Author’s response to reviews

Title: A Comparison of Balloon Injury Models of Endovascular Lesions in Rat Arteries

Authors:

Edward EE Gabeler (gabler@bc1.fgg.eur.nl)
Richard van Hillergersberg (r.vanhillegersberg@12move.nl)
Randolph G Statius van Eps (rg.vaneps@worldonline.nl)
Wim Sluiter (sluiter@bc1.fgg.eur.nl)
Elma Gussenhoven (elma.gussenhoven@12move.nl)
Paul Mulder (Mulder@epib.fgg.eur.nl)
Hero van Urk (vanurk@hlkd.azr.nl)

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Corrections : BMC IH model

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Referee : Dr PR Caramori

1. The title has been adapted. (pag.1)
2. LLL is now defined as loss of lumen diameter (LLD) to prevent any misinterpretation with the reservec
definition of late lumen loss LLL (pag 2: l. 9 and 9: l.10)
3. The conclusions in the abstract are derived from the conclusions in the discussion and are comparable. (pag. 2:l. 18-24 and 15:l.7-14)
4. The 2e sentenced is now more explained in the introduction. (pag. 3: l.2-6)
5. In the introduction, the role of CCA in the rat is now compared with the larger animal models like the
rabbit and pig models. (pag. 3:l.13-30)
6. The correction for weight is more explained in the methods. (pag. 9; l.18-23)
7. It has been incorporated. (pag. 9:l.23 and pag. 11 section: number ofaE. )
8. This issue has shortly been discussed in the discussion. In our study, the balloon injury was
standardized by using 2 bar with the corresponding dilation. Thus, comparisons could be made (pag.
12; l.18-19 and pag. 14: l. 20-24)
9. The linear association has been described to prevent any dualistic interpretations in the section LLD.
(pag. 10 section LLD: l.2)
10. It has been adapted. (pag.22 and 23)
11. Considered not necessary.
12. Considered not necessary.

Referee : Dr Jean McEwan

1. The title has been modified and is now more concise and representative for the performed studies.
Further, the practical consequences for endovascular based studies are shortly
discussed. (pag. 3:l.9, pag. 4:l.11-15, pag. 11:l.5)
2. The rat model is compared with larger animal models in the introduction. (pag. 3:l. 13-30)
3. Both in the introducion as in the discussion, the rat model and the larger rabbit and pig models are
discussed. (pag. 3:l.13-30 and pag.12:l.5-6 and l. 22-24, pag.13:l.5-13)
4. It has been adapted. (see 3.)

Referee: Dr Keith Robinson

1. The definition of LLL has been modified in the abstract and in the methods. (pag 2; l. 9 and 9; l.10)
2. The role of CCA and other restenosis-models are discussed in the introduction and in the discussion. (pag. 3:l.13-30 and pag.12:l.5-6 and l. 22-24, pag.13:l.5-13)
3. It has been adapted. (pag.3:l2)
4. It has been adapted. (pag. 7 section balloon injury)
5. It has been incorporated in the introduction and discussion. (pag. 4:l.5-8 and pag:11:l.3 'logistical..')