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Prediction of delayed graft function using different scoring algorithms: a single-center experience

Michalak M et al. Prediction of delayed graft function

ESPS manuscript number: 31989

Reply to the Reviewers

Reply to Reviewer 00503228

It is unclear to us which data the reviewer expects when he states “I propose you give the number and percentages of your patients who represented the variable as positives and negative, and also how many in each represented DGF”. To our understanding the study population, the studied variables and the predictive scores applied in this retrospective study were all clearly and extensively described. The performance of the three scores was provided in detail in our study population.

Reply to Reviewer 00054120

We appreciate the comments of the reviewer.

Graft survival at 30 days after transplantation was 100% in patients with DGF and 99% in patients without DGF. Graft (94.6 vs 93.3 %) and patient (92 vs 97%) survival at one year were comparable in patients with or without DGF. However, graft function was worse in the DGF patients, both at 30 days (creatinine clearance according to MDRD formula 31 ± 16 ml/min vs 46 ± 17 ml/min, $p = 0.001$), and at 1 year (42 ± 14 ml/min vs 52 ± 17 ml/min, $p < 0.001$).

Since graft survival, both at 30 days and at one year, was comparable in both groups, it is unlikely that graft survival would be a better outcome parameter (compared to DGF) to evaluate the predictive value of the scores under investigation. In addition, the scores under investigation were not designed to predict graft function, be it at 30 days or at one year. Therefore, we do not think that graft outcome at 30 days or at one year would provide additional information with regard to the performance of the scores under investigation.

These additional data were added in the revised version of our manuscript (First paragraph of the section Results).

Reply to Reviewer 00503185

We acknowledge the comments of the reviewer. Since there were no particular questions from this reviewer, we have no particular reply.