Author's response to reviews

Title: Pediatric First Aid Knowledge and Attitudes among Staff in the Preschools of Shanghai, China

Authors:

Feng Li (lifeng0228@163.com)
Fan Jiang (fanjiang@shsmu.edu.cn)
Ming xing Jin (zhujing7@msn.cn)
Lan yu Qiu (qiuiuyulan@hotmail.com)
Ming xiao Shen (xmshen@online.sh.cn)

Version: 3 Date: 19 June 2012

Author's response to reviews: see over
Dear editors:

Thank you for your efforts in reviewing our manuscript entitled *Pediatric First Aid Knowledge and Attitudes among Pre-school teachers in Shanghai, China* (Manuscript No: 9560118556637003). We truly appreciate the reviewers' in-depth criticism and constructive comments. We have tried our best to rewrite the manuscript and received editing assistance. We are grateful for these valuable comments and feel that after incorporating the reviewers’ advice, the revised manuscript has been significantly strengthened. A detailed point-by-point response to reviewers’ comments is attached.

Thank you for your time and effort. We look forward to hearing your decision.

Sincerely yours,

**Replies to Reviewers**

We are very grateful to the two reviewers' comments for the manuscript. According with their advice, we amended the relevant section in the manuscript. Some of their questions were answered (in blue) below. We will answer the questions one by one.

**Answers to Reviewer #1:**

1) The introduction is quite long, it should be reduced considerably. The sentence "Using data from the present study, a comprehensive campaign was planned for Shanghai" should not be part of objective of the study. It may be part of discussion.

*We have reduced the introduction. We have added the sentence "Using data from the present study, a comprehensive campaign was planned for Shanghai" in part of discussion.*

2) Kindly mention the method to calculate sample size of 1282. Was any criterion for exclusion used?

*There was not any criterion for exclusion used. We chose the sample size of 1282 because we would give them first-aid training and went on with our study. The selected 1282 teachers would be allocated randomly to three models of training (the interactive training model, the lecture-based training model and the video instruction training model). That is our next study.*

3) Only 1067 volunteers arrived to participate, what happened to rest? What effort was made to include them?

*1067 volunteers arrived to participate, but the rest refused. We telephoned them, but they did not respond to these efforts.*

4) Some detail of questionnaire used should be provided. What were the conditions about those questions were framed? For example, heat stroke.

*Most of questions were framed in different scenarios that a teacher may encounter, including heat stroke. For example, "A heavily dressed, very active child appears confused one summer day. Her skin is hot and dry. Her*
temperature is 106 °F. What should you do?

5) Kindly specify "first-aid training". This may be a major compounding factor of the study.
   We have modified this.

6) Discussion needs modification. The first para of discussion should provide major findings of the study. Afterwards authors should discuss value of the study and weaknesses of the study.
   We have modified discussion according to the kind advice.

7) Discussion should be focused on specific conditions, like bee sting/heat stroke etc.
   We have modified discussion according to the kind advice.

Answers to Reviewer #2:

We are grateful that the reviewer believes that a paper seeking to provide evidence relating to child injury from China is an appropriate submission. We thank the reviewer for the thorough review and helpful advice. We have carefully considered the reviewer’s comments and advice and have revised our manuscript accordingly.

1) Although comprehensible, the English requires extensive editorial attention preferably by a native speaker, as well as some shortening.
   We have had this paper modified by a native speaker.

Introduction

2) The introduction is rather long, but may be shortened by careful editing. Authors are advised to summary introduction section and mention about only related to main topic.
   We have reduced the introduction. Thanks!

3) In the last paragraph of introduction section, some informations are given about Preschools in Shanghai. The authors provide essential background material on Preschools in Shanghai. It would be more suitable in Materials and methods to give this information.
   We have added the informations in Materials and methods.

Materials and methods

4) The methodology of study should be explained more clearly. The authors state the study population. However, greater detail on outcome estimation is required.
   - It is not clear how the total staff population size determined and how the size 1282 of study population was identified and how the sample was drawn from the total staff population.
   We obtained the total staff population size from the Shanghai Local Education Authority. We chose the sample size
of 1282 because we would also be giving them first-aid training, and then went on with our study. First, we selected the number of staff members in each district or county on the basis of the proportion of staffs of the district or county. Then we used public, private, and other preschool classifications. In the district or county, the number of employees from each kind of preschool was selected according to the proportion of the types possessing in the district or county.

First, we selected the number of staffs in each district or county on the basis of the proportion of staffs in the district or county. Then we used public, private, and other preschool classifications. We have added the proportions of each class in the manuscript.

- It was mentioned about stratified sampling process was used, however it is not clear which kind of classification was used for stratification. Was it used public, private, and other preschool classification? What was the proportion of each class?

- What proportion of individuals invited to take part agreed to participation? Were those who declined to participate different to those who agreed to participate?

1177 subjects agreed to participate in this study. Finally, 1067 of 1282 volunteers participated in this study. This represented a proportion of 90.7%. We did not know the demographics of who declined to participate our study.

Results

5- Due to it is related to sampling, the information related to proportion of types of schools ("Of the total 35,000 preschool employees in Shanghai, 54.2%......") should be given in material method section not in results.

We have added this in material method section. Thanks.

Table 4, presentation

6- In the line 2 and line 4 (for that I should give first aid is unpleasant and it is good for me to learn first aid) total percentage was 100.1. These percentage should be checked again.

We have revised and modified our data in the table 4. Thanks for your careful review.