

427	Supplementary Figure 2: Left coronary waveforms for isolated BPV and ViV configurations
428	along with native aortic flow waveform. The coronary circuit was designed to provide
429	physiological coronary flows throughout the cardiac cycle through the use of a pneumatically
430	controlled Starling resistor. Namely, this resistor was collapsed or expanded during specific
431	intervals to match the changes in coronary flow during myocardial isovolumetric contraction and
432	relaxation, respectively. A small compliance chamber was used to modulate the compressive
433	forces. (Moore et al ¹⁵)

Supplementary Figure 3: Image of a) transparent acrylic valve chamber with depiction of laser 434 sheet and camera viewing plane. The coronary sinus that was studied is outlined in red. b) Raw 435 436 camera image of sinus, with annotated valve leaflets, used for PIV calculations.

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