



**Baishideng
Publishing
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PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 39299

Title: Newer echocardiographic techniques for aortic-valve imaging: clinical aids today, clinical practice tomorrow

Reviewer's code: 00233953

Reviewer's country: United States

Science editor: Jin-Lei Wang

Date sent for review: 2018-05-03

Date reviewed: 2018-05-04

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 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 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

Interesting review there are no specific comments

INITIAL REVIEW OF THE MANUSCRIPT



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PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 39299

Title: Newer echocardiographic techniques for aortic-valve imaging: clinical aids today, clinical practice tomorrow

Reviewer's code: 03722832

Reviewer's country: India

Science editor: Jin-Lei Wang

Date sent for review: 2018-05-10

Date reviewed: 2018-05-11

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 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 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 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

Dear author I do appreciate your effort writing this review .Your review title is looking for aortic valve and you are looking into left ventricle in aortic stenosis and aortic regurgitation .Dear author you do follow the PRISMA checklist to write this review



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which is also included in the guideline for the author for this journal. Thanking you

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PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 39299

Title: Newer echocardiographic techniques for aortic-valve imaging: clinical aids today, clinical practice tomorrow

Reviewer's code: 01204088

Reviewer's country: Japan

Science editor: Jin-Lei Wang

Date sent for review: 2018-05-10

Date reviewed: 2018-05-13

Review time: 2 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 checked="" 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

Tiwari et al. reviewed newer echocardiographic techniques for aortic-valve imaging and concluded they are likely to become the new norm. Although this review is interesting, I have several comments for further improvement of the manuscript. Figure 1. Not



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only strains but also rotations are shown in this Figure. It is better to use different colors for arrows for strains and rotations. Moreover, figure legends for the Figure is too short to understand what this figure is indicating. Figure 2. It is hard to understand what this figure means. Please explain how 2D-ECHO, 3D-ECHO, GCS, GLS, and TRS in the left vertical axis are related to Stages or symptoms of AS. Page 22, List of abbreviations. Some abbreviations, such as Apical rotation [ApRot] , 2D, and 3D, are not listed.

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PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 39299

Title: Newer echocardiographic techniques for aortic-valve imaging: clinical aids today, clinical practice tomorrow

Reviewer's code: 00227375

Reviewer's country: Japan

Science editor: Jin-Lei Wang

Date sent for review: 2018-05-10

Date reviewed: 2018-05-14

Review time: 3 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input checked="" 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 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 systematic review about the role of newer echocardiographic techniques in the management of AS and AR. This manuscript is nicely structured and well written. I have no question about this manuscript.

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