

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 78892

**Title:** Extracorporeal shock wave for plantar flexor spasticity in spinal cord injury: A case report and review of literature

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

**Peer-review model:** Single blind

**Reviewer's code:** 04909782

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor

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

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

**Manuscript submission date:** 2022-07-21

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-07-26 09:27

**Reviewer performed review:** 2022-07-26 09:29

**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 ] Grade E: Do not publish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 type="radio"/> ] Accept (High priority) [ <input checked="" type="radio"/> ] Accept (General priority) [ <input type="radio"/> ] Minor revision [ <input type="radio"/> ] Major revision [ <input type="radio"/> ] Rejection
<b>Re-review</b>	[ <input checked="" type="radio"/> ] Yes [ <input type="radio"/> ] No



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

Excellent and very well-written case report. I suggest direct acceptance.

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

**Peer-review model:** Single blind

**Reviewer's code:** 05247020

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2022-07-21

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**Reviewer performed review:** 2022-07-30 09:17

**Review time:** 1 Day and 23 Hours

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 type="checkbox"/> Yes <input checked="" 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
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## SPECIFIC COMMENTS TO AUTHORS

The authors submitted a manuscript investigating the effect of radial extracorporeal shock wave therapy (rESWT) on plantar flexor spasticity in a patient with incomplete spinal cord injury. ESWT is among the conservative treatments for Achilles tendinopathy. Unfortunately, no optimal application parameters have been determined that would ensure ESWT effectiveness in this condition. The ideas of this manuscript are not much new to the study of ESWT on plantar flexor spasticity. ESWT is safe and efficacious for the treatment of poststroke plantar-flexor muscles spasticity, reducing muscle tone and improving passive ankle dorsiflexion motion. However, in this manuscript, the authors did nothing more than apply ESWT to a patient with incomplete spinal cord injury. Unless the authors can state clearly the difference between plantar flexor spasticity in patients with spinal cord injury and that in other patients, this manuscript is of little value as a case report. The English needs to be improved to a certain extent. There are some errors in grammar and format in the whole manuscript: inconsistencies; single and plural expressions; the use of prepositions and definite/indefinite articles; punctuation.

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

**Peer-review model:** Single blind

**Reviewer's code:** 05221155

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**Academic degree:** MD, PhD

**Professional title:** Associate Professor, Deputy Director, Director

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

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**Reviewer performed review:** 2022-08-01 00:50

**Review time:** 3 Days and 21 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" 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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<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
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## SPECIFIC COMMENTS TO AUTHORS

Reviewer 1 Comment: The manuscript titled “Radial extracorporeal shock wave therapy for plantar flexor spasticity in a spinal cord injury patient: A case report” written by Natalia Comino Suárez et al is quite interesting. Authors applied rESWT to a new indication of SCI associated spasticity. According to the statements from authors, it can achieve good short-term outcome. However, there still some drawbacks in this report.

1. Please construct a table according to the scales and scores of all evaluation items and results.
2. If this method applying in SCI spasticity is a new indication, please provide the IRB and inform consent.
3. The evidence is not persuasive enough due to the data provided only within one week. Longer period of follow up is essential to advocate the efficacy of rESWT.
4. There are too many interfering factors such as the intensity of rehabilitation, and the detail degree and level of SCI to conduct the conclusion of “rESWT combined with conventional therapy could be effective in improving ankle-passive range of motion and passive resistive force to ankle dorsiflexion in patients with SCI”
5. Or if authors can provide more objective, comparative and in time data, I think it will be more help to achieve acceptance.