

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.

Dear editorial office and reviewers of ***Nephro-Urology Monthly***,

We are grateful for your precious comments on our manuscript entitled “Association Between Demographic Characteristics and Sperm DNA Fragmentation Index in Infertile Men”. We have read the comments and tried to address them all. Below, are our answers to the points raised by the reviewers:

1. The whole manuscript was re-evaluated and the grammatical mistakes were revised.
2. The font, size, and spaces have been adjusted in different sections of the manuscript.
3. The keywords have been rewritten according to MeSH terms.
4. The classification of groups has been added to the methods and materials.
5. Up-to-date worldwide and nationwide reports regarding the epidemiological aspects of infertility have been added to the manuscript.
6. The discussion section has been revised so that it provides a more comprehensive comparison between the findings of the current and previous studies.
7. All changes have been highlighted in the manuscript (revisions for improving the English quality of the manuscript are highlighted in green and changes related to other comments are highlighted in yellow).

Sincerely yours,

Corresponding author

3 Revision 2

3 comments · 20 Jul 2023 – 25 Jul 2023

Referee 1 Reviewer

ACCEPT 20 Jul 2023

Thank you

Referee 2 Reviewer

ACCEPT 20 Jul 2023

The revision is satisfactory.

Associate Editor

ACCEPT 25 Jul 2023

Accept