Reviewer’s report

Title: Validation of the Diffusion-weighted Imaging Method for Activity Evaluation in Crohn's Disease Patients Underwent Magnetic Resonance Enterography

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Reviewer: Aiping Mao

Reviewer’s report:

The authors evaluate the clinical value of DWI and MRE in assessing active inflammation in CD. As a non-invasive tool, MRE has been used to evaluate Crohn’s Disease activity in many recent researchers. Most of them focus on gadolinium-enhanced T1-weighted sequence. It is advanced and reasonable for the authors to combined DWI with MRE to evaluate CD. But I still have some question about the method as follows:

1. In the part of MRI evaluation, how to definite “DWI hyper-intensity”, please illustrate it clearly.

2. In the part of “MRE combined with DWI improves the diagnostic accuracy for active lesions?”, authors used three protocols. The Protocol A is“ only DW imaging were used”. I think it is hard to find out the inflammatory bowel segment just use DWI. The authors should explain it.

3. In the part of “MRE combined with DWI improves the diagnostic accuracy for active lesions?”, both protocol A and C used DWI. In these two protocols, Which B value was used?

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, and I have assessed the statistics in my report.