

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Radiology

**Manuscript NO:** 39235

**Title:** Low-Radiation and High Image Quality Coronary CT Angiography in “Real-World” Unselected Patients

**Reviewer’s code:** 02669684

**Reviewer’s country:** Egypt

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-05-04

**Date reviewed:** 2018-05-05

**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 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

topic is of interest. study is well designed and of great important to clarify dose reduction techniques. the authors give general idea about the dose reduction, but evaluation of the factors of the dose reduction and significance of each factor well added



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much.

#### INITIAL REVIEW OF THE MANUSCRIPT

##### *Google Search:*

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

##### *BPG Search:*

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**Name of journal:** World Journal of Radiology

**Manuscript NO:** 39235

**Title:** Low-Radiation and High Image Quality Coronary CT Angiography in “Real-World” Unselected Patients

**Reviewer’s code:** 00503199

**Reviewer’s country:** Greece

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-05-04

**Date reviewed:** 2018-05-20

**Review time:** 16 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 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 type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" 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 checked="" 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

Major comments 1. Main limitation of this study is that the definition of the quality of the images was subjective and performed by the authors. In addition no correlation is reported with the gold standard coronary angiography to see if this protocol-technique



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is clinically adequate. You should mention these limitations in the discussion 2. Which are the characteristics of the patients with poor quality images? It is important to identify them, in order to establish indications for the use of this low radiation protocol-technique only in those that we will have at least good quality images 3. In a paragraph provide the clinical implications of this study (in view of the limitations)

Minor comments Abstract: DLP: explain

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## PEER-REVIEW REPORT

**Name of journal:** World Journal of Radiology

**Manuscript NO:** 39235

**Title:** Low-Radiation and High Image Quality Coronary CT Angiography in “Real-World” Unselected Patients

**Reviewer’s code:** 02446542

**Reviewer’s country:** Greece

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-05-04

**Date reviewed:** 2018-05-22

**Review time:** 18 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 type="checkbox"/> Grade B: Very good	<input 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
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		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
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			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

The manuscript describes the protocol which is performed in the specific institution.

Main limitations of this study are the following: 1. There is no correlation in the Discussion paragraph with the protocols which are adopted in other hospitals. Also, it



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would be useful to have some data from the patients who underwent interventional coronary angiograms in order to compare the findings. 2. Data such as BMI are lacking. The results of the study concern selected patient population without AF who are not overweight. Moreover, authors should define clearly the specific characteristics of the patients with poor quality images.

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