



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 51753

**Title:** Plasma exchange in patients with acute and acute-on-chronic liver failure: A systematic review

**Reviewer’s code:** 03471268

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer’s country:** Japan

**Author’s country:** Singapore

**Reviewer chosen by:** Artificial Intelligence Technique

**Reviewer accepted review:** 2019-10-07 02:49

**Reviewer performed review:** 2019-10-08 06:17

**Review time:** 1 Day and 3 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer’s expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**



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In this systematic review, the authors provide a summary of currently available evidence for the use of plasmapheresis in ALF and ACLF. They described about transplant free survival, biochemical improvement, the volume of plasma exchange, duration of plasmapheresis and etiology of liver failure. The result from this study may provide the guide for therapy on ALF and ACLF. It is clear to show that the current situation of PE for ACLF and further research may be needed. I have some comments for their revision: 1) Abstract, Introduction, Methods and Discussion are well organized and easy to be understood; However, between Methods and Results, the inserted special section, "Mechanism of action of plasma exchange in liver failure" is not a normal. I think it might be better to move it into the "introduction" or "Discussion". 2) All figures and tables should be cited in main text no matter whether they are supplementary data or not. for example, Table 1 and Figure 2 are never mentioned in the text. 3) Table2 doesn't match the description in text.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- The same title
- Duplicate publication
- Plagiarism
- No

##### ***BPG Search:***

- The same title
- Duplicate publication
- Plagiarism
- No



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 51753

**Title:** Plasma exchange in patients with acute and acute-on-chronic liver failure: A systematic review

**Reviewer's code:** 00005009

**Position:** Peer Reviewer

**Academic degree:** FRCP (Hon), FRCS (Hon), MD

**Professional title:** Director, Full Professor

**Reviewer's country:** United Kingdom

**Author's country:** Singapore

**Reviewer chosen by:** Jin-Zhou Tang

**Reviewer accepted review:** 2019-10-09 10:23

**Reviewer performed review:** 2019-10-17 14:27

**Review time:** 8 Days and 4 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	<input type="checkbox"/> Accept (High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of	<input type="checkbox"/> Accept (General priority)	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	<input type="checkbox"/> Minor revision	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	<input type="checkbox"/> Grade C: A great deal of	<input type="checkbox"/> Major revision	topic of the manuscript:
<input type="checkbox"/> publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Rejection	<input type="checkbox"/> Advanced
			<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**



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No comments to the authors.

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- No



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**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 51753

**Title:** Plasma exchange in patients with acute and acute-on-chronic liver failure: A systematic review

**Reviewer's code:** 00503215

**Position:** Editorial Board

**Academic degree:** CCST, FRCP (Hon), MD

**Professional title:** Doctor, Assistant Professor

**Reviewer's country:** India

**Author's country:** Singapore

**Reviewer chosen by:** Artificial Intelligence Technique

**Reviewer accepted review:** 2019-10-07 01:29

**Reviewer performed review:** 2019-10-23 15:33

**Review time:** 16 Days and 14 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

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Nice review article. Can be improved with some figures particularly if possible with forest plot

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- No