Reviewer’s report

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

Version: 0 Date: 03 Feb 2019

Reviewer: fabiana romeo

Reviewer’s report:

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."

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.
I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

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Please complete a declaration of competing interests, considering the following questions:

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