

ReviewForm 1.7

JournalName:	InternationalJournalofTROPICALDISEASE&Health
ManuscriptNumber:	Ms_IJTDH_108385
TitleoftheManuscript:	Iodinestatusofschoolchildrenaged6to12yearsinruralandurbancommunitiesinImostate,SoutheastNigeria.
TypeoftheArticle	

PART1:ReviewComments

	Reviewer'scomment	Author'scomment (ifagreedwithreviewer,correct themanuscriptandhighlightthatpartinthe manuscript.Itis mandatorythatauthorsshouldwrite his/herfeedbackhere)
<p>Compulsory REVISIONcomments</p> <p>1. Isthemanuscript important forscientific community? (Please writefewsentenceson thismanuscript)</p> <p>2. Isthetitleofthearticlesuitable? (Ifnotpleasesuggest analternativetitle)</p> <p>3. Isthe abstract ofthearticlecomprehensive?</p> <p>4. Aresubsectionsandstructureof themanuscript appropriate?</p> <p>5. Do you thinkthemanuscriptisscientifically correct?</p> <p>6. Aretherferences sufficientandrecent?If you have suggestionofadditionalreferences,please mentioninthe review form.</p> <p><u>(Apart fromabove mentioned6 points, reviewersarefreetoprovide additional suggestions/comments)</u></p>	<p>The manuscript is important because it is a focus on micronutrient deficiency, especially iodine deficiency, which is of great public health concern.</p> <p>The title of the manuscript is appropriate in relation to the content of the manuscript.</p> <p>The abstract contains a statement that is misleading with regard to the definition of iodine deficiency: (30 participants had a concentration of < 100ug/L therefore giving an iodine deficiency prevalence of 7.8%). Author(s) need to state if the value referred to is the MUIC.</p> <p>The structure of the manuscript is acceptable</p> <p>The references are recent but not sufficient. I have included a few more references.</p> <p>https://www.who.int/data/nutrition/nlis/info/iodine-deficiency https://www.unicef.org/png/media/1276/file/PNG-Reports-Nutrition-Iodine.pdf</p> <p>My additional comments are within the text of the manuscript</p>	
<p>Minor REVISIONcomments</p> <p>1. Is language/English quality of the articles suitable for scholarly communications?</p>	<p>YES, the English language is suitable for scholarly publication</p>	

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<p>Optional/General comments</p>	<p>I will encourage the author(s) to check this additional reference, so as to understand the issue more clearly, especially the interpretation of results using Urinary Iodine concentration.</p> <p>https://www.who.int/data/nutrition/nlis/info/iodine-deficiency</p> <p><i>“The Median Urinary Iodine Concentration (MUIC) is considered to be the main indicator of iodine status for all age groups, because its measurement is relatively non-invasive, cost-efficient and easy to perform. Since most of the iodine absorbed by the body is excreted in the urine, it is considered to be a sensitive marker of current iodine intake and can reflect recent changes in iodine status. MUIC have been most commonly measured in school children aged 6-12 years, because it is easy to access this population”.</i></p> <p><i>“For school-age children (≥6 years of age), an adequate iodine level is defined as a population MUIC of 100-199 µg/L, whereas a population MUIC of <100 µg/L indicates that the population's iodine intake is insufficient. When the population MUIC is <20 µg/L, the population is described as having severe iodine deficiency; at 20-49 µg/L, it is described as having moderate iodine deficiency; and if the MUIC is 50-99 µg/L, it is described as having mild iodine deficiency. A population of school-age children should have a MUIC of at least 100 µg/L, with less than 20% of values being <50 µg/L. For pregnant women, the MUIC should be between 150 µg/L and 249 µg/L”.</i></p>	
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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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

<p>Name:</p>	<p>Victor J Temple</p>
<p>Department, University & Country</p>	<p>University of PNG, Papua New Guinea</p>