Title: Left atrial volume index and aortic stiffness index in adult hemodialyzed patients - link between compliance and pressure mediated by endothelium dysfunction; a cross-sectional study

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Author's response to reviews: see over
Dear Marinette Lacson

Thank you for kind consideration for publication of our manuscript (1272997415747231) in the BioMed Central Cardiovascular Disorders. Accordingly to suggestions enclosed in Reviewer commentary we revised the manuscript and we made some changes as follows (red font in manuscript):

Reviewer 1

Major compulsory revisions:

Ad. 1. The relatively small number of subjects and cross-sectional design of the study was mentioned as a limitation in paragraph “Limitation of the study”.
Ad. 2. Correlates of echocardiographic parameters of control group were shown in table 3.
Ad. 3. The paragraph about limitation of the study was introduced.
Ad. 4. The method of blood pressure measurement was described in details.
Ad. 5. Writing was improved – the manuscript was rechecked by fluent English speaker and additionally by an English native speaker (American student studying at Medical University of Lublin).

Minor essential revisions:

Ad. 1. In the abstract abbreviation LAV was explained.
Ad. 2. The table 3 was rearranged including title.
Reviewer 2

Major Compulsory Revisions:

Ad. 1. The correlations between ASI and LAVI and other echocardiographic parameters have been shown in table 3

Ad. 2. The correlation between ASI and LAVI in control group was included in rearranged table 3.

Ad. 3. The systolic and mean blood pressures was entered to the multiple regression model.

Minor Essential Revisions

Ad. 1. The body surface area calculation method was described.

Ad. 2. The table 3 was rearranged including title – now it is clear that table 3 concerns both study and control groups

Reviewer 3

Major Compulsory Revisions

Ad. 1. This issues was commented in “Limitations of the study” chapter.

Ad. 2. The systolic and mean blood pressures was entered to the multiple regression model.

Ad. 3. The ASI calculation method was described in methodology section,
Ad. 4. In fact, in introduction (3 paragraph) we not state that aortic stiffness is independent of blood pressure. This is only citation from literature.

Minor Essential Revisions

Ad. 1. The last sentence of the result section, in abstract was corrected.

We hope that our changes have improved quality of presented manuscript and thereby you will be able to consider this version of paper for publication in the BioMed Central Cardiovascular Disorders.

With compliments -

Tomasz Zapolski, Andrzej Wysokiński, Andrzej Książek, Andrzej Jaroszyński