



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 37933

**Title:** Preventive fraction of physical fitness on risk factors in cardiac patients: retrospective epidemiological study

**Reviewer's code:** 02702057

**Reviewer's country:** Italy

**Science editor:** Na Ma

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**Review time:** 4 Days

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 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"/> 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 type="checkbox"/> Plagiarism	<input checked="" 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**

The article titled "Preventive fraction of physical fitness on risk factors in cardiac patients: retrospective epidemiological study" fits very well with the aim and purpose of the journal. The authors concluded that this study demonstrated that a normal physical fitness level induces a preventive action for most risk factors studied and that a high level of physical fitness does not necessarily lead to a better preventive fraction. Our work provides new insights on the aggregate role of physical fitness in the development of cardiovascular risk factors. The work is good, interesting and fluent. The experiments are adequate and the results are well presented. Moreover, the state of the art/background is poor, also there are some minor concerns that need to be addressed before recommending publication. Please reformulate and shortened the abstract in a more fluent form and please add the aim of this study. Please improve and reformulate



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better the introduction section, it misses in important and fundamental details. It must be improved and updated. The authors should go deeper into different and relevant aspect of physical activity as non-pharmacologic treatment for different disorders. I recommend checking the above recent and interesting papers or others and refer to them in relation to the study topic: Liver Int. 2016 Mar;36(3):427-33. Histol Histopathol. 2014 Jun;29(6):707-19 World J Orthop. 2015 Nov 18;6(10):762-9. J Nutr Biochem. 2013 Dec;24(12):2064-75. Acta Histochem. 2014 Jan;116(1):61-9. Scand J Med Sci Sports. 2015 Apr;25(2):e222-30.