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| Journal Name: | [**International Journal of Biochemistry Research & Review**](https://journalijbcrr.com/index.php/IJBCRR) |
| Manuscript Number: | **Ms\_IJBCRR\_131512** |
| Title of the Manuscript: | **Biochemical Profiles in Hypertensive Patients Attending Adeoyo Teaching Hospital, Ibadan: Insights for Improved Management Strategies.** |
| Type of the Article |  |

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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.** | **This manuscript is especially applicable to the scientific network as it offers critical insights into the biochemical profiles of hypertensive patients in a resource-constrained putting, specially in Nigeria. The observe highlights the metabolic complexities related to hypertension, together with dyslipidemia, impaired glucose law, and adjusted electrolyte stages, which might be vital for growing focused control strategies. The findings underscore the importance of ordinary biochemical monitoring and network-based totally interventions, providing treasured evidence for enhancing high blood pressure care in low- and center-earnings international locations. This research contributes to the global knowledge of hypertension and its associated metabolic disturbances, that is crucial for decreasing the burden of cardiovascular sicknesses worldwide.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The identify, "Biochemical Profiles in Hypertensive Patients Attending Adeoyo Teaching Hospital, Ibadan: Insights for Improved Management Strategies," is suitable because it without a doubt displays the study's recognition on biochemical profiles and their implications for hypertension management. However, if a greater concise title is desired, an alternative may be:**  **"Biochemical Profiles and Metabolic Insights in Hypertensive Patients: Implications for Management in Nigeria."** |  |
| 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 complete and offers a clear overview of the study's objectives, techniques, effects, and conclusions. However, it can advantage from a short mention of the demographic traits of the participants (e.g., age, gender distribution) to provide greater context. Additionally, which include a sentence approximately the scientific implications of the findings (e.g., how the results may want to have an effect on remedy protocols) might enhance the abstract.** |  |
| Is the manuscript scientifically, correct? Please write here. | **The manuscript seems to be scientifically sound. The have a look at design, methodology, and statistical analysis are well-described and suitable for the research query. The results are supplied actually, and the conclusions are supported through the statistics. However, it'd be useful to include a dialogue on potential limitations of the observe, inclusive of the move-sectional design, which limits the ability to infer causality.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are generally sufficient and recent, with many citations from the past five years. However, a few extra references can be covered to reinforce the dialogue on the worldwide burden of high blood pressure and its metabolic implications. For example:   * **Global Burden of Disease Study 2019** (<https://www.thelancet.com/gbd>) for updated global hypertension statistics. * **World Health Organization (WHO) guidelines on hypertension management** ([https://www.who.int](https://www.who.int/)) for recent recommendations on hypertension care. * **Recent reviews on the role of dyslipidemia and glucose metabolism in hypertension** could provide additional context to the findings. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language and English nice of the manuscript are suitable for scholarly communication. The writing is obvious, concise, and freed from fundamental grammatical mistakes. However, minor proofreading for consistency in formatting (e.G., desk headings, abbreviations) might similarly decorate the readability. |  |
| Optional/General comments | Overall, this manuscript is well-written and makes a meaningful contribution to the sector of hypertension research. |  |

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| **PART 2:** | | |
|  | **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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| **Reviewer Details:** | |
| Name: | **Mohammed Malih Radhi** |
| Department, University & Country | **Al-Furat Al-Awsat Technical University, Iraq** |