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| Journal Name: | [**Asian Journal of Research in Medical and Pharmaceutical Sciences**](https://journalajrimps.com/index.php/AJRIMPS) |
| Manuscript Number: | **Ms\_AJRIMPS\_141051** |
| Title of the Manuscript: | **Evaluation of Prostate-Specific Antigen in Relation to Lipid Profile and Atherogenic Indices in Adult Males in Abuja** |
| 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** (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 addresses a clinically significant topic, exploring the play between prostate- specific antigen (PSA), lipid profile, and atherogenic indices in adult males in Abuja, Nigeria. By focusing on an African population, it adds important local data to the global literature, where similar regional evidence is often lacking. The study’s findings on the significant association between LDL-C and elevated PSA levels have impact on enhancing prostate disease risk stratification, in resource-limited settings. Additionally, its highlights on metabolic profiling as a complementary tool to PSA testing could inform broader screening strategies  and public health interventions. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The title is generally suitable and clearly reflects the content of the study.  **Suggested Alternative (optional)**:  “Association Between Prostate-Specific Antigen Levels and Lipid Metabolism in Adult Nigerian Males: A Cross-Sectional Analysis”  This alternative may provide a more specific academic framing, but the current title is acceptable. |  |
| **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.** | **Comprehensiveness**: The abstract concisely summarizes the study’s background, aim, methodology, key findings, and conclusion.  **Suggested Improvements**:  Consider briefly mentioning the number of participants in the abstract to reinforce methodological rigor.  Clarify that atherogenic indices were not predictive but still analyzed to ensure conceptual completeness.  Replace the vague term "may improve prostate risk assessment" with a more precise phrase such as "could serve as adjunctive screening markers." |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Scientific Validity of the Manuscript**  The manuscript is scientifically sound, methodologically appropriate, and statistically well- analyzed.  The cross-sectional design is properly justified for the research objective.  The discussion provides appropriate contextualization with relevant literature and demonstrates awareness of both strengths and limitations.  However, while the inclusion/exclusion criteria are robust, stratified analysis beyond age (e.g., BMI, comorbidities) could add depth in future studies. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **References Adequacy**: The references cited are relevant, generally recent (within the last 10 years), and from reputable journals.  **Suggestions for Additional References**:  Siegel RL, Miller KD, Jemal A. Cancer statistics, 2020. CA Cancer J Clin. 2020 Jan;70(1):7-30. [[PubMed](https://pubmed.ncbi.nlm.nih.gov/31912902)]  Alpert PF. New Evidence for the Benefit of Prostate-specific Antigen Screening: Data From 400,887 Kaiser Permanente Patients. Urology. 2018 Aug;118:119-126. [[PubMed](https://pubmed.ncbi.nlm.nih.gov/29772218)] |  |

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| **Is the language/English quality of the article suitable for scholarly communications?** | The manuscript is well-written, clear, and maintains scholarly tone throughout.  Minor typographical and grammatical improvements are suggested (e.g., "Smaple Size Determination" should be corrected to "Sample Size Determination").  A final proofreading or professional language edit would enhance flow and precision in some sections. |  |
| **Optional/General** comments | This manuscript provides a meaningful contribution to the field of prostate disease research in African settings. Its findings have both scientific and public health relevance, especially regarding LDL-C as a potential marker in prostate screening protocols. With minor  improvements in language and further clarification in the abstract, this work is suitable for publication. |  |

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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)* |  |

**Reviewer details:**

**Indunil Karunarathna, University of Colombo, Sri Lanka**