

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Critical Care Medicine*

**Manuscript NO:** 61774

**Title:** Epidemiology of electrical burns and its impact on quality of life - the developing world scenario

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

**Peer-review model:** Single blind

**Reviewer's code:** 05911680

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2021-03-23

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2021-03-27 12:51

**Reviewer performed review:** 2021-03-27 14:20

**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 Grade E: Do not publish
Language quality	<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
Conclusion	<input type="radio"/> Accept (High priority) <input type="radio"/> Accept (General priority) <input checked="" type="radio"/> Minor revision <input type="radio"/> Major revision <input type="radio"/> Rejection
Re-review	<input checked="" type="radio"/> Yes <input type="radio"/> 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

The authors describe the epidemiological characteristics of their institution regarding electrical burns and applied a standardized brief version of burn specific health scale to assess quality of life. I personally enjoyed reading the paper, it was easy, logical and coherently organized. The title reflects the main subject of the manuscript, however I believed it could be shortened. The abstract is adequate and emphasizes the goal of the manuscript. The application of a health scale to measure the outcomes that matter to the patients after an intervention or pathology strengthens the importance of the manuscript. The methods were described in adequate detail. The paper achieved the objectives. The manuscript interpret the findings adequately and allows to analyze the implications of the results in terms of the need to create policies to regulate or promote prevention campaigns in order to decrease the electrical burns mostly in the laboral area. The manuscript has a good presentation quality. The manuscript meet the requirements of ethics. I would like to ask the authors to complement the paper if possible with the following information: 1. Were there any additional complications ? It is very common in patients with electrical burns because of the progressive damage to underwent late tendon or nervous ruptures that requiere additional surgical procedures. Did the authors notice those situations? 2. I understand the authors applied the gold standard of early debridement and coverage, but in patients in whom the clinical scenario was not adequate for early reconstructive procedure because of infection, what was the management in those cases? 3. I believe the authors could complete the paper with more images or pictures in which they show the different degrees of electrical burns they treated within the whole spectrum (from the minor to the most severe)