Reviewer's report

Title: Choroidal Structural Changes Correlate with Severity of Diabetic Retinopathy in Diabetes Mellitus

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Reviewer: Jee Taek Kim

Reviewer's report:

In this study, the authors studied the changes of the choroidal thickness and ratio of the luminal to choroidal area, and their correlation with severity of diabetic retinopathy (DR).

The study have a major point that should be addressed.

1. The authors described the treatment history of systemic and ocular treatment in their revised manuscript.
   - It is well known that the eyes with laser-treated DR have reduced choroidal thickness. So, treatment-naïve PDR and treated PDR should be separated. If the eyes with both NPDR and PDR had previously treated with laser, the patients or the eyes should be categorized as "PRP-treated NPDR or PRP-treated PDR"
   - How did you define the severe NPDR or PDR even after laser treatment? Considering the PRP effect on choroid in recent literature, the studies of CVI or choroidal thickness in eyes with DR should include naïve eyes. If the DR patients had previously treated PRP in this study, how about include another naïve PDR or naïve NPDR?
   - Please seperate laser photocoagulation as focal laser and panretinal photoagulation
   - In discussion, please add several recent studies about PRP effect on choroid.
2. The authors described only a few limitations. However, this study have several limitations. Please describe following limitations and etc.

- Because of the retrospective design, several compounding factors were not considered including diurnal variation, systemic status of the patients……

- It seems that exclusion of DME was the limitation rather than study design for specific purpose.

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.

No

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

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

Needs some language corrections before being published
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