Clinical Data

METHODS

OBJECTIVES

RESULTS

DISCUSSION

The results of this prospective study reinforce the findings of our previous retrospective analysis of coronary artery Doppler patterns by TEE in 65 patients with TGA who had TEE underpinnings before and after ASO (Wang et al, Am J Physiol Heart Circ Physiol). With the current study, the most common Doppler pattern was biphasic with a systolic and diastolic peak. There were no complications in our study related to either the TEE or intraoperative ultrasound. The additional time required to obtain the post-ASO images was short, in the range of 5-10 minutes.

The myocardial event rate of almost 20% was surprisingly high and was associated with systolic flow reversal in the LCA. The myocardial event rate of almost 20% was surprisingly high and was associated with systolic flow reversal in the LCA. The myocardial event rate of almost 20% was surprisingly high and was associated with systolic flow reversal in the LCA. The myocardial event rate of almost 20% was surprisingly high and was associated with systolic flow reversal in the LCA.

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