



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 polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	Peer-reviewer’s expertise on the topic of the manuscript:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Minor revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input type="checkbox"/> General
		<input type="checkbox"/> Rejection	<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

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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: 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 polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	Peer-reviewer’s expertise on the topic of the manuscript:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Minor revision	<input checked="" type="checkbox"/> Advanced
		<input checked="" type="checkbox"/> Major revision	<input type="checkbox"/> General
		<input type="checkbox"/> Rejection	<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 polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good		<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	Peer-reviewer’s expertise on the topic of the manuscript:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Minor revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<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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