



SDI Review Form 1.6

Journal Name:	Annual Research & Review in Biology
Manuscript Number:	2013_ARRB_7229
Title of the Manuscript:	Initial insight to effect of exercise on maximum pressure in the aortic root using 2D fluid-structure interaction model
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<u>Compulsory</u> REVISION comments	<ul style="list-style-type: none">- Very poorly written. There are several grammar mistakes and the sentences are confusing. The authors fail to explain their view clearly.- In the title, authors say about the aortic root pressure while the manuscript describes about the left ventricular pressure. Do you want to relate them in any way?- Only one patient in the study? Publishing data from one patient is not recommended.- How did you employ the mesh? Invasive procedure is not well explained in the methods.- Separate the results from the methods section- Is the pressure variations observed are significant? Again its only one patient and even it's not worth to apply statistics	



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	<ul style="list-style-type: none">- Explain the clinical significance in detail- Overall, this is a very poor manuscript-badly written and authors failed to isolate the clinical impact of their method firmly by not using multiple subjects.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Note: Anonymous Reviewer