Reviewer's report

Title: Differential association between metabolic syndrome and coronary artery disease evaluated with cardiac computed tomography according to the presence of diabetes in a symptomatic Korean population

Version: 5
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Reviewer: Niels Wiinberg

Reviewer's report:

This interesting study concerning the association between MetS and CAD using non-obstructive and obstructive plaque, and coronary artery calcium score (CACS) >100 according to diabetes status in 2,869 Korean subjects with low to medium a priori probability of ischemic heart, who underwent cardiac CAT angiography.

Conclusions: MetS was independently associated with the presence and severity of CAD only in the nondiabetic subjects among the symptomatic Korean population.

The subject is of importance and the paper is well written and clear in message. The study was well designed and performed, using state of the art methods.

Specific comments:
Did you use dose modulation?
Did you use Breath Hold?
What was the mean dose of radiation?
In figure 1 and 2, there are missing legends on the y-axis

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests below