

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Medical Principles and Clinical Practice</b>
Manuscript Number:	<b>Ms_AJMPCP_113461</b>
Title of the Manuscript:	<b>Assessment of Blood and Component Preparation Programming under applied programming</b>
Type of the Article	<b>Original Research Article</b>

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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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>1. <b>Yes</b></p> <p>2. <b>Alternative Title "Assessment of Equipment Programming Efficiency for Blood Component Preparation to Enhance Accuracy in Service Settings"</b></p> <p>3. <b>Yes</b></p> <p>4. <b>No, the subsections beginning with 1. introduction, 2. Aim, 3. Objective, 4. Research question- 5. Time period- 6. Study design-7. Population- 8.Outcome measures-PRBC and 9. Sample</b> <b>Comment:</b> These are unnecessary for original article they are just copies from research thesis. <b>Suggestions:</b> focusing on these main sections (Introduction, Methods, Results, Discussion, Conclusion), which can provide a clear and concise presentation of research without including subsections that are unnecessary for original article.</p> <p>5. <b>Yes</b></p> <p>6. <b>No, these references were quite few for original article</b> <b>Suggestions</b> Based on the provided abstract for the original research article, here are some references that could be relevant for supporting the background and objective, methods, and discussion: Murphy MF, Pamphilon DH, Heddle NM, editors. Practical Transfusion Medicine. 4th ed. Chichester, West Sussex, UK: Wiley-Blackwell; 2013. Dzik WH, editor. AABB Technical Manual. 20th ed. Bethesda, MD: AABB Press; 2020. Hillyer CD, Shaz BH, Zimring JC, Abshire TC. Transfusion Medicine and Hemostasis: Clinical and Laboratory Aspects. 3rd ed. Amsterdam, Netherlands: Elsevier Academic Press; 2019. Hoffbrand AV, Moss PAH, Pettit JE. Essential Haematology. 7th ed. Chichester, West Sussex, UK: Wiley-Blackwell; 2015. Kjeldsberg CR, Knight JA, editors. Clinical Enzymology. 2nd ed. Washington, DC: AACC Press; 1996. Butch AW. Specimen collection and processing: sources of biological variation. In: Burtis CA, Ashwood ER, Bruns DE, editors. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 5th ed. St. Louis, MO: Elsevier Saunders; 2012. Klein HG, Anstee DJ. Mollison's Blood Transfusion in Clinical Medicine. 13th ed. Chichester, West Sussex, UK: Wiley-Blackwell; 2014. Hillyer CD, Silberstein LE, Ness PM, Anderson KC, Roback JD. Blood Banking and Transfusion Medicine: Basic Principles and Practice. 2nd ed. Philadelphia, PA: Churchill Livingstone Elsevier; 2007. Harmening DM. Modern Blood Banking &amp; Transfusion Practices. 7th ed. Philadelphia, PA: F.A. Davis Company; 2019.</p> <p>7. <b>The article jargon is simple for an original research publication as this reflects the impact of the journal – stepwise review is crucial.</b></p> <p>8. <b>The research is excellent for an original article sense it deserves more workup making this article brilliant and a model for future research.</b></p> <p>9. <b>Discussion is brief elaboration is required to reflect the importance of this research.</b></p>	

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	<b>10. Blood biosafety consideration is important as well patient safety to be mentioned throughout the article</b>	
<b>Minor</b> REVISION comments  1. Is language/English quality of the article suitable for scholarly communications?	1. Yes	
<b>Optional/General</b> comments	"The author should take their time with patience and caution when publishing this excellent work. The research focuses on a vital issue of blood products, which can have a significant impact, both positive and negative, if not applied appropriately."	

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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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