

-----Original Message-----

From: XXX YYY<xxx@yyy.zzz>

Sent: Thu, Feb 27, 2014 at 1:39 PM

To: Managing Editor

Subject: Re: Request for final decision for manuscript number 2014/BJAST/8908

I can accept publication of the paper after inclusion of the numerous editorial amendments. The paper is scientifically sound and worth of publication, however the number of editorial shortcomings has restrained me to accept the publication at the moment. Below please find an attachment (editorial review) listing the necessary amendments.

Attached Part:

**Editorial remarks to the paper entitled
„An investigation on silicone and silicone rubber stents in comparison with stainless
steel stents: Introducing a double layer stent model”
by
M. A. El-Naggar**

Even though the paper is scientifically sound and worth of publication, its editorial quality is insufficient. Below please find the amendments that have to be made.

1. **Page 1, the heading.** The author's name is missing below the paper title.
2. **Page 1, line 6.** Remove "(Arial, Bold, 11 font, left aligned, caps)" from this line.
3. **Page 1, the abstract.** Add comma, i.e. we should have "...compatible as well, since they do not...".
4. **Page 1, the last sentence of the first paragraph of the abstract.** Explain what the abbreviation EMF is – please write "...induced by electromagnetic field (EMF) exposure."
5. **Page 1, Methodology.** Please insert space between "release" and "4" so as to have "release 4" instead of "release4".
6. **Page 1, Results.** Please divide the first sentence into two shorter sentences in order to have "...response of steel, silicone and silicone rubber. They are compared to the inner two layers...".
7. **Page 2, the third paragraph of the INTRODUCTION.** Please remove "while" – it seems redundant. I propose "...plastic deformation may occur. F. Fluckinger et al. [8] held...". Alternatively you may remain "while" and write "...plastic deformation may occur, while F. Fluckinger et al. [8] held...". Please note that a space has to be inserted between "et al." and "[8]".

8. **Page 3, line 1.** I propose “non-axis” instead of “non axis”.
9. **Page 3, line 9.** I propose “pseudo-strain” instead of “pseudo strain”.
10. **Page 3, the third paragraph.** I would replace “enjoy” with “possess” and write “...materials that possess suitable compliance and distensibility”.
11. **Page 3, the fourth paragraph.** I recommend to write “...a double layer of silicone and silicone rubber tubular...” instead of “...a double layer of silicone - silicone rubber tubular...”. In your version the usage of dash “-” seems to be incorrect in this context.
12. **Page 3, the last but two line of this page.** Please insert space in front of the figure number. We should have “fig. 1” instead of “fig.1”. **Please check the entire paper and all references to figure numbers in the text of the paper and add spaces when missing.**
13. **Page 4, the captions of figures 1, 2 and 3.** In my printed version of the paper the captions are placed above the figures. **Please check the final formatting of the paper in order to avoid such a situation.**
14. **Page 4, figure captions.** We should have “Fig. 1”, “Fig. 2” and “Fig. 3” instead of “Fig.1”, “Fig.2” and “Fig.3” – please insert spaces before the figure numbers. **It is crucial that you check all figure captions (from fig. 1 up to fig. 15) of the paper in this respect.**
15. **Page 4, fig. 3.** I can see three layer stent in figure 3 instead of double layer stent. You have four circles in the figure instead of three circles. The number of the circles should be equal the number of layers + 1, as in figure 1. Correct this or comment the situation in the text, if I am not right.
16. **Page 4, the second paragraph.** The figures and numbers should not be italic. We should have “2T” instead of “*2T*” and also “1 s” instead of “*1s*”. Please note that units also should not be italic – so “s” instead of “*s*”. I also recommend to insert space between the numbers and the units. You **have check the entire paper for the corrections of these three types. You have a lot of inconsistencies in the text.**
17. **Page 4.** You use the following notation “*P_r(t)*” instead of “*P_r(t)*” – the standard nomenclature requires that parentheses are not italic. You have many, many mistakes of this type in the text. **So, please check the entire paper, i.e. find all other symbols using parentheses, and replace the italic parentheses with plain ones.**
18. **Page 4, the equation describing $P_r(t)$.** You use different fonts for the same quantities in the equation editor (Times New Roman font – $P_r(t)$) and in the text (Arial or Calibri fonts – $P_r(t)$). This makes reading and comprehending of the paper difficult. You have to use only one font for all mathematical quantities in equations and in the text. Please proceed this way in the case of all mathematical quantities – you may consult what font to chose on the journal website.
19. **Page 4, the second paragraph.** You have “fig.(2)” instead of “fig. 2”. Two mistakes – the redundant parentheses and the missing space in front of “2”. **Please check the references to all other figures in the text as you have more mistakes of these two types.** You should also have “...in fig. 2, [27].” – the space has to be added in front of “[27]”.
20. **Page 4, Double Layer Stent.** We should have “DOUBLE LAYER STENT” instead of “Double Layer Stent” and “MATHEMATICAL ANALYSIS” instead of “Mathematical Analysis”.
21. **Page 4, Double Layer Stent.** You have “fig.(3)” instead of “fig. 3”. Two mistakes – the redundant parentheses and the missing space in front of “3”. **Please check the references to**

