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## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 13289

**Title:** When sepsis affects the heart: A case report and literature review

**Reviewer's code:** 02445605

**Reviewer's country:** Austria

**Science editor:** Xue-Mei Gong

**Date sent for review:** 2014-08-25 08:39

**Date reviewed:** 2014-09-11 16:34

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

### COMMENTS TO AUTHORS

The presented manuscript is a case report on a septic patient with cardiac involvement. The title of the manuscript (literature review) suggests that the manuscript would also provide an overview of the existing literature on this topic, which is only partly the case. The manuscript would substantially be improved by providing a more extensive literature overview. e.g. ISRN Cardiology 2013, 723435; Clin Res Cardiol. 2014 Jul;103(7):561-7, and many others.



### ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 13289

**Title:** When sepsis affects the heart: A case report and literature review

**Reviewer's code:** 02602138

**Reviewer's country:** Iran

**Science editor:** Xue-Mei Gong

**Date sent for review:** 2014-08-25 08:39

**Date reviewed:** 2014-11-19 21:41

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
		BPG Search:	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

### COMMENTS TO AUTHORS

This manuscript is aimed to report a case of cardiac involvement during severe sepsis and to discuss the case based on literature review. This is very important clinical issue as the rate of mortality in septic patients with cardiac involvement is very high. The main critic is that the authors are not focused on the main goal. If they want to discuss cardiac involvement they should first of all talk about differential diagnosis in this patient and rule out them to specify the exact diagnosis and then discuss that diagnosis further with comprehensive review of the literature. The main topic to be addressed probably is Takotsubo syndrome. The authors have not definitely discussed the possible similarities and differences between their case and Takotsubo syndrome. The text integrity is possible to be enhanced. A long paragraph about hypotension at the beginning of discussion, is recommended to be substituted with the one about differential diagnosis. Then, they can continue with their main diagnoses (Takotsubo syndrome, etc) and diagnostic points (troponin, BNP, ...). Inotropic drugs be discussed with more details and related references be deleted from the text body. Moreover, there are sentences that probably need to be rewritten to be more clear such as these ones: "Myocardial dysfunction in sepsis could be an outcome of the direct action of different mediators or



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the effect of the increased release of catecholamines whose hyperdynamic state is an expression of sepsis. " "Therefore, our patient, TakoTusubo not Takotsubo, had survived sepsis that had affected her heart ." The other main problem is paucity of references in this manuscript. There are many statements without any cited publication to support it. Table for data lab is better to be more concise by omitting non relevant tests.