Reviewer's report

Title: Emergency transcatheter aortic valve replacement for a patient with decompensated severe aortic stenosis accompanied by cardiorenal syndrome: A case report

Version: 0 Date: 09 Feb 2018

Reviewer: İhsan Alur

Reviewer's report:

Dear Authors, Manuscript entitled "Emergency transcatheter aortic valve replacement for a patient with decompensated severe aortic stenosis accompanied by cardiorenal syndrome: A case report" has been reviewed. My comments are included at the bottom of this letter. First of all I want to thank the writers of this article for their planning and performed such important investigation. I have read this study and here are my ideas and thoughts about it: 1. You have indicated 3 references for the first sentence of the "Introduction" section. You only need to specify one reference. 2. Was the ejection fraction taken at postop TTE? So did EF correct after the procedure? Please indicate this. 3. The "Introduction" section is a little short. In this section cardiorenal syndrome can be mentioned. 4. TTE findings did not indicate whether the aortic valve was tricuspid or bicuspid. This is important. Because bicuspid aortic valve is a relative contraindication to TAVI. 5. Did you have a "Rapid Pacing" before placing the aortic valve? Were the heart working while placing the valve? What method did you apply. Please indicate this. 6. Please write the number of the balloon you used in the TAVI procedure. (For example, you can look at the case report of Yildiz et al. See: Yildiz BS, Alihanoglu YI, Alur I, Evrengul H, Kaya D. A rare complication: an attempt of retrieval of an aortic valve wrapped with pig tail catheter during transcatheter aortic valve implantation. Cardiovasc Revasc Med. 2015 Sep;16(6):376-7.) 7. It would be good if you could talk about the complications of TAVI in a short paragraph. Because TAVI has advantages as well as disadvantages or unwanted complications. I think it would be helpful to inform the reader about this. 8. In the "Case presentation" section, you indicated that the STS score is 21.153%. Please specify a reference for this information. 9. In the first two sentences of the "Discussion" section, you mentioned the accompanying risk factors and contraindications for open surgical replacement in patients with AS. Please write them in more detail to inform readers. 10. Generally, in case presentations, there is no need for a paragraph called 'Conclusions'. "Conclusion paragraph" is inserted at the end of "Discussion" section. This is a clinically important case that is in the open heart surgery field. I think this paper can be evaluated after revisions. Best regards.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes
Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

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

Acceptable

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