Reviewer's report

Title: Left ventricular diastolic dysfunction of the cardiac surgery patient; a point of view for the Cardiac Surgeon and Anesthesiologist

Version: 2 Date: 1 October 2009

Reviewer: DIMITRIOS MIKROULIS

Reviewer's report:

The authors of this article, review the literature for an interesting concept, as the Left Ventricular Diastolic Impairment. LVDI is not a rare situation in the cardiothoracic group of patients. LVDI very often remains undiagnosed, because it is very insidious and may be is responsible for a high percentage of mortality and morbidity of cardiac surgery.

1. As a review article, the structure of the abstract could be different than the standard one (objective, material and method, results, conclusions). Furthermore the abstract could include more information about the diagnosis and suggestions about the treatment of DI.

2. Page 6, line 18. A figure of the relationship upward shift could be useful.

3. Page 8. The algorithm is in page 8 and the clarifications on page 13. It could be better to transfer the algorithm after the relevant text.

4. Page 23, line 6. Do you mean conventional CABG instead of CABG.

5. The more recent article is an article of 2007. Is there any more recent one (2008,2009)?

6. Page 26, line 16. “Nesiritide”, is this the proper word for your text?

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

'I declare that I have no competing interests'