

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 67319

Title: Is burnout a mediating factor between sharps injury and work-related factors or musculoskeletal pain?

Reviewer's code: 02566952

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Chief Doctor, Senior Researcher, Surgeon

Reviewer's Country/Territory: Romania

Author's Country/Territory: Taiwan

Manuscript submission date: 2021-04-21

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-26 06:36

Reviewer performed review: 2021-04-26 07:04

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 Grade E: Do not publish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 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 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
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



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SPECIFIC COMMENTS TO AUTHORS

A well written good conceived manuscript trying to establish a relationship between injuries and burnout in medical personnel. Several formal comments and suggestions are inserted below Comments In the abstract I suggest the authors insert the type of study that has been performed (observational study? Cohort) Please insert as well in the abstract the modality of performing the study (questionnaire based , cross sectional)

Introduction is well written and appropriate to the topic. In my opinion there is a need to describe and classify more clear what sharp injury means and what are the degrees of disability induced by the injury as this is a consistent confounder for the occurrence of burnout. Have the NMQ and CBI questionnaires been translated and validated in the mother tongue of respective health workers? If so, please mention. It is well known questionnaires assessing quality of life need to be provided in maternal language. It is to be noted that the study has been performed in the context of a pandemic situation which has been and still is more taxing on medical personnel. In my opinion this study needs to be replicated during non pandemic time and the results compared as it will further give insights within regular work conditions and exposure of health care workers. Overall the findings in this study are very well documented and supported by the statistics, comments and discussions are valid offering a scientific support for prevention of both work related injuries as well as of burnout in this category of population.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 67319

Title: Is burnout a mediating factor between sharps injury and work-related factors or musculoskeletal pain?

Reviewer's code: 00058082

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Taiwan

Manuscript submission date: 2021-04-21

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-21 18:23

Reviewer performed review: 2021-04-29 14:46

Review time: 7 Days and 20 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 type="checkbox"/> Yes <input checked="" 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



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SPECIFIC COMMENTS TO AUTHORS

This study evaluated the relationship between burnout, musculoskeletal pain, and sharps injuries (SIs) in medical workers, thorough specific questionnaires. Burnout contributed to SIs occurrence; in particular, it mediated the relationship between SIs and frequent musculoskeletal pain, overtime work, and irregular shift work. The topic is of notable importance, the study is well conducted and the results are novel. The paper well written. I have the following comments: -In the Introduction, the authors report that «]. Musculoskeletal (MS) in the lower back, shoulders, and neck is most commonly reported[14]. In addition, the anatomical sites of and the risk factors for MS pain differ depending on the occupational group[15]. » Myofascial pain syndromes from trigger points are among the main causes of musculoskeletal pain due to traumatic/microtraumatic events (often secondary to occupational postures/attitudes/activities). These conditions should be quoted (e.g., Myofascial pain syndromes: clinical and pathophysiological aspects. Clin J Pain. 1991;7 Suppl 1:S16-22.) -There are many Tables, often too charged and difficult to read. It would be of help to the reader if at least some of these could be transformed into Figures.