



### PEER-REVIEW REPORT

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

**Manuscript NO:** 61852

**Title:** Non-invasive physical therapy as salvage measure for ischemic skin flap: A literature review

**Reviewer's code:** 04050734

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Instructor

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

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

**Manuscript submission date:** 2020-12-21

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2021-01-08 10:55

**Reviewer performed review:** 2021-01-09 11:31

**Review time:** 1 Day

<b>Scientific quality</b>	<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 Grade E: Do not publish
<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 type="checkbox"/> Accept (General priority) <input checked="" 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



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

Effective protecting flaps from necrosis is a crucial clinic issue. The studies were reviewed on the applications of hyperbaric oxygen therapy, electrical stimulation therapy, heat stress pretreatment, phototherapy, and vibration therapy to manage skin flap necrosis. The study is interesting and highly clinical relevant. 1. The author mentions “electrical stimulation has been shown to improve the survival of ischemic flaps through animal (Rat) experiments with the use of EFs with high-frequency and high-intensity currents.” The high frequency and high intensity currents are specified with the help of data. 2. The table describes reported studies of physical therapies for managing ischemic flaps. Reference 13 should be deleted from the table, which does not refer to flaps. 3. “Apoptosis” should be replaced by “Inhibition of apoptosis” in the annotation of Fig. 2.



### PEER-REVIEW REPORT

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

**Manuscript NO:** 61852

**Title:** Non-invasive physical therapy as salvage measure for ischemic skin flap: A literature review

**Reviewer's code:** 03486645

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor, Associate Chief Physician

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

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

**Manuscript submission date:** 2020-12-21

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2021-01-09 14:05

**Reviewer performed review:** 2021-01-12 16:15

**Review time:** 3 Days and 2 Hours

<b>Scientific quality</b>	<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
<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 checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<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 gave a comprehensive review on the non-invasive physical therapy for skin flap necrotic. As the authors introduced most advantages and mechanisms of each approach, they barely point out the disadvantages, limitations and defects of them. I think the authors should argue the other side of these therapy and to be more objective.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

**Manuscript NO:** 61852

**Title:** Non-invasive physical therapy as salvage measure for ischemic skin flap: A literature review

**Reviewer's code:** 04050734

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Instructor

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

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

**Manuscript submission date:** 2020-12-21

**Reviewer chosen by:** Jia-Ru Fan

**Reviewer accepted review:** 2021-01-27 01:00

**Reviewer performed review:** 2021-01-27 09:41

**Review time:** 8 Hours

<b>Scientific quality</b>	<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
<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>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



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good job