Author’s response to reviews

Title: Orthostatic stress echocardiography as an useful test to measure variability of transvalvular pressure gradient in aortic stenosis.

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Version: 2 Date: 11 January 2013

Author’s response to reviews:

Dear Editor

Thank you for valuable comments which give us opportunity to improve manuscript. All corrections are marked by bold characters. The language correction has been performed.

Response to Reviewer 1

1. Information has been added in Method section
2. The limitations of obtained result have been additionally discussed.
3. The data of individual patients was included in figure 1.
4. The lack of some parameters was discussed. This is important limitation of current study.
5. Paired t-test was used.
6. The discussion has been adequately extended.

Response to Reviewer 2

We have preferred the simple upright test than the tilt table test. We simply have achieved “true stress”, i.e. 90 degree position (identical to every day activity). The stress was truly natural without any cost and devices (tilt-table). It is proposed that this test is fully standardized by life conditions.

Assessment of changes in LV loading conditions is difficult in upright position. We have discussed this issue and stress that these problems need further investigation

We have added 3 figures.

Sincerely

PP Dimitrow