

Review of: "Road Safety Perceptions and Practices among Undergraduate Medical Students"

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Potential competing interests: No potential competing interests to declare.

REVIEW

Road Safety Perceptions and Practices among Undergraduate Medical Students

by Vandana Valluri, Mary Moses Pidakala, and Nihal Kumar Singh (ESIC Medical College)

General findings:

The selected topic is very interesting and current. Interviewing medical students was a good idea.

For international readers, please explain the following abbreviations: RTA (Road Traffic Accident?) and MBBS (Bachelor of Medicine and Bachelor of Surgery?) at their first occurrences.

It would be good to read about the structure of the Google Forms (questionnaire) used, because e.g., if there is a list of several single line short questions one below the other (and please rate them between 1–5, or decide Yes/No), some people tend to pick an answer and choose it everywhere.

Major problems:

- **Unfortunately, if a survey/questionnaire is not representative, only very limited conclusions can be drawn, and it seems this survey was not representative! The number of students (who answered the questionnaire) was not too high, this is the second problem. Oral interviews, deep interviews, etc. are also missing, this is the third problem.**
- Questionnaire: in many cases there are only Yes/No answer options. It would have been better if several answers could be given, for example: "Do you use zebra crossing to cross roads?" – always, mostly, sometimes, never. Yes/No answers may hide some important information! Perhaps on a side road where there are very few zebras, it is acceptable to just cross. A better question would have been: If you want to cross the road and there is a zebra nearby, would you walk there and use the zebra?
- Recommendations – The described recommendations are valid only for this special medical university and cannot be extended anywhere else because the research was not representative! So, it is possible to say: In this university, the second-year medical students declared this-and-that during the questionnaire, and it is not so good.

Overall opinion: The current version of this paper could be published, but in this case the quality is not too high, and the conclusions are not always valid. The reviewer recommends a major modification.

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