Reviewer’s report

Title: Sutureless Aortic Valve Replacement in a Calcified Homograft Combined With Mitral Valve Replacement

Version: 0 Date: 05 Jun 2017

Reviewer: Thasee Pillay

Reviewer’s report:

Thank you for this paper.

As much as double valve replacement with a Perceval is of label, it has been carried out on numerous occasions and has been published a few times.

I advise checking on definitions of severe AS. More than 40mmHg is severe and a velocity of >200ms is severe.

The use of a St Jude mechanical prosthesis in concomitant AVR with Perceval is ideal as the valve is a low profile valve and will not interfere with the Perceval prosthesis.

The result of a mean gradient of 29mmHg with a Perceval is unacceptably high. The net result of getting the patient home is commendable but the reduction of mean gradient from 38 to 29 mmHg is not good.

A redo homograft case is an ideal indication for a suture less AVR.

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An article of limited interest

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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