all other figures in the text as you have more mistakes of these two types.

22. **Page 4, Double Layer Stent.** I recommend to write “The double layer silicone and silicone rubber stent” instead of “The silicone - silicone rubber double layer stent”. In your version the usage of dash “-” seems to be incorrect in this context. In the same paragraph you also have “The double layer silicone-silicon rubber stent” which also seems not to be correct – please write “The double layer silicone and silicon rubber stent” instead.

23. **Page 4, Double Layer Stent.** “2.2 mm” instead of “2.2mm” – the space is missing.

24. **Page 4, Mathematical Analysis, the first sentence.** I propose “...pressure pulses, $P_r(t)$, described by eq. (1), is employed in...” instead of “...pressure pulses, $P_r(t)$, eq.(1) is employed in...”. Note that the space was added in front of “(1)” in my proposition.

25. **Page 4, Mathematical Analysis, the last sentence on this page.** I propose to add comma “,” and write “In other words, thus the stress on...”.

26. **Page 4, the last line.** You should have “ $T_1(t)=P_1(t)-P_2(t);$ ” instead of “ $T_1(t)=P_1(t)-P_2(t) ;$ ” – the space after “ $P_2(t)$ ” is redundant. **Please correct the mistakes of this type in the entire paper.**

27. **Page 5.** You have to perform the corrections analogous to points 17, 18 on this page. Also, the indices which are figures should not be italic in the formulas on this page. **Please make the same corrections on the next pages.**

28. **Page 5, line 4.** Time “ t ” is a variable. It should be italic instead of “t” (2 times in this line).

29. **Page 5, equation (4).** In my printed version of the paper three components $r_1'(t)$, $r_1''(t)$, $r_1'''(t)$ of $r_1(t)$ are not written in accordance with standards, i.e. you have the following misleading structure of the equations:

$$\begin{array}{c} A \\ r_1'(t)=\Sigma xB \\ xC \end{array}$$

instead of the standard structure:

$$\begin{array}{c} r_1'(t)=\Sigma A \\ xB \\ xC \end{array}$$

30. **Page 5, equation (4).** There is no information how three components of $r_1(t)$ were obtained from the preceding equations (1)-(3) and what is the physical meaning of these components, if any. Please add some more data in this respect.

31. **Page 6.** You have to perform the corrections analogous to points 16, 17, 18 on this page. Also, the indices which are figures should not be italic in the formulas on this page. Some example of wrong notation are “ $P_0=1.6kPa$ ” instead of “ $P_0=1.6 \text{ kPa}$ ”, “ $2T$ ” instead of “ $2T^\circ$ ”, “ $1s$ ” instead of “ 1 s ”, “ $e_1(t)$ ” instead of “ $e_1(t)$ ”. **Please make similar corrections on the next pages.**

32. **Page 6, the second line below eq. (4).** “ i ” in “ $(B_1+i\delta_{01})$ ” has not been defined. Is it the imaginary unit? Please define it.

33. **Page 6, the second line below eq. (4).** Please write “...as phase lag angle and the harmonics angle of the inner layer, respectively.” – “as” has been replaced with “and” and coma “,” was added.

