



SDI Review Form 1.6

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	2013_IJTDH_5864
Title of the Manuscript:	Increased High Density Lipoprotein Cholesterol and Total Cholesterol Levels in Traders with Metabolic Syndrome in an Apparently Healthy Nigerian Population
Type of the Article	Research Paper

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:

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



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PART 1: Review Comments

	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>
<u>Compulsory</u> REVISION comments	This study was a cross-sectional survey conducted over a period of 6 months in 534 (170 males and 364 females) apparently healthy traders from a local market in Bodija, Ibadan aged 18–105 years. The participants were grouped based the presence of metabolic syndrome using the International Diabetes Federation diagnostic criteria. The criteria include central obesity (male: ≥ 94 cm, female: ≥ 80 cm) and any two of raised triglycerides: ≥ 150 mg/dL (1.7 mmol/L), reduced HDLcholesterol (males: < 40 mg/dL, females: < 50 mg/dL, raised blood pressure ($\geq 130/\geq 85$ mmHg), or raised fasting plasma glucose (FPG) (≥ 100 mg/dL). 1- The authors should expand on how the subjects were recruited 2- How was the blood pressure measured? 3- How was the percentage body fat determined? 4- Can the authors explained which were the components of the metabolic syndrome that were more common in the male and female population 5- The population is 2:1 female to male any specific reason for that 6- Was anything special about the 11 subjects that had the 4 components of the MS? Please describe their characteristics. 7- Can the comparison of age and metabolic variables between participants with metabolic	Thanks for comments. These have been taken into consideration in the revised manuscript.



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	syndrome and non- metabolic syndrome described base on sex in a new table. 8- I do not see the effect of sex on table 3. The description of table 3 is not clear. 9- In table 3 the authors described the findings in 447(83.7%) subjects that DO not have the MS. But in the conclusion the authors referred to 11% of traders with no component of the MS and most of them and 189 (42.9%) with 2 components of the metabolic syndrome suggests that Nigerians are unhealthy 10- Not clear what are the authors referring when discussing small LDL particle size.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

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