



SDI Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_51229
Title of the Manuscript:	Effects of a high dose of vitamin C along with thiamine in critically-ill patients with septic shock: a randomized controlled trial
Type of the Article	Original Research 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>)

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>This is an interesting study however I have some comments:</p> <p>1-How many patients were allocated to each group?</p> <p>2-How many patients in each group need norepinephrine administration?</p> <p>3- Does thiamine interfere with procaltitonin determination? In what direction?</p>	<ol style="list-style-type: none"> 1. Thanks, fifty patients were included to each group. 2. Thanks, because only patients who diagnosed with septic shock included in or study, all patients received vasopressor (norepinephrine) and hydrocortisone. 3. Thanks, thiamine interact with pyruvate dehydrogenase increased lactate clearance via krebs cycle and increase NADPH synthesis. However, several pathways are influenced by vitamin c including ICAM expression, BH4 oxidation, inducible Nitric oxide synthesis, and etc. in addition, hydrocortisone affect inflammatory biomarkers. Altogether, at least in theoretical mechanism of action combination of hydrocortisone, and vitamin C increase vasopressor responsiveness.
Minor REVISION comments		
Optional/General comments	<p>This manuscript should have added to the title :” preliminary results “</p> <p>Due to the small numbers of patients in each group</p>	Thank, it is corrected.



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PART 2:

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