34. **Page 6, SINGLE LAYER STENT.** You should write “The root mean square (RMS) value...”

instead of “The *RMS* value...” Besides, the is not a quantity or variable – it should not be italic (2 times in this paragraph).

35. **Page 6, SINGLE LAYER STENT.** “This time vibration” seems redundant as nothing of this type is presented in fig. 4. Please write “...earlier [27]. The strain response...”

36. **Page 6, SINGLE LAYER STENT, the last sentence of the first paragraph.** Please write “ $W(t)$ (W/cm^3 , $W \equiv Watt$)” instead of the current version, i.e. “ $W(t)$ (watt/ cm^3)”

37. **Page 7, figures 4, 5, 6 and 7.** In my printed version of the paper the captions and component charts within the figures overlap one another. Please check the final formatting of these figures.

38. **Page 7, the caption of figure 4.** Please write “a) Silicone b) Silicone rubber c) Steel” instead of the “a) Silicone b)Silicone rubber c) Steel” – one space is redundant and one is missing.

39. **Page 8, DOUBLE LAYER STENT.** You have to perform the corrections analogous to points 17, 18, 19 on this page. Also, the indices which are numbers should not be italic in the symbols on this page. “RMS” should not be italic.

40. **Page 8, just above Table 2.** Write “Table 2” instead of “Table2”. Also write “...to the exponential rise and exponential decay radial stress applied...” instead of the current version.

41. **Page 8, just below Table 2.** Write “...in figs. 8-11.” or “...in figs. 8, 9, 10 and 11.” instead of “...in figs.(8), (9), (10), (11).”

42. **Page 9, caption of figure 8 and figure 9.** The caption should not be written with bold face font. “ t ” is missing in the description of the horizontal axis in the right hand side chart of figure 9.

43. **Figures 8-15.** “ t ” which is the horizontal axis variable is placed in different location in each of the listed figures. Check the final formatting of the figures and the paper.

44. **Page 11, above figure 12.** Write “...in figs. 12-15, respectively.” or “...in figs. 12, 13, 14 and 15, respectively.” instead of “...in figs.(12), (13), (14), (15), respectively.”

45. **Page 14.** There is no discussion of the results presented in figs. 8-15. Please add a brief discussion as a separate section. Please write shortly what can be seen in the figures. Comment on the differences for different materials of the stent. Note that the conclusions presented in CONCLUSION should result from this discussion.

46. **Page 14, CONCLUSION.** Please write “...blood pressure, etc.” Instead of “...blood pressure, .etc.” – the full stop is redundant.

47. **Page 14, CONCLUSION.** “100-400 mW/cm^2 ” instead of “100-400mW/ cm^2 ” and “62.8-251.2 mW ” instead of “62.8mW-251.2mW”.

48. **Page 14, COMPETENG INTERESTS.** Please write >>The authors declare that no competing interests exist. << instead of “Authors have declared that no competing interests exist.” Do not use quotation marks.

49. **REFERENCES.** Each position in REFERENCES has to be double checked by the author. There are many inconsistencies in the format of the included references. Please consult the journal requirements in this respect. The examples of the most often mistakes are: “D.L. Fischman” instead of “D. L. Fischman”, “MD Poemer” instead of “M. D. Poemer”, “Fung Y C” instead of “Y. C. Fung”, “pp.341-349” instead of “pp. 341-349”, “Schultze-Bauer and Holzapfel” – the first names are missing, “10” instead of “[10]”, wrong volume and page numbers either in [7] or [10] – they

are repeated for different works, “Am J Physiol” instead of “Am. J. Physiol.”, and others that have to be detected and corrected by the author.

50. **APPENDIX.** Please remove the appendix number (“appendix 1” – the reference on page 4, check also other pages) from the text as there is only one appendix in the paper. I have the caption above fig. 16 – please check the formatting. Also “fig. 16” instead of “fig.16”. Additionally, different font types and sizes applied in the appendix – please rectify this. Follow also point 17 and 18.

Editor’s Details:

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Note: Modification was done in this document ONLY to hide the email id.