

Review Form 1.6

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_78777
Title of the Manuscript:	Implications and Considerations for Analysis of Inflammatory Markers in the Red Cell Concentrates of Borderline Diabetic Blood Donors
Type of the Article	Review 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.journaljammr.com/index.php/JAMMR/editorial-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	Since this study perfectly fits to the field of donor variation effect, this Reviewer strongly believes that it would benefit the Manuscript if the authors added a paragraph regarding the current knowledge about how genetic and non-genetic factors of a donor affect the storability and post-transfusion effects of red blood cells (e.g., there are publications focusing on sex, G6PD deficiency, beta-thalassemia minor, obesity etc.).This way the reader will better understand why it is important to study donors of several backgrounds, including this distinct group of T2DM donors.	
Minor REVISION comments	In the first line of the abstract please add "intended" before "for transfusion". In the paragraph entitled "Level of cytokine concentrations", the authors state that it would be better if they measured cytokine levels in RCCs instead of freshly drawn blood. This reviewer believes that the ideal would be to perform a paired analysis in both states, namely before and during storage.	
Optional/General comments	The Manuscript entitled "Implications and Considerations for Analysis of Inflammatory Markers in the Red Cell Concentrates of Borderline Diabetic Blood Donors" focuses on a distinct group of blood donors that has not been particularly studied. It is well written and will be of interest to the readership of this Journal and the general scientific community of blood transfusion and haematology. Nonetheless, the manuscript would benefit from thorough proofreading in terms of syntactic and miss-spelling errors.	

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

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