

PEER-REVIEW REPORT

Name of journal: *World Journal of Orthopedics*

Manuscript NO: 76189

Title: Does Orthotics Use Improve Comfort, Speed and Injury Rate During Running?
- Preliminary analysis of a Randomised Control Trial

Provenance and peer review: Unsolicited manuscript; externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02281177

Position: Editor-in-Chief

Academic degree: MD, PhD

Professional title: Chief Doctor, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United Kingdom

Manuscript submission date: 2022-03-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-03-08 03:18

Reviewer performed review: 2022-03-19 07:51

Review time: 11 Days and 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
-------------------------------------	---

SPECIFIC COMMENTS TO AUTHORS

This is a well-designed study that shows that runners can use Orthotics to increase comfort, run speed and reduce injury. I don't know what that means "One participant withdrew from the study due to injury, however they were assigned to the control group." Please explain. Please explain the working principle of the Orthotics in the discussion part and add a diagram of the Orthotics to make the readers better understand the usefulness.

PEER-REVIEW REPORT

Name of journal: *World Journal of Orthopedics*

Manuscript NO: 76189

Title: Does Orthotics Use Improve Comfort, Speed and Injury Rate During Running?
- Preliminary analysis of a Randomised Control Trial

Provenance and peer review: Unsolicited manuscript; externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04105454

Position: Editorial Board

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: United Kingdom

Manuscript submission date: 2022-03-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-04-10 01:29

Reviewer performed review: 2022-04-10 01:50

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
-------------------------------------	---

SPECIFIC COMMENTS TO AUTHORS

It is well written preliminary results if the results are not in favor of orthotics why you did not mention that it is not cost benefit in the conclusion

PEER-REVIEW REPORT

Name of journal: *World Journal of Orthopedics*

Manuscript NO: 76189

Title: Does Orthotics Use Improve Comfort, Speed and Injury Rate During Running?
- Preliminary analysis of a Randomised Control Trial

Provenance and peer review: Unsolicited manuscript; externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05190615

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United Kingdom

Manuscript submission date: 2022-03-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-04-11 05:02

Reviewer performed review: 2022-04-12 04:39

Review time: 23 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
-------------------------------------	---

SPECIFIC COMMENTS TO AUTHORS

The sample size of this preliminary report is very small, but obtained a positive effect for comfort levels and running speed. There is no significant difference for RRI rate between two groups, which maybe also have a difference once recruitment and data collection is complete. Participants provided data remotely via an online or paper survey, depending on their preference. The sports data participants provided may be not accurate otherwise by smartphone. Detailed data may be uploaded by supplementary files. "Preliminary report" is suggested showed in title.

PEER-REVIEW REPORT

Name of journal: *World Journal of Orthopedics*

Manuscript NO: 76189

Title: Does Orthotics Use Improve Comfort, Speed and Injury Rate During Running?
- Preliminary analysis of a Randomised Control Trial

Provenance and peer review: Unsolicited manuscript; externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05866874

Position: Peer Reviewer

Academic degree: PhD

Professional title: Physiotherapist, Professor, Senior Lecturer

Reviewer's Country/Territory: Spain

Author's Country/Territory: United Kingdom

Manuscript submission date: 2022-03-06

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-04-11 07:45

Reviewer performed review: 2022-04-12 08:45

Review time: 1 Day and 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
-------------------------------------	---

SPECIFIC COMMENTS TO AUTHORS

Dear authors: Thank you very much for carrying out your research. Below are my comments on your manuscript: First of all, there is a high conflict of interest in this research, you are aware of it and have expressed it, so perhaps your conclusions are not totally unbiased. In my view, the sample of this study is insufficient (you should carry out a sample size study, as it is not included in your manuscript). In addition, the inclusion criteria are very loose and may be influenced by certain lower limb pathologies that you have not recorded, so it is a very important bias in the research. You should also provide clarity on the exclusion criteria. On the other hand, the recruitment of patients and communication with them by telephone or video call is not an orthodox method and may lead to confusion and bias in your research. The fact that there is no blinding of either participants or evaluators makes the methodology of their work uninteresting to the scientific community and suggests biased interventions and results. To date, there are numerous studies that have carried out the same intervention and have not shown any significant change. Furthermore, the insoles used in the different studies incorporated technology that provided information in real time and different variables that demonstrate that the use of these orthoses is not beneficial for the runner. Furthermore, they should note that there are two trends, maximalist (insoles) and minimalist (tendency to run barefoot), therefore, they are only studying a part of the runners. It also seems to me that the variables they study in their research are insufficient and that the data provided are not very valid. Finally, the first reference should be modified. Thus, my opinion is that they should improve the initial methodology of their study in order to be able to translate it into a manuscript. Best



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

regards.