

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 47809

Title: Pericardial Decompression Syndrome: A Comprehensive Review

Reviewer's code: 03650328

Position: Editorial Board

Academic degree: FRCP (C),MD,MSc

Professional title: Assistant Professor

Reviewer's country: Canada

Author's country: United States

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2019-05-16 15:44

Reviewer performed review: 2019-05-19 02:01

Review time: 2 Days and 10 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	(High priority)	<input type="checkbox"/> Anonymous
<input 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 type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Well-written case report and literature review. Very nice figures. Comments: 1. The

swinging sign is mentioned but not defined. Please define. Can the authors comment on other signs of tamponade including TV inflow respiratory variation? RA collapse? MV inflow variation with respiration? 2. What was the initial LVEF? What was the LVEF after the patient's decompensation post-pericardiocentesis? Since the author's mention LV dysfunction as a potential risk factor for PDS, I think it is important to include this information. 3. Was an estimate of the RVSP from the TR jet possible after decompensation? 4. Were any biomarkers (troponin or BNP) measured? 5. Explain what the arrows are indicating in Figure 4.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No