### 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:

### Compulsory REVISION comments

1. line 22-32. The first sentence is too long, should be split and reference appropriately. References 1-5 should be split.
2. lines 32-33. "According to the only survey ever conducted (2005), approximately 1.5 million units of blood is required yearly" this statement should be referenced directly.
3. lines 34-35. These various prevalence from different studies should be stated and reference appropriately.
4. Lines 38-39 and 42. Comments on manuscripts.
5. Lines 43-45. Organisms should be italicized.
6. Line 94. Check the highlighted phrase.
7. Line 97. “The highlighted sentence should be strengthened.”
9. Line 119. The highlighted sentence should be strengthened.
10. Lines 124, 131, and 133. References needed.
11. Lines 149 and 151. See manuscript for comments.
12. Lines 158 and 200. See manuscript for comments.

### Minor REVISION comments

"et al" - in the reference should be expunge where not appropriate and authors’ names completed.

### Optional/General comments

The title is suggestive of more than one blood component but in the review, only platelets were actually discussed.

The manuscript as reviewed article lacks details and specifics. Too few articles were reviewed and references were generally poor.

If the above comments are corrected I think the manuscript should be accepted for publication.

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**Reviewer Details:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Igunna, A. Jeremiah</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department, University &amp; Country</td>
<td>Department of Medical Microbiology and Parasitology, University of Port Harcourt Teaching Hospital, Nigeria</td>
</tr>
</tbody>
</table>