

I have reviewed the Peer-Review Report, the full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Clinical Cases, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors. Before final acceptance, the **author(s) must provide the English Language Certificate issued by the English language editing company, not a invoice.**

### ***Response***

Yes, we have provided the English Language Certificate issued by the English language editing company as a pdf film.

1 Scientific quality: The manuscript describes an Observational Study of Associations of Overtime Work and Obesity with Needle Stick and Sharps Injuries in Medical Practice. The topic is within the scope of the WJCC. (1) Classification: Grade B; (2) Summary of the Peer-Review Report: The study is logically built, contains novelty and the results may attract attention of wide spectrum of the readers. The questions raised by the reviewers should be answered; (3) Format: There are 5 tables; (4) References: A total of 36 references are cited, including 1 references published in the last 3 years; (5) Self-cited references: There are no self-cited references; and (6) References recommendations: The authors have the right to refuse to cite improper references recommended by the peer reviewer(s), especially references published by the peer reviewer(s) him/herself (themselves). If the authors find the peer reviewer(s) request for the authors to cite improper references published by him/herself (themselves), please send the peer reviewer's ID number to editorialoffice@wjgnet.com. The Editorial Office will close and remove the peer reviewer from the F6Publishing system immediately. 2 Language evaluation: Classification: Grade A. A language editing certificate issued by Editideas was provided. 3 Academic norms and rules: The authors provided the Biostatistics Review Certificate, the Institutional Review Board Approval Form. Written informed consent was waived. No academic misconduct was found in the Bing search. 4

Supplementary comments: This is an unsolicited manuscript. No financial support was obtained for the study. The topic has not previously been published in the WJCC. 5 Issues raised: (1) **The "Author Contributions" section is missing. Please provide the author contributions; And (2) Please add the "Core Tip" section after the "Abstract"**. 6 Re-Review: Not required. 7 Recommendation: Conditional acceptance.

### ***Response***

Yes, we have provided the "Author Contributions" section and the "Core Tip" section.

### Reviewer's comment

Dear authors!

I read with interest and pleasure your paper "Associations of Overtime Work and Obesity with Needle Stick and Sharps Injuries in Medical Practice", which is a single-centre cohort trial that encompasses factors influencing needle and sharp injuries in health-care professionals in the tertiary medical centre. The study is logically built, contains novelty and the results may attract attention of wide spectrum of the readers. I have only a few minor comments.

### ***Comment 1***

On the first, being at work and performing procedures are different things (I can imagine the situation when one have a heap of paperwork, in contrast to another, who performs the procedures, although both are having overtime work). I would suggest adding a piece to the discussion section, that association between the number of the procedures performed and the risk of the injury was not studied.

Another limitation that requires to be reflected in the discussion is that medical speciality (of the doctor, as well as the facility where a nurse works) was not taken into the account. This may significantly affect the results, as the risk of injury is a-priori lower in therapists then in surgeons. Moreover, risk of NSI may differ depending on the surgical speciality also. This may be reflected in the inclusion/exclusion criteria, if you find it possible.

### **Response 1**

Thanks to the reviewer for their suggestions and advice, the following paragraphs will be added to the **Discussion** and marked with fluorescent light. "Moreover, other parameters, such as examination and treatment methods among different medical professions, NSI occurrence in internal medicine and surgical staff, care or treatment frequency for patients, burnout level, work stress, and willingness to report occupational injuries, were not considered in this study."

### **Comment 2**

Please, explain whether all the personnel was accounted for the analysis (for example, whether part-timers were enrolled, or full-time workers only).

### **Response 2**

Thanks to the reviewer for their suggestions and advice, the "full-time" words will be added to "Materials and Methods" and marked with fluorescent light. "This cross-sectional study used data regarding **full-time** doctors, nurses,...."

### **Comment 3**

Please, provide the reference for The Guidelines of Nursing Clinical Ladder System Program in Hospital as it may differ depending on the country.

### **Response 3**

Thanks to the reviewer for their suggestions and advice. The reference for The Guidelines of Nursing Clinical Ladder System had be added to Reference [20]. Reference

[20] Y. C. Yin, H. Y. Tzou, S. R. Chang, Z. M. Koo. The Report of Clinical Ladder System for Nurses Program in Hospital. *The Journal of Nursing*. 1999;46(6):5-8.

### **Comment 4**

Please, pay attention, that it would be rather more correct to use "people with obesity" then "obese", due to ethical reasons and as the obesity is considered nowadays a health problem.

### **Response 4**

Thanks to the reviewers for their suggestions and advice. "obese people" had be modified to "people with obesity" and was marked with

fluorescent light. "people with obesity are more likely to use their poorer muscle...."

***Comment 5***

The aim of the study should be mentioned in the body of the manuscript, not at the abstract section only - please, revise.

***Response 5***

Thanks to the reviewers for their suggestions and advice. We will add a paragraph (marked with fluorescent light) at the end of "INTRODUCTION" to express the research aim. "This study aimed to investigate whether overtime work and obesity increase the risk of NSIs. This study also aimed to provide insights into the development of more effective prevention plans for NSIs."

***Comment 6***

The format of the table requires correction: please, delete highlighting with the color.

***Response 6***

Thanks to the reviewers for their suggestions and advice. We have deleted highlighting with the color.

***Comment 7***

please, add the explanation of the abbreviations used in the tables, to their footnotes.

***Response 7***

All the explanations of the abbreviations have been added to footnotes and are marked with fluorescent light.

***Comment 8***

Please, check whether the page margins are within the Journal Recommendations for Manuscript Preparation.

***Response 8***

Yes, we have checked the page margins are within the Journal Recommendations for Manuscript Preparation.