Reviewer's report

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

**Version:** 2  
**Date:** 27 August 2014

**Reviewer:** Zhixiang Zuo

**Reviewer's report:**

*Minor Essential Revisions*
1. The abbreviated words should be completely written when they occur at first time, for example, MRI, DWI, MR-score-S, CECDAI-S.

2. A summary table is needed for the comparison of sensitivity and specificity between MRE, DWI and MRE+DWI.

3. In Figure 1, the titles for x/y axes should be added.

4. Figure 2 only shows the examples of MRE surpassing DWI, however, the author was intended to prove that MRE+DWI performs better than DWI or MRE alone.

5. Please explain "Although all MR variables showed the high specificity close to 100%, Area Under the Receiver Operator Curve (AUROC) indicated that bowel wall enhancement was the optimal predictor of inflammation (AUROC = 0.87) with the satisfactory sensitivity (79.4%) and specificity (94.3%)."

6. Please reconstruct the result "MRE combined with DWI predicts the endoscopic disease activity"

7. Language should be refined.

**Level of interest:** An article whose findings are important to those with closely related research interests

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

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**
I declare that I have no competing interests