Reviewer's report

Title: Sensitive cardiac troponin I in diabetic patients with and without obstructive coronary artery disease

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Reviewer: Davide Giacomo Presutti

Reviewer's report:

The authors performed an interesting study about a level 1 Troponin Assay in diabetic patient with and without chronic coronary artery disease. Despite the work strength, I recommend following the next issues:

Major Compulsory Revisions:

1. Authors should better explain why they carried out the comparison only with the diabetic patients with multivesSEL coronary artery disease. They should specify why patients with single vessel disease (i.e. proximal LAD stenosis) were excluded. Similar considerations regarding the choice to include patients with "proximally " stenosis (study subjects chapter )

2. The authors described the limitations of their work in the section "Discussion". I believe that the authors should insert the appropriate section "Limitations"

3. This article describes the results of the kit: "Siemens Centaur Ultra". In order to remove any doubt, I advise to utilize the term "level 1 troponin assay" avoiding "high-sensitivity assay".

Minor Essential Revisions:

1. The authors state that "Patients with CAD had a worse metabolic profile" but in TABLE 1 they found statistical significance only in Total Cholesterol. I advise to reformulate the previous sentence.

2. I suggest to replace the words "obstructive coronary artery disease" with "chronic coronary artery disease"

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.
Declaration of competing interests:

I declare that I have no competing interests