

## OPEN PEER REVIEW

## Open Peer Review (OPR)

As a new feature for progressing towards transparency, we decided to open a new window for all of our editors as well as authors titled "**Open Peer Review**". We hope by this new facility, our reviewers will be more motivated and authors will be more satisfied with the review process. We believe that publishing our peer review reports could make a transparent and clear environment for all our efforts within a journal, but not all reviewers tend to publish their comments.

## What is "Open Peer Review" process?

An "Open Peer Review" process is making the details of all review process (including reviewers, associate editors, and EICs comments) as "Public" as it is agreed by EIC, Authors, and reviewers.

## Advantages of "Open Peer Review" process

- More transparency, constructiveness and tactful comments of the peer review process: leads to an increase in the quality of reviews
- More motivations for all involved roles in the review process
- Authors' satisfactions from the review process: Increases honesty between authors and reviewers
- Education of both authors and new students
- Prevents reviewers from following their individual agendas and leading to the detection of reviewers' conflicts of interests

You can find out more at:

<https://brieflands.com/briefland/knowledgebase/category/tree.html#opr.html>



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## Peer Review Report for "Impact of Gender, Change of Base of Support, and Visual Deprivation on Postural Balance Control in Young, Healthy Subjects"

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### Review Timeline:

▶ Submit Date: 10 Apr 2022

▶ Revised Date: 25 Apr 2022

▶ Accepted Date: 25 Apr 2022

### Revision (0)

Here, you can see the **Reviewers, Associate Editors** and **EICs'** comments from the beginning to the end of the revision process.

**REFEREE:** EIC | Revision (0)

25 Apr 2022

Impact of Gender, Change of Base of Support, and Visual Deprivation on Postural Balance Control in Young, Healthy Subjects

Revision 0:

Reviewer 1:

Comments:

Generally, Interesting research work. Some minor revisions are recommended below:

\*In the abstract, report exact P-values. Better to state the study type in the method section of the abstract. Check keywords based on the MESH standard.

\*In the background: The first paragraph doesn't have a reference.

\*Please focus more on research necessity.

\* Report Anthropometric and Body Composition Measurements as a separate table.

\*Put symbol (e.g., \*) for showing significance in figures.

- \* Please provide the following sentence below the tables. "Data are presented as mean  $\pm$  standard deviation"
- \* Recommend declaring the possible use of your study results.

Reviewer 2:

Comments

Accepted with minor revisions

- \*I recommend inputting more updated references, especially the last three years.
- \* Categorize the study purposes, since you have several hypotheses.
- \* a combination of tables and figures would make your results section better.
- \* Include The level of significance at the end of the statistical analysis.
- \*What are the Strengths and Limitations?

Replay to the reviewers

We responded and revised the comments raised by the respected reviewers. Point-by-point responses are provided followingly.

Reviewer 1:

Comments:

Generally, Interesting research work. Some minor revisions are recommended below:

- \*In the abstract, report exact p-values. Better to state the study type in the method section of the abstract. Check keywords based on the Mesh standard.

Response: it was done.

- \*In the background: the first paragraph doesn't have a reference.

Response: Added

- \*Please focus more on research necessity.

Response: it was done.

- \* Report Anthropometric and Body Composition Measurements as a separate table.

Response: it was done.

- \*Put symbol (e.g., \*) for showing significance in figures.

Response: Added

- \* Please provide the following sentence below the tables. "Data are presented as mean  $\pm$  standard deviation"

Response: Added

- \* Recommend declaring the possible use of your study results.

Response: this sentence was added: The present findings could be effective for clinicians and researchers who use comparative evaluations among the limbs to investigate enabling progression in functional exercises and identifying balance issues in hurt persons (26).

Reviewer 2:

\*I recommend inputting more updated references, especially the last three years.

Response: Added (ref: 5 and 15)

\* Categorize the study purposes, since you have several hypotheses.

Response: it was put in a different section ((1) to investigate the impact of gender, the surface type, and vision on postural sway; (2) to assess the impact of gender and vision on the limb symmetry postural sway; and (3) to understand if the alterations to the dynamic postural sway are depended on gender, directional stance and vision. We hypothesized that (1) females would have better balance sway than males; (2) postural stance would be altered when the base of support is changed or reduced; and (3) postural sway would increase without visual information.)

\* a combination of tables and figures would make your results section better.

Response: both are found.

\* Include The level of significance at the end of the statistical analysis.

Response: Added (The level of significance was set at  $P < 0.05$ ).

What are the Strengths and Limitations?

Response: it was put in a different paragraph and section as follows:

As we know, this study is the first work that investigated the impact of gender, different balance stances, and vision on static and dynamic balance control in healthy individuals. In the purpose of extending our work completed in this observation, future researchers might pursue inspecting the evaluation of the dynamic balance measures among groups of varying ages and populations (egg, athlete vs non-athlete) and apply varying visual, sensory, and vestibular inputs of balance or other dynamic balance devices.

Revision 1

Reviewer 1: now, it's accepted

Reviewer 2: the performed revisions are acceptable.

AE:

Accepted.

EIC:

Check the typo errors in proofreading.