Reviewer’s report

Title: The preablation monocyte/ high density lipoprotein ratio predicts the late recurrence of paroxysmal atrial fibrillation after radiofrequency ablation

Version: 0 Date: 14 Jul 2020

Reviewer: Rami Riziq Yousef Abumuaileq

Reviewer's report:

We have made a review for Manuscript Number BCAR-D-20-0085; entitled: Pre-ablation Monocyte/HDL ratio predicting late recurrence of paroxysmal atrial fibrillation after radiofrequency ablation. We have some comments to be taken into consideration by the authors:

1- The design of the study whether prospective or retrospective should be clear and mentioned in the abstract and in the first paragraph of the methods section of the text.
2- The authors should add a clear and descriptive flow chart of the study.
3- The title better to be without abbreviations, so write it high density lipoproteins.
4- The follow up protocol should be more clear, did all patients underwent 48 Hr Holter monitor at follow up?.
5- Did all the patients underwent the same technical protocol of successful 4 pulmonary veins isolation or some patients had additional ablation lines of left atrium roof or ablation for area of low potential in left atrium?. This should be mentioned and discussed.
6- After the ablation procedure and discharge from the hospital, did any patient continue on antiarrhythmic drugs class I, III or even blockers?. Or all the patients were not taken antiarrhythmic drug during the follow up?. Mention and discuss.
7- In table I, baseline ch.ch. the units used should be revised (e.g., LDL mg/dl 2.42; this might be in mmol/L. the same for HDL) please revise numbers and units carefully.
8- Proper editing is required (e.g., in the methods, the authors stated congenital heart failure!?, better to state congenital heart disease). Improve the editing of the overall text.
9- The potential clinical implications should be discussed and highlighted in more educational manner.
10- The relatively high rate of AF recurrence of 47% should be defended and discussed.
11- The significant variables from the binary regression should be analysed in a multivariable regression adjusted against HATCH score?. This would strengthen the results.

Regards
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Yes

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

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

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