Reviewer's report

Title: Effectiveness of current and future regimens for treating genotype 3 hepatitis C virus infection: A large-scale systematic review

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Reviewer: Etienne Brochot

Reviewer's report:

Fathi and colleagues have carried out a systematic review of the literature data for 5 years, concerning the treatment of HCV genotype 3. Indeed, with the advent of DAA for the treatment of chronic hepatitis C infection, the treatment of patients infected with HCV genotype 3 virus seems to be more problematic and more particularly in previous treatment failure. The work is important and interesting with a very structured approach including more than 2000 studies to finally analyzed 202 studies.

As mentioned in the discussion section, only the efficacy of the different treatments and not their safety are evaluated in this study.

However, some remarks and suggestions that could improve the interest of the article:

- It is mentioned that the analysis was done in subgroups and especially for patients with prior treatment failure. It would be wise to know the failure of which treatment regimen? (1st generation of DAA, 2nd generation, ...). An additional figure or table with the latest patient retreatment data from the last generations of DAA will undoubtedly add value.

- Table 4 and 5 are quite heavy with a lot of data. Would not it be better to present the results in histogram form?

- Like the EASL or the national scientific societies, from the synthesis of all these data, personal treatment recommendations could be proposed according to the subgroups (cirrhosis, prior treatment failure, HIV co-infection).
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.

Unable to assess

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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