

Dear Editors and Reviewers,

Thanks very much for your time to review this manuscript. We really appreciate all your comments and suggestions. We have considered these comments carefully and tried our best to address every one of them. Below is the response to reviewers.

No	Peer Review	Common issues and comments
1.	Reviewer 1	<p><u>Issue 1:</u> <i>The manuscript is not well structured, they wrote about CSVD in several different paragraphs , I would suggest them to make it concise.</i></p> <p>Response 1: Thank you very much for your suggestion. The authors had updated and revised the manuscript content as per suggestion.</p> <ul style="list-style-type: none">• Refer highlighted paragraph (in yellow) in page 6, Line 20 – 24
		<p><u>Issue 2:</u> <i>They stated they would highlight advances in DTI pipeline processing and the prospect of this DTI metrics as potential imaging biomarker for CSVD., however, they didn't put this as the main focus. I would suggest they focus on their purpose.</i></p> <p>Response 2: Thank you very much for your suggestion. The authors had updated and revised the manuscript content as per suggestion.</p> <ul style="list-style-type: none">• Refer highlighted paragraph (in yellow) in page 12.
		<p><u>Issue 3:</u> <i>In addition, I suggest the authors to list some relevant application examples/literature in the four pipelines.</i></p> <p>Response 3: Thank you very much for your suggestion. The authors had updated and revised the manuscript content as per suggestion.</p> <ul style="list-style-type: none">• Refer to Table 3 (page 35).

2.	Science Editor	<p><u>Issue 1:</u> <i>The sub-chapter entitled “Principle of DTI – Theory to Practices” could be condensed in order to put the emphasis on the main focus which is DTI pipeline analysis and its implications in CSVD.</i></p> <p>Response 1: Thank you very much for your suggestion. The authors had updated and revised the manuscript content as per suggestion.</p> <ul style="list-style-type: none"> • Refer to Track Changes in Principle of DTI – Theory to Practices, from page 8, 9 and 10.
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