



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	Ms_IJTDH_34919
Title of the Manuscript:	CORRELATION OF MICROALBUMIN WITH BIOCHEMICAL AND ANTHROPOMETRIC PARAMETERS IN SICKLE CELL ANAEMIA PATIENTS IN southern NIGERIA
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
Methods - A definition of the term 'SCA nephropathy' is still absent from the Patients and Methods section. From the results section and tables it appears to be defined as an ACR > 3.0 mg/mmol? Since this is an important outcome measure being investigated in the study, it would be helpful to give this a formal definition in the method section. Results - The term "correlation" is used repeatedly to describe a number of different statistical relationships, some are correlations and some are other statistical tests. The term "association" may be clearer in some cases. - On line 105 there appears to be a missing term in the sentence "...significantly __ ratio (ACR)..." From the referenced table2, I assume this should be "...significantly <u>higher</u> ratio (ACR)..." - Lines 106-107 appears to have some extra or incomplete text; "elevated plasma urea and albumin creatinine" - Line 112 has no table number identified; "Table __ showed a non-significant..." I assume this is Table "4"? - Table 3 has 2 cells for Plasma Urea in yellow font which are difficult to read. - Table 3 has an empty column. - Table 4 describes what appear to be univariate correlations, presumably by linear regression, between SCA with nephropathy and the 3 variables (urea, creatinine and PCV)? I respectfully suggest that a multivariate linear regression including these 3 variables, as well as other potentially important covariates, be considered. This could help clarify which, if any, variable(s) is independently associated with SCA nephropathy.	Methods The definition of SCA nephropathy has been added to the methodology section. Results - As regards the term correlation, corrections have been effected. - Errors noted on lines 105 have been corrected - Statements on Lines 106 and 107 has been rephrased - Line 112: Table number has been identified as Table 5. - Font has been made black and highlighted in yellow for corrections on cells in table 3 - Empty column has been deleted on table 3 - Table 4: Pearson correlation statistics were used to compare the data in the table initially. Multivariate analysis done were however non-significant. This has been stated in prose in the result section.