Reviewer's report

**Title:** Intraoperative device closure of perimembranous ventricular septal defects in the young children under transthoracic echocardiographic guidance; initial experience

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**Reviewer:** yongrong lan

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The article of "Intraoperative device closure of perimembranous ventricular septal defects in the young children under transthoracic echocardiographic guidance; initial experience" gave us a new way to treat the perimembranous ventricular septal defects. Currently, hybrid procedures are increasingly popular. In general, the use of devices and minimally invasive techniques is of considerable interest. As the treatment for the perimembranous ventricular septal defects using hybrid technology is concerned, there are still some controversies about the indications and the long-term complications after the hybrid procedure. The authors use TTE to guide the device closure, and get a high total occlusion rate. But the patients are all special chosen. Do other VSD can receive this method? Why can't this device be placed transvenously, or if it can, what has been the experience, or do you plan to try that approach? This device looks much like an Amplatzer occluder. Can you compare and contrast your device with the Amplatzer VSD device? Is this device available on the market? Are the authors the 1st to use this device clinically? If so this should be stated. If not, other use needs to be referenced. The language and syntax in articles need to be modified.

**Level of interest:** An exceptional article

**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