Reviewer's report

Title: Epicardial Adipose Tissue Is Related to Arterial Stiffness and Inflammation in Patients with Cardiovascular Disease and Type 2 Diabetes

Version: 0 Date: 31 Oct 2017

Reviewer: Dick Chan

Reviewer's report:

Al-Talabany et al examined the association between epicardial adipose tissue and markers of vascular function and inflammation in patients with high CVD risk. The manuscript is well written but several issues have to be address to support the conclusion

1. While EAT was higher in groups 1 and 3 (IL-6 was higher in Group 1), there was no significant difference in PWV among groups.

2. The associations between EAT and IL6 and CD40 were significant but extremely weak (r=-0.021 to 0.2). Please include figures to show the correlations. It is of interest to see whether the association was independent of obesity index.

3. Surprisingly, plasma adiponectin was not reported in the study that may modulate the reported association.

4. Differences in gender ratio, use of statin or other mediation, blood pressures, smoking habit and lipid/lipoprotein (TG and HDL) among the groups could confound the association.

5. Table 2 I wonder EAT should be the independent variable rather than a dependent variable in relation to IL-6 level.
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

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