Reviewer's report

Title: The search for valved conduit tissue grafts for adults (>22mm): An ultrasonographic study of jugular vein diameters of horses and cattle

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Reviewer: Rainer G.H. Moosdorf

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The article adresses a basic problem in congenital cardiac surgery, the availability of larger conduits for the reconstruction of the right ventricular outflow tract.

In a first step, it looks for possible xenografts with sizes > 22 mm in large animals. The choice of the four groups of animals seems appropriate to me, as well as the methods used for determining the seize of the jugular veins as possible grafts. These vessels have already been used in congenital surgery, but in smaller seizes and from smaller animals, although being in part from bovine origin. I would suggest, that the authors should look at the experiences with these smaller bovine grafts more extensive in their discussion.

Also, they should revise the article for some minor spelling mistakes.

The statistical methods seem appropriate to me in respect to the questions.

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:

I declare that I have no competing interests.