



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_8908
Title of the Manuscript:	AN INVESTIGATION ON SILICONE AND SILICONE RUBBER STENTS IN COMPARISON WITH STAINLESS STEEL STENTS: INTRODUCING A DOUBLE LAYER STENT MODEL
Type of the Article	Scientific Research

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.

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(<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 (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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	1: Equation (1) should have a description of the parameters. 2: Figure 2 needs axis labels. 3: There are not variation errors (standard deviation) in table 1, table 2 4: All figures need axis labels and units. 5: There is not a parameter talking about correlations between behaviour of the signals, so, authors present a qualitative study. 6: Captions of figures 9 to 11 need a description about their behaviour differences 7: How far are these results similar to the reality. I suggest having a real signal be measured in order to talk about behaviour of it vs. these generated signals.	1. Done 2 . It was there but it seems they move on emailing the file. I' ll take care of this. 3. I calculated rms values 4. Units are mentioned in caption and axis labels 7. This is a mathematical model employed to show mechanical response of the suggested materials. Comparison with real biological materials is implemented through the insertion of their actual reported properties in the proposed mathematical model. Table 1 shows a comparison of rms values of results produced in each case.
<u>Optional/General</u> comments	Despite, authors never say something about the samples' origin. on the other hand, Authors say that this work is an extended reported model 27. M. A. El-Naggar, "A double layer arterial wall model under pulsating blood pressure", Proceedings of the biological effects of the EMFs, 4 th international	



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	workshop, Crete, Greece, Vol.1, pp. 1412-1418, Oct. 2006	
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