

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 34066

Title: Clinical outcomes of tricuspid valve repair accompanying left-sided heart disease

Reviewer's code: 00742373

Reviewer's country: United States

Science editor: Xiu-Xia Song

Date sent for review: 2016-12-12

Date reviewed: 2016-12-19

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

The study aimed the need of concomitant tricuspid annuloplasty for an early correction of the left-side heart disease. The author conducted retrospective multivariate analysis for significant variables in univariate analyses in 180 cases with tricuspid annuloplasty. The 5-10 years followup observation find out the risk factors for mortality were acute endocarditis, ischemic heart disease requiring myocardial revascularization, and aortic valve stenosis. Significant predictive factors from univariate analyses were double-valve replacement combined with tricuspid annuloplasty and preoperatively impaired erection fraction. The author concluded that tricuspid annuloplasty should be used more often as concomitant procedure if relevant tricuspid regurgitation is present. The study suggests that the predictor scores could be shorten to a simple Euroscore-tricuspid of only 7 imputs. Functional tricuspid regurgitation may be frequently found in patients undergoing cardiac surgery from other reasons. It will become more severe over time if not corrected during first surgery. It is significant to have a investigation on the outcomes of tricuspid valve repair accompanying left-sided heart disease surgery. This

manuscript retrospectively investigated this topic, discussed the advantages of the correction surgery at the same time, analyzed the risk factors and concluded to simplify using the predictive factors. Suggestions: * Suggest rewrite the sentences of the second paragraph in the result section in abstract. (Other results of the study is ..., make it simple and clear) * Line 3 in the second paragraph of instruction, But the as displayed in this work (delete "the",) * In second paragraph of results, the author says "When tricuspid regurgitation was functional, the main cause was degenerative mitral valve disease. When tricuspid regurgitation was organic, the predominant pathologies were rheumatism disease and infectious endocarditis, 9 of them undergoing urgent surgery for acute endocarditis (Table 1).", but we didn't see the detail of of numbers in the table 1. Please add the details of the numbers of the description. * In the second paragraph of page 7. The detail information of the heart condition of the died patient is suggested to provide. Readers may want to see if these patients have more severe heart condition before surgery. * Suggest combine table 2 and table 3 together then readers have a very clear comparison between pre-operation and post-operation.

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 31056

Title: Clinical outcomes of tricuspid valve repair accompanying left-sided heart disease

Reviewer's code: 02446043

Reviewer's country: Malaysia

Science editor: Xiu-Xia Song

Date sent for review: 2016-12-12

Date reviewed: 2017-01-01

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input checked="" type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

An interesting series of 180 cases of tricuspid valve annuloplasty from which authors identify factors predicting adverse outcomes. The authors need to; i) revise references to suit guidelines for this journal ii) correct spelling errors and rephrase wording for some sections which are not easy to understand