Reviewer's report

Title: Effect of venovenous extracorporeal membrane oxygenation on the heart in a healthy piglet model

Version: 1 Date: 1 May 2013

Reviewer: Nicholas Cavarocchi

Reviewer's report:

I reviewed your manuscript with great interest since this question has arisen in clinical practice. The hypothesis was clear and your evaluation of the question was well done.

All sections introduction, methods, results and discussion followed the rules and were clear and concise. The method section should include the amount and type of fluids given, as this can effect the results as well.

The discussion is good but focuses on the inflammatory response as the source of the myocardial dysfunction but the experiment did not test for these effects. I would suggest to integrate this into the findings in experiment. Some revises to discussion did do it. Grammar - delete all the 'then' and use sentences to compare groups versus 'compared to' see notes on manuscript.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

no