



SDI Review Form 1.6

PART 1:

Journal Name:	<u>International Journal of TROPICAL DISEASE & Health</u>
Manuscript Number:	2013 IJTDH 4035
Title of the Manuscript:	Body Ailments Dietary Pattern and Nutritional Status of Elderly in Ondo State, Nigeria
Type of the Article	Research paper

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: Review Comments

	Reviewer's comment Introduction: <i>Humans are living longer than ever before with several population life expectancies at birth now exceeding 80 years. Since the early 1970s, life expectancies have increased globally by about 1 year every 3 years. The elderly today is living almost 20 years longer than their ancestors at the beginning of the twentieth century.(ref.)</i> Remarkably, the numbers of elderly people in developing countries and Africa now approach and will exceed those in developed countries so that the problem of aging is global. (lacking references and add some figures to make the problem clear). What about the situation in Nigeria? Objectives: The study lacking the objectives and more emphasis should be stated in regard the study rationale. Methodology: There is no need to mention the following statement, just mention the design: The descriptive survey research design which	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) Reference now cited. In 1995 the number of people aged 60+ yrs increased by more than 12 million people — nearly 80% of this increase took place in developing countries. . As a result of projection in Nigeria the population ,,,,16 million by 2030 and 47 million by year 2060 [⁴]. This study will generate a baseline data in prevalence of diseases common to elderly and nutritional situation which can be used to develop a framework work in solving the elderly problems.
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	involved the study of the large population by selecting a representative sample to discover relative incidence distribution and interrelations of variables [5] to collect data for this study. It involves the collection, organization and analysis and description of the variables as they exist in a natural setting without interference. The result of the representative sample can be inferred or generalized. In setting: it should be brief, stating the total population, population distribution, major activities, how many are the elderly as compared to the total population, the health system delivery to those vulnerable. The formula for sample size calculation is incorrect? where is the n? and there was no need to display the calculations. A margin of errors should be considered in calculating the sample size!! the authors did not mention how they have selected the elderly. Full description of the questionnaire should be considered, sources of the items included, reliability and validation of the items and references should be cited. How the authors verified the presence of ailments among the included subjects? was only	Noted and effected in the method. Setting is now a subsection. The formula has been deleted but referenced in the method. The margin of error has been considered to make sample 400. Full description of questionnaire now considered. Reliability and validation of items referenced. Ailment was self reported and confirmed from hospital records.
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	based on self statement? a non reliable method, were any exclusion criteria, those with cognitive problems. What was the rationale for using a scoring for the dietary habits (intake) and was it implemented by other previous studies? Was there any pilot testing for the data collection tools? The cutoffs for blood pressure were only for the systolic measurements, What about the diastolic? Data analysis: For the logistic regression model what was method used for generating the model, what were the independent variables entered and on what base? Results: Table 1. why reporting the prevalence ratios instead of using the P value? How many of the included sample has had two or more co-morbidities? Table 2. The table displays many errors in data output, reflecting the presence of skewed data, univariate analysis should be considered for such	All elders with memory loss were excluded from self reporting. The use of nominal scale ie 1,2,3 for frequency of consumption according to Olayiwola 2008. Yes, there was pilot testing for data collection. Please Check the method. Blood pressure table displayed cut off point. The chi square and correlations were used to analyse variables. However the nutritional status was independent variable while the ailments were dependent. P-value now included in the result. Categories were according to only one morbidity that are under self care plus medical or dietary management.
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	analysis with reporting of the frequency and % for each. Table 3a and b are meaningless description of the dietary intake per se would be sufficient. A different peruse for reporting the data should be based on proper statistical analysis. Discussion should be changed in response to the previous recommendation. The conclusion exaggerating the previously found and reported findings.	FFQ Result now included. Pearson Product Moment Correlation coefficient now used in tables. A revision on discussion in yellow. Conclusion now focussed on present study,
<u>Compulsory</u> REVISION comments	Major Compulsory revision	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		