

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Orthopedics*

**Manuscript NO:** 82615

**Title:** Effectiveness of platelet-rich plasma in the treatment of achilles tendon disease

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 03597656

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Iran

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-12-24

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-12-25 05:13

**Reviewer performed review:** 2023-01-03 05:28

**Review time:** 9 Days

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 Grade E: Do not publish
Novelty of this manuscript	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

1. In abstract, 'A comprehensive literature search was conducted in Cochrane, PubMed, Medline, Embase, Cochrane Library, Web of Science, China Biomedical CD-ROM and Chinese scientific and technical journal databases' what is the difference between Cochrane and Cochrane Library? Also PubMed and Medline? 1. In abstract, the period for the systematic search should be mentioned. 2. In abstract, 'AT at 6 weeks [WMD=1.92, 95% CI (-0.54, 4.38), I2 =34%], March [WMD=0.20, 95% CI (-2.65, 3.05), I2 =60%], and 6 months, what was the intention of the authors from March? 3. In abstract, 'There was no significant difference between PRP-treated Achilles tendon rupture at 3 months [WMD=-1.49, 95% CI (-5.24, 2.25), I2 =0%], 6 months [WMD=-0.24, 95% CI (-3.80, 3.32), I2 =0%], and 12 months [WMD=-2.02, 95% CI (-5.34, 1.29), I2 =87%] after There was no significant difference in VISA-A scores between the PRP and control groups., this part needs edition. 4. Also; 'There was no significant difference in Heel lift height between the PRP group and the control group after 6 months [WMD=-3.96, 95% CI (-8.61, 0.69), I2 =0%] and 12 months [WMD=-1.66, 95% CI (-11.15, 7.83), I2 =0%] of treatment.' needs edition too. 5. In Study design, the following information should be added: 1)

dose the current systematic review and meta-analysis is reported in accordance with the PRISMA (Preferred Reporting Items for Systematic Review and Meta-Analyses) statement?, 2) dose this systematic review is registered with the International Prospective Register of Systematic Reviews (PROSPERO)? 6. Does the eligibility criteria for the present systematic review and meta-analysis followed the PICO's question? In Quality evaluation of the included studies, 'Studies with a total score of 1-3 were considered low-quality, and those with a total score of 4-7 were considered high-quality. Those with a score of  $\geq 3$  were included in this study.' Needs reference citation and please add the following references: (10.1002/jmv.28325) and (10.1002/jmv.28298) and (10.1093/ptj/pzab144). 7. In statistical analysis, 'Risk difference (RD) or Odds ratio (OR) were used to describe the data; for measure data (e.g. VISA-A score, VAS score, ankle mobility, etc.) Weighted mean difference (WMD) was used to describe the data. Weighted mean difference (WMD) was used for measures (e.g. VISA-A score, VAS score, ankle mobility, etc.)' this part needs edition. And also please add the following references: (10.1016/j.physio.2021.04.005).

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**Reviewer's code:** 05238706

**Position:** Peer Reviewer

**Academic degree:** MSc, MSN

**Professional title:** MSN, Statistician, Teacher, Technician

**Reviewer's Country/Territory:** Iran

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-12-24

**Reviewer chosen by:** Geng-Long Liu

**Reviewer accepted review:** 2023-03-17 14:17

**Reviewer performed review:** 2023-03-17 14:17

**Review time:** 1 Hour

Scientific quality	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Very good <input type="radio"/> Grade C: Good <input type="radio"/> Grade D: Fair <input type="radio"/> Grade E: Do not publish
Novelty of this manuscript	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Good <input type="radio"/> Grade C: Fair <input type="radio"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Good <input type="radio"/> Grade C: Fair <input type="radio"/> Grade D: No creativity or innovation



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<b>Scientific significance of the conclusion in this manuscript</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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

accept

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** *World Journal of Orthopedics*

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**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Iran

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-12-24

**Reviewer chosen by:** Xiao-Fang Liu

**Reviewer accepted review:** 2023-04-06 09:37

**Reviewer performed review:** 2023-04-06 09:42

**Review time:** 1 Hour

<b>Scientific quality</b>	[ <input checked="" type="radio"/> ] Grade A: Excellent [ <input type="radio"/> ] Grade B: Very good [ <input type="radio"/> ] Grade C: Good [ <input type="radio"/> ] Grade D: Fair [ <input type="radio"/> ] Grade E: Do not publish
<b>Language quality</b>	[ <input checked="" type="radio"/> ] Grade A: Priority publishing [ <input type="radio"/> ] Grade B: Minor language polishing [ <input type="radio"/> ] Grade C: A great deal of language polishing [ <input type="radio"/> ] Grade D: Rejection
<b>Conclusion</b>	[ <input checked="" type="radio"/> ] Accept (High priority) [ <input type="radio"/> ] Accept (General priority) [ <input type="radio"/> ] Minor revision [ <input type="radio"/> ] Major revision [ <input type="radio"/> ] Rejection
<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No



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#### **SPECIFIC COMMENTS TO AUTHORS**

None