

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 80873

Title: Treatment of portosystemic shunt-borne hepatic encephalopathy in a 97-year-old woman using balloon-occluded retrograde transvenous obliteration: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06380528

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Thailand

Author's Country/Territory: Japan

Manuscript submission date: 2022-10-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-10-24 04:09

Reviewer performed review: 2022-10-27 10:04

Review time: 3 Days and 5 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 Grade E: Do not publish
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 checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous
	Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No

SPECIFIC COMMENTS TO AUTHORS

1. The new finding of this report is to make doctors consider how to approach acute confusion in the elderly. Moreover, surgical treatment nowadays has some advanced techniques available for people over 90 years old. 2. Many points need to be corrected and added. They are in the manuscript with boxes of comments. Firstly this case is not hepatic encephalopathy but should be portosystemic shunt associated hyperammonemia induced encephalopathy. Hepatic encephalopathy is a brain dysfunction caused by liver insufficiency with or without a portosystemic shunt. Thus, the main point of this terminology is an impairment of the liver, which could be an acute or chronic process, and finally results in brain dysfunction due to poor detoxification of serum ammonia. It is quite different from this case that the liver function is normal, but ammonia directly bypasses the brain via the shunt. 3. Details of the history, especially physical examinations, have to declare more information.

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Peer-review model: Single blind

Reviewer's code: 06391996

Position: Peer Reviewer

Academic degree: Doctor, PhD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Japan

Manuscript submission date: 2022-10-17

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-12-19 02:26

Reviewer performed review: 2022-12-20 14:36

Review time: 1 Day and 12 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
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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input 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: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous
	Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No

SPECIFIC COMMENTS TO AUTHORS

This paper reported a 97-year-old female patient with hepatic encephalopathy caused by shunting of the left common iliac and inferior mesenteric veins who was successfully treated by B-RTO, which has important clinical significance. Some suggestions on specific as follows: 1. Please add the change of important clinical lab index before and after treatment in order to reflect the effect more intuitively; 2. Please add the recovery time notes after the patient finished the B-RTO treatment; 3. Please add whether the elderly patients need special treatment with preoperative, intraoperative and postoperative.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Reviewer's code: 06380528

Position: Peer Reviewer

Academic degree:

Professional title:

Reviewer's Country/Territory: Reviewer_Country

Author's Country/Territory: Japan

Manuscript submission date: 2022-10-17

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-01-04 16:59

Reviewer performed review: 2023-01-04 17:21

Review time: 1 Hour

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
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 checked="" type="checkbox"/> Accept (General priority) <input 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

None