



SDI Review Form 1.6

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	2014_IJTDH_13791
Title of the Manuscript:	Impact of Noise Pollution on Human Cardiovascular System
Type of the Article	Review Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	The " Abstract " has to be divided into subsections (Objectives, Study Design, Place and Duration of study, Sample, Methodology, Results, Conclusions). The " Introduction " has to be more concise. The definition of noise pollution needs to be updated. References of this section have to be upgrade. The " Materials and Methods " section has to be explicitly mentioned in the text. The subsection "Noise pollution and cardiovascular system" needs to be more synthetic, with particular reference to the cardiovascular pathophysiology of the noise. The subsection " The possible mechanism through which the noise affects the cardiovascular system - Stress response" has to be more concise with specific reference to the pathophysiological model of the stress exposed. The odds ratio as a tool for epidemiological statistics was used, but other statistical tests such as Test χ^2 and Student's t-test could be utilized. A declaration of confirmation/replication for data used of previously published articles is necessary.	



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	The “ Results “ section has to be explicitly mentioned in the text. The outcomes presented in the subsections "Noise pollution and cardiovascular system" and " The possible mechanism by which the noise affects the cardiovascular system-Stress response" have to be reported in this paragraph. In the “ Conclusions “ section, the results obtained and commented are not supported and compared with bibliographic references. A comment about the limitations of this study related to confounding factors that influence the final results is absent. Tables and figures are absent. The “ Acknowledgments “ section is absent. In the “ References “ section, the style of the bibliographic list has to be reviewed carefully in accordance with the guidelines for authors.	
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<u>Minor</u> REVISION comments	Various studies by different authors were cited in this article, concerning the correlation between exposure to noise and the cardiovascular system, which have limitations that the authors of this article should signal, for example: - In the study of Gosta et al. 2007 the diet and the number of coffee daily could be included in the risk factors and the working category could be specified; -In the study of Eriksson et al. 2007, the questionnaire could be better argued; - In the study of Eriksson et al. 2010 lifestyle factors could be specified; -In the study of Jarup et al. 2008 health data, socio-economic and lifestyle factors could be specified more accurately; -In the study of Rosenlund et al. 2001, the questionnaire could provide more detailed information on the individual characteristics and the working category could be specified.	
<u>Optional/General</u> comments	This article is an interesting, comprehensive study of environmental and occupational medicine concerning the correlation between noise pollution and cardiovascular system, which expresses a moderate level of scientific analysis and highlights in an exhaustive manner the pathophysiological cardiovascular nature of the chronic exposure to noise. there are ethical issues in this manuscript, because human experiments were performed.	



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Reviewer Details:

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