

Dear Editor,

We are grateful for the comments of the reviewers. All required changes have been implemented and highlighted in red. Where possible

Reviewer 1

1. "Since these period, studies have continued", --> "Since this period, studies have continued". **It has been corrected**

1.2. "heuristic approach to understanding schizophrenia phenomenology and response to management" ---> "heuristic approach to understanding the symptomatology of schizophrenia and response to management". Phenomenology can confound readers acquainted with Jaspers' terminology. **It has been corrected**

1.2.1. "is higher in schizophrenics compared to the general population" ---> "is higher in patients with schizophrenia compared to the general population", it is more politically correct. **This has been corrected throughout the manuscript**

"that are characterized by the elevation" ---> "that are characterised by the elevation", you wrote in beautiful British English, why turn it to American? **This has been corrected throughout the manuscript**

Further on, "have also been recognized" ---> "have also been recognised", same reason. **This has also been corrected throughout the manuscript**

A bit further, "a higher incidence of metabolic syndrome in schizophrenics compared to the general population; this has been attributed in part to poor eating habits and possibly side-effects of pharmacotherapy". ---> "a higher incidence of metabolic syndrome in patients with schizophrenia compared to the general population; this has been attributed in part to poor eating habits, to genetic factors, and possible side-effects of pharmacotherapy". Change schizophrenics into patients with schizophrenia throughout the entire text. **This has been corrected throughout the manuscript**

1.2.1.1. "dopamine, norepinephrine, serotonin" ---> "dopamine, noradrenaline, serotonin". **This has been corrected**

"during early phases of brain developmental" --> "during early phases of brain development". **This has been corrected**

2.0 "While the DASH diet which was designed by National Institute of Health funded researchers in the 1990s to aid in the prevention and treatment of high blood pressure, and has also become effective in lowering blood cholesterol levels." ---> "While the DASH diet which was designed by National Institute of Health funded researchers in the 1990s to aid in the prevention and treatment of high blood pressure, it was also shown to be effective in lowering blood cholesterol levels." **This has been corrected**

Reviewer 2

1.2.1.1 Mechanisms through which nutrition and nutritional factors influence schizophrenia pathophysiology **A figure has been included to illustrate the possible mechanisms through which nutrition and/or nutritional factors could impact schizophrenia**

2.2 nutritional supplements as therapeutic targets or adjuncts in schizophrenia are not well discussed combined with references and should make large modifications. **We have tried to discuss currently available studies. Being an emerging field, there is still a dearth of scientific information on the possible impact of nutrition and nutritional factors on schizophrenia therapy**

3..The conclusion should be concise and only summarize the most important contribution of the research in two or three sentences. **This has been re written**

4.The references are not up-to-date,references of the last 10 years should be cited,please cite last 10 years references ,especially references for the last 5 years. **We have reviewed the references, 66 articles are within the last 5 years (45.5 %), 40 articles are between 6-10 years (27.6%)making a total of 106 (73.1%) articles out of the 145 that are 10 years or younger from date of publication. Only 39 (26.9%) articles are older than 10 years. The authors cited the old articles directly where necessary to reduce the incidence of third person reporting where possible**

Thank you for your kind comments and contributions

Adejoke Onaolapo

RE-REVIEW REPORT OF REVISED MANUSCRIPT

SPECIFIC COMMENTS TO AUTHORS

World Journal of Clinical Cases REVIEWER' COMMENTS Manuscript NO: 65119 Manuscript Title: Nutrition, nutritional deficiencies, and schizophrenia: an association worthy of constant reassessment REVIEWER' COMMENTS:

Schizophrenia is a mental health disorder that occurs worldwide, cutting across

cultures, socioeconomic groups, and geographical barriers. Understanding the details of the neurochemical basis of schizophrenia, factors that contribute to it, and possible measures for intervention are areas of ongoing research. In recent times, research is beginning to show nutrition may play a possibly significant role in schizophrenia; however, while attempts had been made to examine this possible relationship from different angles, articles addressing it from a holistic point of view are not common. In this review, we examine existing scientific literature dealing with the possible relationship between nutrition and schizophrenia, with a view to elucidating the impact of diet, nutritional deficiencies and excesses on the aetiology, progression, management and outcome of schizophrenia. Secondly, the effect of nutritional supplements in prevention, as sole therapy, or adjuncts in schizophrenia management would be examined. It is a topic of interest to the researchers in the related areas, my detailed comments are as follows: 1. the introduction, materials and methods in the paper work very well, especially Dietary intervention as a therapeutic target in schizophrenia and mechanisms through which nutrition and nutritional factors influence schizophrenia pathophysiology. . 2. Results are good, and the figures are clear 3. The language is fluent 4. The references are not up-to-date, references of the last 10 years should be cited, please cite last 10 years references, especially references for the last 5 years, and there are too many references, please abbreviate to 60 references at most. . Please make minor revisions, especially in the parts of references. After making minor revisions, the paper may be considered for publication.

We are pleased to inform you that the author has replied to your comment regarding manuscript NO. 65119. The reply is as follows:

1. The introduction, materials and methods in the paper work very well, especially Dietary intervention as a therapeutic target in schizophrenia and mechanisms through which nutrition and nutritional factors influence schizophrenia pathophysiology. Thank you for your kind comments 2. Results are good, and the figures are clear Thank you for your kind comments 3. The language is fluent Thank you for your kind comments 4. The references are not up-to-date, references of the last 10 years should be cited, please cite last 10 years references, especially references for the last 5 years. We have reviewed the references,

66 articles are within the last 5 years (45.5 %), 40 articles are between 6-10 years (27.6%)making a total of 106 (73.1%) articles out of the 145 that are 10 years or younger from date of publication. Only 39 (26.9%) articles are older than 10 years. The authors cited the old articles directly where necessary to reduce the incidence of third person reporting where possible 5. please abbreviate to 60 references at most. . In order not to run afoul of the plagiarism laws the authors have ensured that only relevant references have been cited hence the long reference list