

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_72687
Title of the Manuscript:	Involvement of Nutritional Epidemiology in Public Health
Type of the Article	REVIEW

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:

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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)
<u>Compulsory</u> REVISION comments	<p>Abstract</p> <p>The investigation of solving health issues that are linked to the Nutrition-related Diseases that are used by Physicians, Nutritionists, Dietitians as well as other Health Providers and Professionals of Public Health. Sentence incomplete</p> <p>Language- The Literature of the Science of Nutritional Epidemiology starts to occur and develop -Change to past tense</p> <p>The significant difference in Diet with Individuals and community was computed in numerous populations Small letter for Diet and individuals</p> <p>Introductions</p> <p>In the 1990s, the First Edition of “Nutritional Epidemiology” was Published that challenged the connection of the new formulation of study methodologies and start to develop and cover the fields of investigation of new attributes of diet in different communities among the world (Willett, 2012). Grammar</p> <p>The different topics of Methodology about Nutritional Epidemiology were developed greatly in detail and a large number of Cohort studies began to provide data about the relationship between Diet and Disease and focusing on the important methods of analysis, presentation as well as interpretation of the “Nutritional Data” that is known as the “complex Nutritional Data” (Boeing,2013). Very long sentence</p> <p>formulation of the new hypothesis related to Nutrition and Diseases to generate evidence to accept or refuse the current hypothesis and to evaluate the strength of diseases related to the Diet. Something wrong with the sentence/ incomplete</p> <p>WILLETT, 1987 – Willett, 1987</p> <p>The Review aims to represent the role of Nutritional epidemiology in the improvement of the Nutritional status of Public Health in the different countries around the world concerning the Studies that have been done about various diseases that can be healed by diet and limitation of medical consumption. Avoid long sentences The Review, Nutritional, public health should be in small letter</p> <p>The Science of Epidemiology is recognized as the exercise of hypothesis generation which is the study of the distribution related to the “frequency, pattern” and causes with risk factors of the diseases related to the health conditions and places in a particular population that is known as the determinants and determine Natural history of disease within the prognosis of diseases. (Rothman,2012). Very long sentence</p> <p>The Studies of retrospective case-control and past diet of recall bias are other</p>	

