

## PEER-REVIEW REPORT WITH ANSWERS of THE AUTHOR

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 39032

**Title:** Undiscovered Pathology of Transient Scaffolding-Associated Arterial Remodeling Remains a Driver of Failures in Clinical Trials: A Systematic Review of Some Lessons From Bench and Bedside Multimodality Imaging Studies of Polymeric Bioresorbable Scaffolds

**Reviewer's code:** 00227375

**Reviewer's country:** Japan

**Science editor:** Li-Jun Cui

**Date sent for review:** 2018-04-10

**Date reviewed:** 2018-04-11

**Review time:** 1 Day

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

This is an excellent systematic review about the multimodality imaging studies of



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bioresorbable vascular scaffolds. This manuscript is nicely structured and well written.  
I have no question about this manuscript.

#### INITIAL REVIEW OF THE MANUSCRIPT

##### *Google Search:*

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

##### *BPG Search:*

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

##### **ANSWER:**

Many thanks appreciated for this response and appreciation of our research findings in the field. The paper was harmonized according to the provided criticism and recommendations of the editor.

## PEER-REVIEW REPORT

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**Reviewer's code:** 00504150

**Reviewer's country:** Canada

**Science editor:** Li-Jun Cui

**Date sent for review:** 2018-03-28

**Date reviewed:** 2018-04-19

**Review time:** 22 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input 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

The paper is a systematic review of transient scaffold associated arterial remodeling.



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Overall I found the paper extremely well written and well carried out. 1. The title identifies this as a systematic review but may be too long. 2. Abstract: The abstract is structured, states the objectives, and states the main conclusions. It does not state the inclusion/exclusion criteria, databases searched or methods for quality assessment. 3. Methods: The paper does give sufficient detail on how the study was conducted including databases, search criteria, and dates. Two reviewers carried out the searches independently and did not mention a third to judge discrepancies. Inclusion and exclusion criteria were explicitly stated. The author judged study quality using standard criteria. Primary and secondary objectives were clearly stated and the data would be available from the reports. Statistical analysis is well described except that handling of missing data was not considered. Given the nature of the analysis individual patient level data was not available. 4. Results. The paper did not provide a flow diagram of the abstracted data as recommended. Tables were provided that described trial size, intervention, etc. 5. Discussion: The reviewers appeared to be fair but complete in their analysis. They importantly identify the limitations of the data available, particularly the short term follow up and lack of hard endpoints. This study highlights the limitations in our knowledge.

## **INITIAL REVIEW OF THE MANUSCRIPT**

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

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

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



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

**ANSWER:**

Many thanks appreciated for this response and appreciation of our research findings in the field. The paper was harmonized according to the provided criticism and recommendations of the editor.

1. The paper was optimized according to the recommendations of the editor emphasizing the main points.
2. Abstract was harmonized. The only inclusion criterion was the studies of the polymeric bioresorbable scaffolds which is mentioned elsewhere.
3. Methods provide all the necessary info regarding the focus of the paper. The point here is that the only bioresorbable scaffolds in multiple clinical trials in the market today is BVS of Abbott Vascular. Other polymeric scaffolds are not properly studied yet to get examined.
4. The flow diagram is simply not applicable in our case. The table as it was mentioned is comprehensive enough.
5. We totally agree with a reviewer. I would underline that one of the objectives was actually to emphasize the most challenging points in ABSORB studies as well as a way how those results were interpreted and adapted for the real clinical practice.

**Comments to the editor:**

Dear Sir/ Madam,

Herewith I would:

- 1) Confirm that my figures are original or adapted for publication and I have all the rights and provide you with a permission approval. Do you need it as a Letter? Please, inform me about the way to grant this permission.
- 2) I would confirm the amendments in the paper. Regretfully I cannot track all the corrections of the editor merely because the file was saved without tracking. I have compared the files in the compatibility mode matching the previous version with the current one. It looks like you just elaborated some Journal's info.
- 3) I have corrected my affiliation slightly with my new address.