

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_76636
Title of the Manuscript:	Effect of mental activity on heart rate, heart rate variability and respiratory rate in healthy volunteers
Type of the 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://peerreviewcentral.com/page/manuscript-withdrawal-policy>)

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	<p>Mentioning the name of the digital acquisition device and the HRV analysing software are mandatory. The sampling frequency was not reported. The range of LF and HF were not determined. They are routinely considered as follow: low frequency (LF, 0.04–0.15 Hz), high frequency (HF, 0.15–0.40 Hz) The duration of Mental arithmetic and Silent reading were not clear. They may affect the HRV data. The method for respiratory rate recording was not mentioned. It was by inspection or it was recorded by digital respiratory belt transducer? (model and name of company) The results are difficult for interpretation. How it may be possible that the HR had no effect on HRV indices? The following reference may be helpful in this topic:</p> <p>Gąsior JS, Sacha J, Jeleń PJ, Zieliński J, Przybylski J. Heart Rate and Respiratory Rate Influence on Heart Rate Variability Repeatability: Effects of the Correction for the Prevailing Heart Rate. Front Physiol. 2016 Aug 18;7:356. doi: 10.3389/fphys.2016.00356. PMID: 27588006; PMCID: PMC4988971.</p>	
Minor REVISION comments		
Optional/General comments		

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PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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