Reviewer’s report

Title: Accelerated intimal hyperplasia in aortocoronary internal mammary vein grafts in minipigs

Version: 1 Date: 31 January 2008

Reviewer: Guido Dohmen

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Major Compulsory Revisions

1. The quality of written English is not suitable for publication.
2. Results-section: "Luminal area differed not between native vein (1.50-12.07(4.25) mm$^2$) and grafts (0.03-26.08(0.96) mm$^2$)." According to these numbers, there seems to be a big difference (this holds true also for numbers in the table).
3. There is confusion in terms: intimal hyperplasia - neointimal hyperplasia - or even "new intima" (results section); mammary vein - mammaria vein; page 8 methods section: "monoclonal antigen" or rather "antibody"
4. Results section: the author states that no minipig showed "arrhythmia". Did they mean any arrhythmia at all (hard to believe) or rather major ventricular arrhythmia?
5. The literature seems not to be up to date. The newest article dates back to 2004. Because the work of the paper was presented in 2005 during the meeting of the German society of thoracic and cardiovascular surgery (not declared), no updating seems to have taken place. (e.g. Eur J Cardiothorac Surg 2006;30:451-463. T Schachner, G Laufer, J Bonatti: In vivo (animal) models of vein graft disease.

What next?: Reject as not of sufficient priority to merit publishing in this journal

Level of interest: An article of limited interest

Quality of written English: Not suitable for publication unless extensively edited

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.