

Review Form 1.7

Journal Name:	Journal of Complementary and Alternative Medical Research
Manuscript Number:	Ms_JOCAMR_103344
Title of the Manuscript:	Knowledge, Attitude, and Perception of Nigerians Towards Herbal Contraception: A Questionnaire-Based Study
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.journaljocamr.com/index.php/JOCAMR/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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes,</p> <p>Appropriate</p> <p>Yes</p> <p>Partially, to be modified (See the attachment)</p> <p>Yes</p> <p>Yes, Additional references are hereunder:</p> <p>1. Fertility control and the law in Nigeria – the choices for a new century</p> <p>2. What is the birth control policy in Nigeria</p> <p>3. Is contraception legal in Nigeria</p> <p>4. Household structure and contraceptive use in Nigeria – www.ncbi.nlm.nih.gov</p> <p>5. CCP Advocacy work leads to Nigerial Family Planning Law-www.ccp.jhu.edu</p> <p>6. Womens reproductive rights in Nigerial – www.reproductiverights.org</p> <p>7. National Research Council (US) Working Group on Factors Affecting Contraceptive Use. Factors Affecting Contraceptive Use in Sub-Saharan Africa. Washington (DC): National Academies Press (US); 1993 - https://www.ncbi.nlm.nih.gov/books/NBK236398/?report=printable</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Fair</p>	
<p>Optional/General comments</p>	<p>This Research article titled “Knowledge, Attitude, and Perception of Nigerians Towards Herbal Contraception: A Questionnaire-Based Study” is not comprehensive and missed many important issues that are obligatory on the part of the researcher to mention and answer in the discussions part but it is incomplete in this article.</p> <p>1. Abstract: The Abstract is comprehensive, descriptive, hence needs no correction.</p> <p>2. Aim and Objectives: The author failed to mention any where regarding the aim and objective in the research work; in the absence of aim and objective how the author conclude the research work is a question that arises.</p> <p>Suggestion:</p>	

