Reviewer's report

Title: Factors and symptoms associated with work stress and health-promoting lifestyles among hospital medical staff: a cross-sectional study

Version: 1 Date: 17 December 2011

Reviewer: Milan Milosevic

Reviewer's report:

Major Compulsory Revisions

1. Although there were high response rate (72.5%) among all participants, it should be assessed due to their occupation/position: eg. it is generally known that physicians have very low response in every used questionnaire compared to nurses or lab technicians. This is important, because physicians represent crucial part among health care workers, and in investigated sample only 35 (4.5%) was included. It is needed to describe why there are such a low number of physicians to see are there any biases in the study (maybe some questions or approach were not appropriate).

2. Limitations are not clearly stated - it should be written at the end of Discussion chapter. One of limitations (I already mention the low number of physicians) is cross-sectional type of study and use of this data to assess odds ratios in logistic regression. Cross sectional study is not relevant for that - only prospective studies can be used to assess risks.

3. There are 16 references used for all citations - and only one from 2011 (Cheng Y et all). Literature should be reviewed and authors should include more recent publications.

4. Does "manuscript editing and article review" (doesn't describe what kind of review - eg. critical, statistical, language?) qualify contributor to be on authors list?

Minor Essential Revisions

Please state median (interquartile range) for quantitative variables that not follow normal distribution. If percentage is mentioned in the text, please state absolute number relevant to this percentage eg. 98 (78%)

Linear regression model is parametric statistical method so every variable included in the model must have normal distribution. This is not clear from the presented data.

Level of interest: An article of importance in its field

Quality of written English: Acceptable
**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

I declare that I have no competing interests.