

Review Form 1.6

Journal Name:	Asian Journal of Research in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_AJRIMPS_87690
Title of the Manuscript:	Pattern of some Sperm Proteins, Anti-oxidants, Testosterone and Prostate-Specific Antigen of Infertile Males with Sperm cells Deformities in Port Harcourt, Rivers State
Type of the Article	Original Research 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.journalajrimps.com/index.php/AJRIMPS/editorial-policy>)

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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	<p>The work is novel and worth sharing with the scientific community as it will fill the gap in existing studies. However, the manuscript required certain mandatory modifications prior to publication.</p> <p>Introduction</p> <ol style="list-style-type: none">1. There are a lot of typos in the manuscript. The typos should be corrected. Also, the grammar needs to be improved.2. For consistency the "cells" in the title of the manuscript should begin with upper case "C".3. Concise (1 or 2 lines) background/introduction should be added at the beginning of the abstract.4. Most of the references are older than 5 years. Please, recent (up to date) references should be used. <p>For References 3-5 check the following manuscripts</p> <p>Recent and up to date references. Please add the following [title, year (DOI) are provided]</p> <ol style="list-style-type: none">a. Dysregulation of mitochondrial sirtuin genes is associated with human male infertility 2021 (10.1111/and.14274)b. Lifestyle causes of male infertility 2018 (10.1016/j.aju.2017.12.004)c. Endocrine Disruptors Acting on Estrogen and Androgen Pathways Cause Reproductive Disorders through Multiple Mechanisms: A Review 2021 (10.3390/ijerph18041464)d. Impact of organochlorine pollutants on semen parameters of infertile men in Pakistan 2021 (10.1016/j.envres.2021.110832) <p>Reference should be added at the end of paragraph two. Please, check Genetic and epigenetic profiling of the infertile male 2019 (10.1371/journal.pone.0214275)</p> <p>Methodology</p> <ol style="list-style-type: none">5. Was the centrifuged liquefied semen used for the semenology? If yes, why centrifuging the semen samples?6. Reference 15 was different from the citation. In the text WHO was mentioned while is Ochei and Kolhatkar 2015 in the bibliography. Please, correct the contradiction. <p>Results</p> <ol style="list-style-type: none">7. Table 1: Why the teratospermic group are statistically similar to other infertile sub-groups? Please, recheck the reference values for the classification.8. Justify the inclusion of Azoo and Oligo groups only and the exclusion of other sub-infertile groups in section 3.2 and 3.3 (i.e table 2 and).9. The naming of the groups should be uniform throughout. For instance, Azoo was used in table 2, full name in table 3 and AZT in table 4 and 5. <p>Discussion</p> <ol style="list-style-type: none">10. Alterations were observed in the parameters studied. The data are in line as well as different from data previously reported by other scientists. Please, mention some probable reasons why your data are different from the existing literature.	
Minor REVISION comments	Reference 11 and 16 should be corrected.	
Optional/General comments		

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

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