Reviewer's report

Title: Transthoracic Minimal Invasive Closure of Ruptured Sinus of Valsalva Aneurysm

Version: 1 Date: 6 October 2013

Reviewer: Leonardo A Mulinari

Reviewer's report:

1. Review all punctuation.

2. "Echocardiography confirmed the presence of RSVA of the right coronary cusp. The sinus had an opening into right atrium, whose diameter was 5mm. There was no aortic regurgitation."

   - I would imagine that by definition this would be classified as an aortic insufficiency. The fact that the flow is to the right atrium does not invalid the definition of an aortic insufficiency.

3. "This patient was not willing for surgical repair or percutaneous intervention for the risk of reoperation. After informed consent, patient agreed for the transthoracic closure."

   - What was done was a true surgical procedure, I do not understand what the authors mean for not willing for surgical repair. Even the percutaneous intervention would be far less invasive as the procedure proposed by the authors.

4. "The "J form" incision reduces the trauma, keeping the thoracic integrity."

   - The authors have a wrong definition of thoracic integrity. I imagine they want to compare total sternotomy with a partial one.

5. "Figures 2: A VSD occluder was advanced along the sheath. When the left to right shunt disappeared, the device was deployed. The process was guided and monitored by TTE to exclude any significant aortic valve regurgitation or residual shunt before detaching the device from the delivery cable."

   - The description above does not match a static figure, it describe a process not a static figure

6. Readers may find interest in the divide, for this reason a figure with the device could be placed in the manuscript.

Level of interest: An article of limited interest

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

Declaration of competing interests:
I declare that I have no competing interests