Reviewer’s report

Title: Changes in CT morphology can be an independent response marker for patients receiving regorafenib for colorectal liver metastases: retrospective pilot study

Version: 1 Date: 22 Jan 2017

Reviewer: Daniel Margolis

Reviewer’s report:

Although somewhat limited in focus, this presents an important analysis of what is becoming an emerging treatment modality and imaging of the effects thereof.

Some grammatical editing is necessary.

Strictly speaking, "RECIST criteria" is redundant, since the "C" in "RECIST" stands for "criteria." A better phrase is "RECIST assessment" or simply "RECIST."

It is heartening that the authors recognized the statistical limitation in determining whether morphologic response was an independent prognostic factor. However, an alternative would be to determine if there is a statistical difference between PFS/OS and: number of prior treatments, type of prior treatments, age, presence of toxicity, original tumor stage, and original tumor location. I would recommend the authors perform this analysis, and resubmit for review, including statistical analysis.

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:

Needs some language corrections before being published

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