

Review Form 3

Journal Name:	International Journal of Research and Reports in Hematology
Manuscript Number:	Ms_IJR2H_129826
Title of the Manuscript:	Hemoglobin Phenotype Variants Among Voluntary Blood Donors at Lagos State Blood Transfusion Service.
Type of the Article	

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	<p>1.This manuscript give information about prevalence and distribution of haemoglobin phenotype variants in lagos.</p> <p>2. this study addresses the transfusion safety challenges w.r.t genetic epidemiology in sub-Saharan Africa.</p> <p>3. The study provides a foundation for improving blood donation practices, incorporating genetic counseling into public health strategies, and addressing hemoglobinopathy-related health disparities.</p> <p>4. the research highlights the importance of thorough pre-donation screening and its implications for public health and transfusion medicine.</p>	
Is the title of the article suitable? (If not please suggest an alternative title)	This title was according to manuscript, relevant and descriptive. However, little modification can make it more engaging. title should be modified as Distribution and Public Health Implications of Hemoglobin Phenotype Variants Among Voluntary Blood Donors in Lagos State.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Article was comprehensive, minor changes can make it more precise and impact. Author should add percentages of haemoglobin variants , emphasize on practical implications in terms of genetic counselling, safety of transfusion , recommended actions like enhancement in screening method and policies.	
Is the manuscript scientifically, correct? Please write here.	<p>Scientifically manuscript require minor changes.</p> <p>Heading 2.2 represent the study setting, so heading didn't match the material. Modify the study design and study setting heading. Make headings relevant the to material.</p> <p>Study setting must include the inclusion and exclusion criteria.</p> <p>Ethical consideration must be merge in study design or before the statistical analysis heading.</p> <p>Define the descriptive statistics used in methodology.</p> <p>Figure 1 represent the age and haemoglobin variants but bar graph shows age and count, so figure 1 caption didnt matches the figure, figures legends are missing, axis not defined.</p> <p>Legends are missing from all the figures.</p> <p>Figure captions didn't reflect the figure.</p> <p>All Figures axis needs modifications.</p> <p>Add limitations and strength of study.</p> <p>Add the references appropriately in the discussion, cross-link the references with recent researches appropriately.</p>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	<p>The references are sufficient and include recent studies. However, to strengthen the manuscript, consider adding:</p> <ul style="list-style-type: none"> • Additional literature on the public health implications of hemoglobin variants in transfusion safety. • Studies on the application of advanced diagnostic tools (e.g., molecular methods) for hemoglobinopathies. 	

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Is the language/English quality of the article suitable for scholarly communications?	Some points should rephrase to increase the readability and conciseness	
<u>Optional/General</u> comments		

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>	

Reviewer Details:

Name:	Safia Mehmood Khan
Department, University & Country	National Institute of Blood Disease and Bone Marrow Transplant, Pakistan