Author’s response to reviews

Title: The relationship between serum uric acid and lipid profile in Bangladeshi adults

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Response to the Editor and to Reviewer Comments

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The relationship between serum uric acid and lipid profile in Bangladeshi adults

Dear Editor,
We appreciate the time and efforts spend on reviewing the manuscript entitled “The relationship between serum uric acid and lipid profile in Bangladeshi adults”. Authors are very much thankful to the editor and reviewers for their deep and thorough comments. We have revised the manuscript in the light of their useful suggestions and comments. We are confident that our response clarifies all raised questions and these have improved the manuscript further. We hope that you will find the revised version now suitable for publication in BMC Cardiovascular Disorders and look forward to hearing from you.

The indicated changes have been highlighted (by yellow) in the revised version. The answers (in blue) to their specific comments/suggestions/queries of the reviewers are as follows.

With kind regards

Dr. Nurshad Ali (on behalf of all co-authors)

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Responses to Reviewers’ Comments:

Reviewer #1: There were no specific comments but marked all the technical points in reviewer form positively

Response: We appreciate all the positive indication on our manuscript

Reviewer #2:

As I say previously in "Study design and participants" you should specify if were excluded from the study patients with myeloproliferative disorders and in therapy with cytotoxic drugs.

In "Discussion" you have to make more simple the sentences. You could write something like this "In this study, the TG to HDL ratio, a known indicator of insulin resistance, showed a positive association with SUA as reported in a previous study (27). Previous Studies, also, demonstrate that hyperuricemia can affect adipocytes by increasing monocyte chemoattractant protein and reducing the production of adiponectin, thereby contributing to insulin resistance and inflammation".

Write this sentence "These finding indicated a complex interaction between SUA and lipids which remains unclear" at the end of this: "Taking into account present study results, we are agreed with a previous study remarks that uric acid may intensify several pathophysiological
mechanisms that are associated with the CVD risk and may have synergistic interaction with other lipid profiles causing CVD."

Response: We appreciate the valuable comments and suggestions. The suggested text has been rephrased and replaced in discussion section (page 4 line 97-98 and page 9, line 202-210).