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| Book Name: | [Disease and Health: Research Developments](https://www.bookpi.org/bookstore/product/disease-and-health-research-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4820** |
| Title of the Manuscript: | **Risk factors for metabolic syndrome in adult patients with sickle cell anemia in Jazan region, Kingdom of Saudi Arabia** |
| Type of the Article | **BOOK CHAPTER** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Journal of Medical Laboratory and Diagnosis, Vol. 13(2), pp. 8-12, July-December 2023.**

[**https://doi.org/10.5897/JMLD2023.0175**](https://doi.org/10.5897/JMLD2023.0175)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **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.** | **In Saudi Arabia, the prevalence of Sickle Cell Disease has increased from 2% - 7% over the years, hence this manuscript is of importance to address the metabolic syndrome in SCA patients. Understanding the relationship between SCA and metabolic risk factors is important in improving clinical management.**  **The findings can also inform future therapeutic approaches** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title of the article is suitable** |  |
| 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. | **The abstract is comprehensive, consider including the how the results from this manuscript can influence future treatment strategies.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript is scientifically correct with a well structured methodology** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The references are relevant but they are outdated, provide more recent references (2019- 2023). The literature review doesn’t have sufficient reference** |  |
| Is the language/English quality of the article suitable for scholarly communications? | The manuscript is generally well written, but requires extensive editing e.g “The metabolic syndrome is a collection of illnesses that increases a person's chance of developing heart disease, vascular and neurological problems, insulin resistance, and diabetes mellitus”. Correct the “collection of illnesses” to spectrum of diseases”. |  |
| Optional/General comments |  |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Elizabeth Abodunrin, Lead CIty University , Nigeria**