

SUPPLEMENTAL MATERIAL

Supplemental Table 1

	HFpEF	Senior Controls	P value
Tissue Doppler e' velocity septal annulus (cm/s)	5.7 ± 1.5	7.8 ± 1.3	0.001
Tissue Doppler e' velocity lateral annulus (cm/s)	7.8 ± 2.0	9.5 ± 2.3	0.11
E/e'	14.2 ± 3.8	8.9 ± 3.2	0.008
E/A ratio	1.06 ± 0.49	0.99 ± 0.16	0.69
Left ventricular ejection fraction (%)	55.6 ± 2.2	59.6 ± 3.0	0.03

Supplemental Table 2

	Day 1	Day 2
Peak heart rate (bpm)	108 ± 19	117 ± 15
Peak stroke volume (ml)	46.8 ± 9.7	45.2 ± 8.7
Peak cardiac output (L/min/ m ²)	5.0 ± 1.2	5.2 ± 0.9
Peak VO ₂ (L/min)	1.28 ± 0.38	1.32 ± 0.31
Peak VO ₂ (ml/kg/min)	12.9 ± 2.3	13.5 ± 2.2
Respiratory Exchange Ratio (RER)	1.05 ± 0.13	1.03 ± 0.10
Peak Ventilation (L/min)	51.9 ± 14.3	53.6 ± 12.6

Peak exercise parameters in HFpEF patients obtained on screening exercise test (day 1) and more comprehensive exercise testing (day 2).