

## PEER-REVIEW REPORT

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

**Manuscript NO:** 48756

**Title:** Is there a role for ischemia detection after an acute myocardial infarction?

**Reviewer's code:** 03551035

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor

**Reviewer's country:** Romania

**Author's country:** Spain

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2019-06-04 12:18

**Reviewer performed review:** 2019-06-06 09:38

**Review time:** 1 Day and 21 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 checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input 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

The manuscript by Peteiro and Bouzas-Mosquera discusses a topic undergoing intense



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study and interest at the present time, namely the role for ischemia detection after an acute myocardial infarction. The writing is clear. There are only some minor concerns related to the paper. Firstly, an abstract should be provided along with the manuscript core tip. Secondly, the latest ESC/EACTS guidelines on myocardial revascularization should be cited (Neumann, Franz-Josef, et al. "2018 ESC/EACTS guidelines on myocardial revascularization." *European heart journal* 40.2 (2018): 87-165.).

#### **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 Cardiology

**Manuscript NO:** 48756

**Title:** Is there a role for ischemia detection after an acute myocardial infarction?

**Reviewer's code:** 00225357

**Position:** Peer Reviewer

**Academic degree:**

**Professional title:**

**Reviewer's country:** Italy

**Author's country:** Spain

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2019-07-26 07:42

**Reviewer performed review:** 2019-07-30 09:17

**Review time:** 4 Days and 1 Hour

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 checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" 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 checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input 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

This is an interesting and timing review of the literature on the usefulness of



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non-invasive testing in post-AMI (both STEMI and NSTEMI) patients. The use of non-invasive testing in post-AMI patients remains reserved only to selected subjects with multi vessel disease. However, non-invasive testing, as Authors demonstrate is an excellent gate-keeper to further revascularization and is also an excellent risk-stratifier. The manuscript reviews the main studies and results on this issue providing a balanced view on advantages and limitations. There are, however, some, issues left unaddressed: 1. Exercise and pharmacologic testing do identify patients at different risk of future events. It is well established that those who cannot exercise show a significantly worse outcome. Please comment. 2. Not all tests are created equal and stress echocardiography has advantages and limitations over perfusion testing. This should be discussed. 3. There is no mention to the potential role of more advanced stress echo techniques such as the assessment of coronary flow reserve or GLS. 4. There is no mention of the potential role of CT scanning in this setting. 5. Please address the widespread use of testing these patients on medical therapy and the potential drawback of false negative results in this setting. 6. It would be very valuable for the readership of the journal to have a paragraph on the clinical implications of these results and on the approach of these authors to their real clinical world. Minor There are a few typos throughout the manuscript that should be corrected. Please note that dipyridamol should read dypiridamole.

## **INITIAL REVIEW OF THE MANUSCRIPT**

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

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



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*BPG Search:*

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- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 48756

**Title:** Is there a role for ischemia detection after an acute myocardial infarction?

**Reviewer's code:** 00227375

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor

**Reviewer's country:** Japan

**Author's country:** Spain

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2019-08-03 09:23

**Reviewer performed review:** 2019-08-05 00:37

**Review time:** 1 Day and 15 Hours

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

This is an excellent review about the role for detection of ischemia in non-infarcted



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related artery after acute myocardial infarction. This manuscript is nicely structured and well written. I have no question about this manuscript.

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

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

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- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

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

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

## PEER-REVIEW REPORT

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

**Manuscript NO:** 48756

**Title:** Is there a role for ischemia detection after an acute myocardial infarction?

**Reviewer's code:** 02641731

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Associate Professor

**Reviewer's country:** Japan

**Author's country:** Spain

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2019-07-26 03:22

**Reviewer performed review:** 2019-08-06 06:53

**Review time:** 11 Days 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 checked="" type="checkbox"/> Grade B: Very good	<input checked="" 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 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

The authors attempted to review a role for ischemia detection in multivessel disease





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after an acute myocardial infarction. This topic is very actual and clinically relevant. I have no additional comments for this editorial.

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

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

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

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

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