	<p>issues that should be considered because it is not like smoking or other screening tests where its exposure can be completely prevented and stopped or started such as individuals Diet, Physical Activity including change in weight which cannot be zero during the lifespan. Long sentence</p> <p>Dietary – small letter d</p> <p>.....is to comprehend and evaluate as well as using the structure of errors through the analysis process and with the capability of using, incomplete sentence</p> <p>The Nutritional Epidemiologist can get the biological Markers from specimens of blood, hair, and Urine – small letter</p> <p>The Biomarkers have been developed for the validation of the Techniques – small letter</p> <p>.... better characteristics of Nourishment – small letter</p> <p>FDA, AHA -write the abbreviations fully</p> <p>In the Randomized Controlled Trials studies that conducted with the endpoint of diseases is recognized as the most strength scales approaching the Cohort Studies that is one step below the Randomized Controlled Trials, during missing of the large quantities in RCT with the endpoint diseases the Cohort studies are considered in authenticating of Nutritional Claim as well as establishing and Developing Policy with the collaboration with Smaller RCT and halfway endpoint diseases (Satija et al., 2015). Language improvement and very long sentence</p> <p>In most cases, the “ Prospective Cohort Studies” has been used widely as evidence by the Committee of Dietary Guideline Recommendation in developing Policy, however, in the case of RCT Studies, the evidence is used to evaluate and assess the relationship between specific Dietary issues and risk of Chronic Diseases that lead to the foundation and developing of the Dietary Recommendations for the population in developed and undeveloped countries in which a factor of improving Public Health (Spahn et al., 2011). Avoid very long sentences</p> <p>Outlining and representing the accomplishments of Nutritional Epidemiology studies with evidence in diseases and its contribution to improving health. The effect of lifestyle and diet, especially the intake of vegetable-based meals with restriction of meat, fat, sugar and its impact on population health, including Intervention Studies (Willett, 2015). Incomplete sentence/needs some language correction.</p> <p>Based upon the data in the report of “WCRF” in 2017 that more cohort studies are mentioned, with evidence of the possible relation between higher consumption of vegetables and lower risk factors of specific types of cancer such as Stomach, Esophagus, Larynx, pharynx, and mouth. Language correction</p>	
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	<p>Stomach, Esophagus, Larynx – small letters</p> <p>The evidence and health instructions change over time regarding community health and the researchers work on it and still, there is an area for research to have a clear message for public health and to prevent the risk of cancer and improve overall health - language revision</p> <p>Many kinds of research have been studied about the risks of Dietary Fat intake and its association with the risks of breast cancer, still has been debatable subject, in recent studies, Nutritional Epidemiologists have the role and contribution to have some outcomes about this association (Cho et al., 2015). Write simple sentences</p> <p>Regarding the studies that have been done by the Health professionals as well as from Nurses..... – health professionals and nurses</p> <p>Following the cohort study that has been done for 8 years, 90,000 women and more and have been followed up, with developed 714 incident cases of invasive breast cancer. The cases from highest have been compared with the lowest of the equal 5 groups of dietary fat intake had a boundary increased risk of Breast Cancer. The intake of Dietary fat of red meat and Dairy products including both unsaturated and saturated fat intake is a higher risk of Breast cancer (Cho et al., 2015).</p> <p>Moreover, about the data of cohort study that has been done by the European Prospective Investigation into Cancer and Nutrition “EPIC”, 320,000 females have been followed for about 9 years with nearly 7000 cases of developed cancer, an association between high saturated dietary fat intake and higher risk of breast cancer was realized but no association with the other Dietary Fat intake (Sieri et al., 2018). Language revision</p> <p>Obesity is a common and epidemic Diseases in the world, most Obesity – small letters</p> <p>The studies found that the Schools are not providing the recommended amount of Nutrients and indicate the studies with references</p> <p>High School and Secondary School – small letters</p> <p>The Studies identified that by making some plans in improving the environment of the school and setting stronger policies to improve School food and increasing intensity of Physical Activities in the Curriculum of the Study plans Indicate which studies and small letters for studies, School, physical activities, curriculum</p> <p>Plant-based foods – small letter</p> <p>lifestyle and Physical activities- small letter</p> <p>In the 1980s - 1990s, epidemiological studies of Nutrition begin to inspect the relationship between diet and diseases, then planned dietary questionnaires</p>	
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	<p>developed such as the Food Frequency Questionnaire (FFQ) and has been sent in the form of paper about “48000 topics” to large cohorts and realized as a cost-effective way for personal assessment use (Schatzkin et al., 2001)- language improvement. Also simplify the sentence</p> <p>to determine the correlation intake of the nutrients that produced a considerable over evaluation with true and usual intake as well as under evaluation, the influence of Nutritional assessment measurement of errors on analysis, plan, and interpretation of Nutritional epidemiologic studies had a greater impact than earlier estimation, Nutritional epidemiology determined that it gives a greater structure of Nutritional measurement errors and the studies of Nutritional epidemiology should be interpreted carefully (Kipnis et al., 2001). Evert sentence should start with a capital letter. Sentence long</p> <p>Lifestyle is the most important factor in the prevention of the most diseases or close to the elimination of the most health issues related to nutrient deficiency. Nutritionists and health professionals skipped some questions to answer regarding the area of the study. Scientists in the field of medical technology were unsuccessful to control and influence the prevention of chronic diseases. Chronic diseases became epidemic diseases and big health issues that have been solved by medicine by Medicare in 1965. The increase in price is directed to a rise in the outcomes of healthcare and attempts to control the costs of medicine (Hoffman,2018). Put more references</p> <p>Its statistically important independent relationship seems to need to be accessed, with only a 20 percent percentage change in hazard. The predictable or growing exponentially statistically relevant pattern helps to strengthen the viewpoint in favor of new guidelines (Potischman and Weed 1999). Language revision</p> <p>Based on the Nutritional epidemiology and clinical studies that provided evidence about the relationship between Nut’s intake and reduce risks of CVD. Incomplete sentence</p> <p>In the 1980s - 1990s, epidemiological studies of Nutrition begin to inspect the relationship between diet and diseases, then planned dietary questionnaires developed such as the Food Frequency Questionnaire (FFQ) and has been sent in the form of paper about “48000 topics” to large cohorts and realized as a cost-effective way for personal assessment use (Schatzkin et al., 2001). Long sentence</p>	
Minor REVISION comments		
Optional/General comments	<ul style="list-style-type: none">• Paper needs language revision.• The author should avoid writing long sentences• More references needed	

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PART 2:

	<u>Reviewer's comment</u>	<u>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)</u>
<u>Are there ethical issues in this manuscript?</u>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

Reviewer Details:

<u>Name:</u>	<i>Brian Nyathi</i>
<u>Department, University & Country</u>	<i>University Of South Africa, South Africa</i>