

## Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Medicine and Health</a>
Manuscript Number:	Ms_AJMAH_86568
Title of the Manuscript:	Variation of hemogram parameters of refrigerated therapeutic whole blood at the blood transfusion center of the Douala General Hospital Cameroon.
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:

(<https://www.journalajmah.com/index.php/AJMAH/editorial-policy> )

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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)
<b>Compulsory</b> REVISION comments	<p>The work is scientifically relevant and has the potential to show: What is expected from the title, <b>Variation of hemogram parameters of refrigerated therapeutic whole blood at the blood transfusion center of the Douala General Hospital Cameroon</b></p> <p>However, the following suggestions are made</p>	
<b>Minor</b> REVISION comments	<p><b>TITTLE:</b></p> <ul style="list-style-type: none"> <li>• "Evaluation" in place of "variation" of haemogram parameters in refrigerated therapeutic whole blood at the blood transfusion center of the Douala General Hospital Cameroon"</li> </ul> <p><b>ABSTRACT:</b></p> <ul style="list-style-type: none"> <li>• A brief introduction of the study before the aim. Rewrite the aim of the study to capture the tittle of the study. (This is not the tittle of the study and so its wrong. The aim of this work was to evaluate the stability of hemogram parameters under the influence of cold chain on whole blood bags seronegative from infections transmissible by blood transfusion (ITT).)</li> </ul> <p><b>ABSTRACT METHODOLOGY:</b></p> <ul style="list-style-type: none"> <li>• CPDA represent citrate phosphate dextrose adenine and not citrate phosphate adenine dextrose</li> <li>• ....was collected and 5ml of this blood from each donor was collected directly into a dry tube (for the blood count using URIT 3000 Plus machine) and the rest was stored in a BIOBASE brand refrigerator at a temperature between 2 and 6°. (Statement is not clear. Is it the CPDA you are testing or the blood collected into the CPDA blood bag. Also is the 5ml of blood directly from the donor or from the donor's blood bag.</li> <li>• Temperature, refrigerator opening frequency and blood were collected. While not use the word noted or documented in lieu of collected. Also include the statistical package used and the level of significance set.</li> </ul> <p><b>ABSTRACT CONCLUSION:</b></p> <ul style="list-style-type: none"> <li>• How do you reconcile this result with the concluding statement? Temperature significantly (p&lt;0.05) decrease the rate of leukocytes. While the shelf life and the frequency of opening the refrigerator increased leukocyte significantly with "This study showed that, the decrease in leukocytes, red blood cells and hemoglobin levels was significantly related to either temperature, (please delete either) shelf life and frequency of opening the refrigerator.</li> <li>• Knowledge on this variation could be very useful in the selection of blood donors HOW or do you mean to say selection of refrigerated blood or pint, and the efficiency of transfusion.</li> </ul>	

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	<p><b>MATERIAL AND METHODS:</b></p> <ul style="list-style-type: none"> <li>• poured (used dispensed instead)</li> <li>• Use "of" before the refrigerators</li> <li>• The results were considered significant at <math>p &lt; 0.05</math> NOT <math>p \leq 0.05</math> you need to be specific</li> </ul> <p><b>RESULTS</b></p> <ul style="list-style-type: none"> <li>• Please start with Table 1 with a caption of what its represent</li> <li>• Please Table 1 is needed for the result above.</li> <li>• Delete "The other results are compiled in the following tables".</li> <li>• Table 2 not Table I</li> <li>• Please be specific. Is it blood bag or the pint of blood</li> <li>• Table 3 not Table II A negative correlation coefficient was observed in leucocyte (<math>r = -0.232</math>, <math>p = 0.001</math>), erythrocytes (<math>r = -0.172</math>, <math>p = 0.015</math>), and haemoglobin (<math>r = -0.219</math>, <math>p = 0.002</math>) and not a drop in leukocytes (<math>p=0.001</math>), erythrocytes (<math>p=0.015</math>) and hemoglobin (<math>p=0.002</math>) was observed with the drop in temperature (a negative correlation).</li> <li>• Table 4 not The tables below and it's a correlation table please</li> <li>• Please rewrite the results (using r and p as a correlation table as corrected in table 2 above) for Tables 4 and 5 with the right tittles separately not combined</li> <li>• <b>Table 4 not Table III:</b></li> <li>• <b>Table 5 not Tableau IV</b></li> <li>• Include KEYS at the foot of each table and delete of thanks.</li> </ul> <p><b>DISCUSSION</b></p> <ul style="list-style-type: none"> <li>• This study aimed to evaluate the stability of blood count parameters during storage, (full stop after storage and then begin the next sentence with This study revealed)</li> <li>• delete both its more than two indications</li> <li>• These results are comparable to those of (10) in lieu of Jung-Min Lee and Jin Seok Kang (you need to be consistent using figure in place of authors name) who observed a variation in hemoglobin in dogs delete this[10].</li> <li>• However, delete an increased thrombocytes "was" in place of "is" in the second paragraph</li> <li>• "Urit" write out in capital letters and Quote the corroborator(s) of the last sentence in paragraph 3, the last paragraph.</li> </ul> <p><b>REFERENCES</b></p> <ul style="list-style-type: none"> <li>• should be organized in accordance with the journal rules</li> </ul>	
<p><u>Optional/General</u> comments</p>	<p>This review is interesting and has important implications for the human health. It is proper to be published in the journal after revisions</p>	

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**PART 2:**

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

**Reviewer Details:**

Name:	<b>Akwuebu Susanna Osiro</b>
Department, University & Country	<b>Rivers State University, Nigeria.</b>