Reviewer’s report

Title: Blood carnitine profiling on tandem mass spectrometry in liver cirrhotic patients

Version: 0 Date: 17 Dec 2019

Reviewer: Arif Cosar

Reviewer's report:

I read the manuscript titled as "Blood carnitine profiling on tandem mass spectrometry in liver cirrhotic patients" carefully. I think it is very interesting and could be useful in daily practices. But as you mentioned, the study has some limitations as small sample size and, retrospectice desing and, lack of control group.

I have a few questions:

Is there a relationship with etiology of cirrhosis and the levels of carnitine and its fractions?

Do normal values of carnitine and its fractions differ non cirrhotic persons’ BMI, age, etc? And if yes, is it significant?

How do you explain the difference of the relationship of carnitine fractions and parameters you investigated?

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.

No

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 recommend additional statistical review

**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

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Please complete a declaration of competing interests, considering the following questions:

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