Author's response to reviews

Title: Evaluation of the potential pleotropic role of angiotensinogen gene polymorphism in atherosclerosis

Authors:

Mohammed Al-Najai (mnajai@kfshrc.edu.sa)
Paul Muiya (pmuiya@kfshrc.edu.sa)
Samar Elhawari (shawari@kfshrc.edu.sa)
Daisy Gueco (dgueco@kfshrc.edu.sa)
Editha Andres (eandres@kfshrc.edu.sa)
Nejat Mazher (nejatm@hotmail.com)
Maie Alshahid (maie@kfshrc.edu.sa)
Nduna Dzimir (dzimir@kfshrc.edu.sa)

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Author's response to reviews: see over
Summary of Our Responses to the Reviewers’ Comments

We have now re-revised our manuscript paying attention to the comments of particularly Reviewers 2 and 3. Specifically, we have re-addressed the issues raised by the reviewer with respect to our first revision, and below is a point-by-point response to the reviewers’ queries.

The manuscript has been completely revamped the manuscript, adding the data on the multinormial logistic regression and Boniferroni adjustment tests.

We have also implemented the necessary changes to the format of the manuscript to meet the requirements of the journal, and hope our paper is now acceptable for publication and look forward to its appearing soon in BMC Cardiovascular Disorders.
Reviewer 2: Wassim Y Almawi

We greatly appreciate the reviewer’s comments and suggestions, and have implemented his suggestions accordingly. The following is our point-by-point response to the reviewer’s comments

**Point 2**

The title has changed to “Association of the angiotensinogen gene polymorphism with atherosclerosis and its risk traits in the Saudi population”

**Point 3**

We have added the following information on page 6. “…. five regions of the country, comprising 850 (18.4%) from the Eastern, 1008 (21.8%) from the Central, 1207(26.2%) from the Northern, 1184 (25.7%) from the Southern and 366 (7.7%) from the Western Region”.

**Point 5:**

Table 1 originally showing the characteristics of the individual disease traits has been replaced with the one showing demographics relative to coronary artery disease and its control group. The table shows the portions of the different traits in both the case (CAD) and controls (non-CAD).

**Point 7:**

We have now included key biochemical profiles (blood pressure, cholesterol triglyceride and blood sugar levels), in table 1 as requested.

We believe we have accommodated all his suggestions and hope to have done so adequately and satisfactorily.
Reviewer 3 Tatiana Kuznetsova

Based of the Editorial comments at our hand, Reviewer 3 argues that of three issues raised by her, only first (objective of the study) was adequately accounted for. She also believes that (a) we refused to include information on treatment of study subjects (which is again important in terms of internal validation of the study and characteristics of the population under study) (b) we “also did not accept the request for adjusted analyses, whereas from the characteristics of the study subjects? Table 1, it is clearly seen that the groups are different in terms of e.g. age. Such the analysis might substantially change the study results and conclusion”.

We have now included the information on the drugs used in the treatment of the patients. Furthermore, we have included our data on multinormal regression analysis and Boniferroni adjustment test.

We hope we have now adequately addressed the concerns of the reviewer.