

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 77809

**Title:** Familial mitochondrial encephalomyopathy, lactic acidosis, and stroke-like episode syndrome: Three case reports

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 04543416

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Chief Doctor, Professor

**Reviewer's Country/Territory:** Turkey

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-05-21

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-05-22 20:13

**Reviewer performed review:** 2022-05-28 19:12

**Review time:** 5 Days and 22 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 Grade E: Do not publish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
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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<b>Peer-reviewer statements</b>	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**

On MRI figure legends, axial plane MR should be used instead of "Cross-sectional" expression. In the first sentences describing the images of the cases in the imaging examinations section, the expressions "hypointense T1 or hyperintense T2" are preferred instead of "long T1 and long T2 signals". Please make the necessary changes.

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**Reviewer's code:** 05477765

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Assistant Professor, Senior Researcher

**Reviewer's Country/Territory:** Russia

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-05-21

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-07-19 06:10

**Reviewer performed review:** 2022-07-19 18:09

**Review time:** 11 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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#### **SPECIFIC COMMENTS TO AUTHORS**

The manuscript of “Familial mitochondrial encephalomyopathy with lactic acidosis and stroke-like episode syndrome : a case report” by Xiao Yang and Le-Jun Fu aims to review clinical manifestations, muscle pathological examination, and genetic testing in three clinical cases of familial MELAS syndrome. The manuscript is well written, and it describes some recommendations for the management of patients with MELAS syndrome and their families. The manuscript may be accepted for publication in its current form. Comment: In the Discussion section, the role of mtDNA A3243G, A8344G and T8933C (G) gene mutations found in the patients can be discussed in more detail.