Reviewer’s report

Title: Do statins modify the risk of delayed graft function in renal transplantation?

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Reviewer: Hallvard Holdaas

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This is a single centre retrospective study examining the effect of statin use in recipients on occurrence of delayed graft function. The study did not show and association between prior statin use in kidney transplant recipients and delayed graft function.

The research question is well defined, appropriate methods, data well presented. Well formulated and easy to read

The general major objection is of course that such a study should have had a RCT-design, preferably double blinded, but the paper has be to assessed as a retrospective analysis.

Well organized sections of background, Results and Discussion. The statistics is assessed as good.

Etiology of ESRD; no diabetes mellitus?

Unnecessary abbreviations, for example COD? Why not write Cause of death. What is cyclist? (I know what a cyclist is!). There is enough space in table 1 to spell out most of the abbreviations.

CIT and WIT, again spell out. What is fraction of hours?

The authors discuss in lengths the discrepancy of findings from experimental experiments to clinical findings. There are also some clinical data, randomized clinical trials, which disclaim pleiotropic effects of statins on clinical graft parameters, i.e. rejections episodes, although claimed to be effective in experimental models. (Transplantation 2001; 72: 223, KI 2001; 60: 1990, Clin Transplant 2001; 15: 173).

The discussion should be somewhat shortened as it is somewhat speculative.

The authors prudently point out the limitation of the study.

In conclusion, the study has interest for the clinical transplant community.

Level of interest: An article of importance in its field

Quality of written English: Acceptable
**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

No conflict of interest