

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 69503

Title: Application of Synthetic MRI Magnetic Resonance Angiography in Acute Stroke

Reviewer's code: 05431731

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Specialist, Doctor, Research Fellow, Research Scientist

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

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Reviewer chosen by: Jin-Lei Wang

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Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

The long-term survival rate and recurrence rate after acute ischemic stroke also vary significantly with the different causes of the first stroke. The traditional magnetic resonance imaging technology, three-dimensional time-of-flight magnetic resonance angiography has been widely used in screening cerebrovascular diseases because of its advantages, including non-invasiveness, non-radiation, and no need to inject contrast media. However, in the imaging examination of patients with acute stroke, saving time can save the brain, so the shorter the examination process, the better outcome. In recent years, some researchers reported that MAGiC can reconstruct various contrast images that can be applied in patients with acute ischemic stroke, and T2mapping images acquired by MAGiC can more accurately evaluate stroke onset time. This study compared the accuracy of MAGiC PSIR Vessel and TOF MRA in evaluating the stenosis degree of bilateral middle cerebral arteries. The manuscript is very well written. The results are very interesting and well discussed. The reviewer suggests to accept this manuscript after a minor language editing. Thank you.