

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 46937

Title: Application of pulse index continuous cardiac output system in elderly patients with acute myocardial infarction complicated by cardiogenic shock: A prospective randomized study

Reviewer's code: 00506014

Reviewer's country: Taiwan

Science editor: Ying Dou

Reviewer accepted review: 2019-03-30 15:17

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Review time: 5 Days and 15 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 checked="" 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 type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

1. Cardiogenic shock (CS) is a critical syndrome characterized by tissue hypoperfusion resulting from cardiac failure associated with high mortality. Invasive monitoring (such



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as Pulmonary artery Swan-Ganz catheter PAC) is not necessary for establishing a diagnosis of CS, but is helpful in determining treatment strategy and monitoring response to treatment. PAC is invasive and it's use was not shown to impact mortality. 2. In centers with expertise, the rate of periprocedural complication from PAC is relatively low and PAC afford continuous parameters help to accurately discriminate between different types of shock and guide management. 3. PiCCO is a minimal invasive technics and could afford analyzing microcirculation efficacy provide additional value in differentiating types of shock and guide therapy, but have not yet reached as a standard routine clinical use. 4. This is an interesting and prospective and study and PiCCO may be an alternative choice for such critical situation.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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