Reviewer’s report

Title: The characteristics and related factors of nonfatal injuries among the adolescents and college students in Shenzhen city of China

Version: 4 Date: 27 October 2012

Reviewer: Davoud Khorasani-Zavareh

Reviewer’s report:

Major Compulsory Revisions due to statistical check by statistission and revision in interpretation.

Thanks for authors interest to conduct this study. This is an interesting manuscript and could be useful in relation to injury characteristics among adolescence and may be useful for injury prevention and safety promotion. However there are several points that need to clarify before any decision.

Introduction

Most part of the second paragraph in the introduction section belongs to the method section and it should move there.

I recommend a revision in your aim, since all you provide now are research questions rather than your aim in the last paragraph of introduction section.

The first sentence of the method belongs to ethical consideration rather than participants and sample size. I suggest moving it at the end of method section.

Please try to clarify your study area, study population and more information about self administrated questionnaire, validation and its reliability.

Focusing on unsafe cycling why you don’t have questions concerning helmet use, using lighting for bicycle as well as reflector for both bicycle and rider, while at least they are important measuring in safe cycling? Please kindly clarify this point.

In the survey section section, please clarify “Guangdong Provincial Children’s Health Behavior Survey”.

For definition of the Overweight why you didn’t use overweight as it clearly defined in BMI formula. You tried to have an agreement from Working Group for Obesity task.

It is not clear if you try to have incidence of prevalence of the injury. please clarify it in more detail, as they have different point in the abstract and in your statistical analysis.
Result
Please clarify your response rate and instead of the number, use percent that have more sense.
What is PE course and what did you do for recall bias, since around one year past from the injury occurrence and it can affect the real information, based on WHO recommendation for injury and its recall bias.
According to your findings sexual behaviors had 23.83%, while unsafe cycling has resulted 20.20% injury. Personally I couldn’t get what is the association, while it seems that unsafe cycling should resulted more injury rather that sexual behavior. Please discussed it in more detail in the discussion section.
Again, please use percent in “The characteristics of injuries sub heading which will have more sense”.
How was “The remaining injuries occurred in other places, including the roads, stations, supermarkets and so on”.
Discussion section
In the first paragraph of the discussion section you still talk about the incidence while your results say about the prevalence. It is vice versa and please clarify it and use the same terminology in your whole manuscript.
The first paragraph of the discussion is more likely repetition of the result. Please kindly revise it and try to be more abstract on your discussion.
While you don’t have any information in your result section concerning the pattern of sleep, however a huge part of your second paragraph in the discussion related to the pattern of sleep among your subject. I do recommend to revise it.
Moreover, most part of important section such as alcohol behavior and physical fighting as well as unsafe cycling was leave in your discussion section.
This is very interesting that while “The primary causes of injuries in the present study are falls” and you need to clarify it with more detail description.
As you raised, your study suffer from recall bias and needs to of which what did you do with it?
Please try to clarify what is new in your study and what is the contribution of your study compare to the other studies and how this finding can help other setting for injury prevention?