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PEER-REVIEW REPORT

Name of journal: *World Journal of Neurology*

Manuscript NO: 85884

Title: Role of lumbar puncture in clinical outcome of suspected acute bacterial meningitis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00503689

Position: Peer Reviewer

Academic degree: MD

Professional title: Head, Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: India

Manuscript submission date: 2023-05-20

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-06-09 11:45

Reviewer performed review: 2023-06-10 06:12

Review time: 18 Hours

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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The title needs to be abridged as it looks more like a running title. The abstract is adequate and gives a good overview of the subject. Were there any changes in practice during the long study period, and if there were any changes in outcomes accordingly? Being a medical emergency, attending physicians should be more emphatic to request LP and u/s guided sampling as soon as a case is suspected. There is no mention on what where the possible causes of the infections (community acquired, post traumatic/surgical, due to spontaneous leaks)? Why was antibiotic use longer in the non LP group?

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Peer-review model: Single blind

Reviewer's code: 01221188

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: India

Manuscript submission date: 2023-05-20

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-06-09 22:17

Reviewer performed review: 2023-06-11 23:45

Review time: 2 Days and 1 Hour

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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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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
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 checked="" type="checkbox"/> Yes <input 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

SPECIFIC COMMENTS TO AUTHORS

This article is interesting and valuable for physicians. Major revisions 1. The meaning of 'body habitus' is not clear. The reason why LP could not be performed should be clearly explained. 2. The comparison in the clinical characteristics between LP and non-LP patients is needed. Minor revision Abbreviations such as IDSA and EMR should be avoided in the summary section.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Neurology*

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Peer-review model: Single blind

Reviewer's code: 01221188

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: India

Manuscript submission date: 2023-05-20

Reviewer chosen by: Ji-Hong Liu

Reviewer accepted review: 2023-06-29 21:58

Reviewer performed review: 2023-06-29 23:17

Review time: 1 Hour

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
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
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The article is well revised. However, minor revisions are needed. Statistical analysis is required in Table 1. HIV should be spelled out. It is unusual that the rate of the history of brain tumor surgery is 10%. Why is the rate is very high?