Reviewer’s report

Title: Effect of ulinastatin on post-operative blood loss and allogeneic transfusion in patients receiving cardiac surgery with cardiopulmonary bypass: a prospective randomized controlled study with 10-year follow-up

Version: 0 Date: 25 Mar 2020

Reviewer: Shamil Akhmedov

Reviewer's report:

Personally, I had only one question regarding the design of the study itself. The Material and Methods section indicates that "Study medication in all three groups of patients was pumped intravenously over 10 minutes at two time points, after anaesthesia induction and after administration of protamine".

Of course, the clinical effect of the prescribed drugs can only be evaluated in the earliest postoperative period. In fact, the work itself on evaluating the effectiveness of ulinastatin on post-operative blood loss and allogeneic transfusion in patients receiving cardiac surgery with cardiopulmonary bypass is devoted to this. Surely, even 1 day after the introduction of these drugs in the blood, even traces of the injected drugs will not be detected.

In that case, for what purpose a prospective randomized controlled study with 10-year follow-up?

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