Author's response to reviews

Title: Beneficial Aspects of Real Time Flow Measurements for the Management of Acute Right Ventricular Heart Failure following Continuous Flow Ventricular Assist Device Implantation

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Author's response to reviews:

Dear Sirs,

attached you will find the revised manuscript of the paper entitled "beneficial Aspects of Real Time Flow Measurements for the Management of Acute Right Ventricular Heart Failure following Continuous Flow Ventricular Assist Device Implantation". The paper has been now revised according to the recommendations of the reviewers (reviewer 2). Changes have been marked ((red coloured and underlined))

1. Case presentation: units are now correct (L/min instead LPM, L/min/m2 instead L/min/qm, dyn.s/cm5 instead dyn.s.cm5)

2. Case presentation: ,,..with an estimated systolic pulmonary artery pressure." instead "..transvalvular pressure gradient..."

3. Case presentation: ...in the eigth postoperative day.. instead... in the furter course...

4. Case presentation: Changes in CVP are now reported:.central venous pressure increased from 9 mmHg to a mean of 16 mmHg (range 14-20 mmHg) and the real-time flow decreased (mean 3,9 L/min range 3,5-4,7 L/min).

5. Case presentation: Time path from decreasing flow to renal failure is now described:..24 hours later...

6. Conclusions: We now comment on the fact that real-time flow measurements may remove the necessity of different modalities of cardiac output measurement:...Furthermore real-time flow measurements proved to be a useful tool and a reliable alternative to conventional techniques for the measurement of cardiac output in the clinical setting..

With friendly greetings,
Sotirios Spiliopoulos, M.D..