

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 72555

Title: Acute recurrent cerebral infarction caused by moyamoya disease complicated with adenomyosis: a case report and literature review

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02671671

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-10-20

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-11-07 10:59

Reviewer performed review: 2021-11-07 11:10

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 Grade E: Do not publish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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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**Peer-reviewer
statements**

Peer-Review: [☒] Anonymous [☐] Onymous

Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

Each image of Figure 4 should be explained. PWI mean perfusion weighted image. Cerebral perfusion PWI does not make sense. Flow800 fluorescence imagings should be presented. The therapy included only surgery. Detail of medication should be described.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02830107

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

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Reviewer performed review: 2022-01-22 20:33

Review time: 4 Days

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 checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Peer-reviewer
statements**

Peer-Review: [☒] Anonymous [☐] Onymous

Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

In this study, the authors presented acute recurrent cerebral infarction caused by moyamoya disease complicated with adenomyosis. Although cerebral infarction due to adenomyosis is known, the accompanying moyamoya disease makes this article valuable. The authors provided sufficient case presentation and discussion and supported the article with necessary figures and tables.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02730914

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Assistant Professor, Neurosurgeon

Reviewer's Country/Territory: Germany

Author's Country/Territory: China

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Reviewer accepted review: 2022-01-22 13:24

Reviewer performed review: 2022-01-23 00:00

Review time: 10 Hours

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
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Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

“Acute recurrent cerebral infarction caused by moyamoya disease complicated with adenomyosis: a case report and literature review” is interesting paper which described unique comorbidity of moyamoya disease with adenomyosis. The case report shows how one pathology can affect the other one. The manuscript is generally well written and interesting to read. However, surgical techniques, superficial temporal artery-middle cerebral artery bypass and encephalo-duro-myo-synangiosis should be better described in case presentation section. Also, more extensive comparison with other studies from table 1. is recommended in discussion section. The authors could add short explanation about adenomyosis (definition, why is adenomyosis stroke risk factor) in introduction. My suggestion is to reduce the number of subheadings in case presentation section (for example: text in lines 48 and 49 is redundant). Line 83: “a pelvic ultrasound was performed which again revealed adenomyosis” – again is unnecessary. Lines 89-92: “more concentrated” – my suggestion is more pronounced Line 94: “encepho-duro-myo-synangiosis” should be encephalo-duro-myo-synangiosis. Surgical procedure should be described in more detail. Which type of microscope was used? The title of table 1. “Cases with disease of department of gynaecology associated stroke” needs to be reviewed, my suggestion: Gynecologic diseases associated with stroke: literature review Editing for English is required throughout discussion section.