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	<p>Aim: <i>“Our study did not look at the specific disease areas, neither are there substantial studies in recorded literature in this area. It is therefore of high critical priority to assess the knowledge, attitude and perception of Nigerians about herbal contraceptives (CHs) in order to not only inform evidence based regulatory policies but also to direct efforts towards research and development (R&D) of therapeutics for population control towards natural socio-economic development”.</i> (Page No. 2 lines 22 to 27)</p> <p>Objective:</p> <p>It appears that the objective of the study is,</p> <p><i>“Accessible and cost-effective family planning (fP) programs are needed to boost Nigeria’s economic development”.</i> (Page No. 1 in Introduction para last two lines)</p> <p>3. Introduction:</p> <p>Introduction is fairly good and in line with the study requirements.</p> <p>Observation: No correction is needed.</p> <p>4. Sampling Method and Study Setting:</p> <p>The author mentioned that,</p> <p><i>“To recruit participants in Nigeria, an online survey (Oct 2021 and Nov 2021) was conducted by sharing the link to the Questionnaire on social media platforms using the snow balls sampling technique”.</i></p> <p>4. Observation: The author did not mention how many participants (Male and Female) were contacted online and how the selection was made.</p> <p>This is necessary because in a sampling method (simple sampling or random sampling not mentioned) because <i>“exclusion and inclusion criteria is to be applied for preparing final list of participants, who are in line with the decided parameters of the researcher for his work”.</i></p> <p>However, in the results para the researcher mentions that 1113 participants were recruited-unless the above inclusion and exclusion criteria is not adopted out of the total participants. The researcher cannot come to the figure 1113.</p> <p>There is a sense a sense of male inclusion in decision makingand recommended by families or friends (Page No. 13 last para)</p> <p><i>“There is therefore a need for a mind shift in these individualsoptions in Nigeria.....also shows this trend “ (Page no. last para) and continued in page no. 13</i></p> <p>5. Literature Review:</p> <p>The author did not mention anything about the past literature on the subject and his/her observations are comments. In he research article literature review is necessary.</p> <p>Suggestion:</p> <p>a. The need for population control iscontraceptives among others (Page No. 13 1st para)’</p> <p>b. According to WHO (31), 80% of Africans will rely on.....for their inclusion in the healthcare delivery system (Page No. 13 Para 4)</p>	
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	<p>6. Discussions:</p> <p>In the discussion part the researcher mainly dependent on empirical data, and he succeeded in enlightening the empirical data with the research work. In the discussion part (page no. 12) he mention many points that can be transferred to observation, literature review and results as mentioned below.</p> <p>Observation:</p> <p>a. In the discussion para the researcher mentioned that,</p> <p><i>“While women in Northern Nigeria are unlikely to use contraceptives due to religious beliefs, spousal consent, knowledge of contraceptives and age obstructs to contraception in the South east include lack of knowledge Participation is south west Nigeria”</i> (Page No. 12 1st para in discussion)</p> <p>b. <i>“Several reasons such as hesitancy, lack of interest in the topic and the desire to stay focused on what they believe in could be postulated”</i> (Page No. 12 last para)</p> <p>7. Results:</p> <p>However, some material part from the results para should be transferred to discussions. Hence the author should rearrange the results and discussion paras so that it will give more information.</p> <p>8. Financial Support: The author should declare any financial support from any quarter or on his own.</p> <p>9. Conflict of Interests: Not mentioned</p> <p>10. Ehtical issues: This research involves gathering personal information from the participants which I generally <i>“collected by health and family planning government of Nigeria or their authorized agents for the purpose family planning, birth control and use of contraceptives”</i>.</p> <p>11. Consent: The author should obtain either oral or written consent from the participants because they are parting with their personal information and the researcher should declare that the consent was obtained.</p> <p>Observation:</p> <p>The author mentioned in Sampling method (Page No. 2 Para 2.2 Sampling Method)</p> <p><i>“To recruit participants in Nigeria an online survey (Oct 2021 and Nov 2021) by sharing the link to the questionnaire on social media platforms using the snow ball sampling technique”</i>.</p> <p><i>“Participation was completely consensual, anonymous and voluntary”</i>.</p> <p>On the other hand the researcher mentioned under consent (Page No. 14), <i>“Participation in this survey was completely consensual, voluntary and anonymous”</i></p> <p>Observation:</p> <p>There is no clarity by the researcher regarding the consent either oral or written from the participant. As mentioned by the researcher since it is an online participation <i>“Written Consent is required”</i> because Oral consent is not possible.</p>	
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	<p>12. Legal permission:</p> <p>The author should mention/declare whether the author got any permission/authorization to collect such sensitive information from the respective state/central Nigerian government or the governments authorized bodies who can issue such permission. The reason being without any permission such sensitive information of the people of Nigeria is missued other than research work ledas to</p> <p>a. Going to hands of Quacks _Unqualified medical course who pretends as healthcare professionals nd using the data for unauthorized contraceptives for economic brains.</p> <p>b. Pharmaceutical companiewwho are in the business of contraceptives can make use of this data for their illegal trade activities in marketing unscroupulous contraceptives.</p> <p>13. Disruption of families (Ethical and moral) and disruption of socio economic fabric.</p> <p>Suggestion:</p> <p>The author should declare whether,</p> <p>a. he obtained any permission from any quarter who authosed todo so</p> <p>b. Declaration by the author/researcher to the extent that this information cannot be shared for economic gains or otherwise except for researcher work.</p> <p><i>“The ethical committee of the faculty of basic medical sciences, delta state university, abraha, Nigeria gave an approval for conducting this research”.</i></p> <p>14. Limitations of the Research work: Not mentioned</p> <p>The researcher/author should clearly mention about the limitations of the research work.</p> <p>15. Suggestion: Not mentioned</p> <p>Observation:</p> <p>From the Conclusion Paragraph, the last two lines can be separated and put under suggestion para</p> <p><i>“Herbal Contraceptives awareness campaigns and policy formulations are necessary to ensure its inclusion in the healthcare delivery system.”</i></p> <p>16. Future Study:</p> <p>Not mentioned</p> <p>15. Declaration:</p> <p>The researcher/author should declare that the information/data collected from the participants is purely per academic and research purpose and will not be divulged any purpose other than the researchers own work.</p> <p>16. Conclusion: The author appropriately concluded the article</p>	
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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> Yes, See the attachment	

Reviewer Details:

Name:	C. L. Avadhani
Department, University & Country	Annamalai University, India