Reviewer’s report

Title: Normative reference ranges for echocardiographic chamber dimensions in a healthy Central European population: Results from the Czech post-MONICA survey

Version: 0 Date: 28 Jul 2019

Reviewer: Jae Hyung Park

Reviewer's report:

The authors presented their data of normal reference ranges for echocardiographic chamber dimensions in a healthy Central European population. They analyzed echocardiographic images in the Czech post-MONICA survey. I agree that the definition of normal reference values is very important. However, there are several unsolved issues regarding this study.

1. The authors excluded 1275 persons in your study. The authors showed several reasons of exclusion. It would be better that the authors demonstrate the number of exclusion reasons in the figure 1.
2. As you showed in the table 2 and 3, there can be significant difference in different age groups. However, the distribution of age of the participants is not evident. How about showing the distribution in the table 1?
3. The authors showed mean difference of age and gender in the table 2 and 3. How about showing the number and standard deviation according to gender?
4. The authors set normal reference value of left atrial volume index (LAVI) as 42 in males and 40 in females. However, the authors included figure 2 showing the distribution of LAVI and set 42 as the reference. The authors should separate the distribution of LAVI according to both sex. Moreover, the known reference of LAVI is 34mL/m2 in the previous studies. What is the difference between your study and the previous studies?

Level of interest
Please indicate how interesting you found the manuscript:

An article of limited interest

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

Acceptable
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