Reviewer’s report

Title: Hybrid procedure for treating adult congenital heart disease with valvular heart disease in two patients

Version: 0 Date: 26 Aug 2019

Reviewer: Bahaaldin Alsoufi

Reviewer's report:

Thank you for providing me with the two case reports to review. The authors report two patients with congenital heart disease. The first had VSD and MR, he underwent perventricular VSD closure (hybrid part) followed by MV repair. The second has PDA and AS, he underwent hybrid PDA device closure following by AVR. The authors wanted to report those two cases to demonstrate the utility of using combination of hybrid and open surgical technology to limit CPB time and improve outcomes.

While the approach that the authors have chosen seems reasonable and successful, arguably, adding PDA surgical PDA or VSD closure would not result in a substantial increase in CPB time that would make a difference in outcome or recovery in the current era of improved CPB technology. Additionally, there is currently technology to address all those lesions in the cath Lab without surgery. I am not sure that the combination of those lesions is interesting or unique enough, and I am not sure that the authors used any new technology that warrants the publication of this submission.

Level of interest

Please indicate how interesting you found the manuscript:

An article whose findings are important to those with closely related research interests

Quality of written English

Please indicate the quality of language in the manuscript:

Needs some language corrections before being published
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