Reviewer's report

Title: Gender differences in plaque characteristics of nonculprit lesions in patients with coronary artery disease

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Reviewer: Luciano Agati

Reviewer's report:

This is an interesting paper aimed to assess gender differences in coronary plaque characteristic in non-culprit lesions in patients with coronary artery disease. A smaller lipid core was detected in women's coronary plaques. The authors correctly discussed these results underling that despite more favorable plaque features, women have an higher burden of risk factors compared with men. For these reasons the total number of deaths from cardiovascular diseases is greater in women compared with men. The unique statistically significant difference observed in this study between groups is the rate of smoking prevalence, higher in men. I think that this difference should be better underlined in the discussion section as a possible explanation of the higher lipid core detected in men. This is not a limit of the study but a possible explanation of the results.

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?
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Yes

Are the conclusions drawn adequately supported by the data shown?
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Yes
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I am able to assess the statistics

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Needs some language corrections before being published

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