

Online Table 2

Echocardiographic Data at the Onset of the Intervention (3 months old mice)

	WT			<i>Myh6-Cre:Dsp<sup>W/F</sup></i>			2-way ANOVA		
	Untreated	DMSO	WNT-974	Untreated	DMSO	WNT-974	P Genotype	P Treatment	P Interaction
N	14	9	10	13	10	14	NA	NA	NA
M/F	7/7	4/5	6/4	6/7	5/5	7/7	NA	NA	NA
Age (days)	99.93±5.15	97.22±7.28	96.40±4.55	98.54±6.42	97.70±3.62	97.64±7.32	0.940	0.384	0.723
Body weight (g)	29.39±4.34	27.36±5.42	27.96±3.51	28.91±4.33	28.55±6.02	30.76±4.29	0.298	0.582	0.456
HR (bpm)	506.47±35.60	492.90±31.96	495.60±32.32	499.05±32.52	502.48±42.67	499.85±38.98	0.808	0.851	0.711
LVAWT (mm)	0.62±0.05	0.59±0.05	0.63±0.13	0.60±0.03	0.56±0.05	0.56±0.07	0.039	0.340	0.376
LVPWT (mm)	0.64±0.03	0.61±0.11	0.70±0.16	0.61±0.03	0.62±0.10	0.63±0.11	0.202	0.233	0.386
LVEDD (mm)	3.39±0.23	3.43±0.39	3.37±0.53	3.65±0.46	3.52±0.46	3.55±0.30	0.0702	0.856	0.781
LVEDDI (mm/g)	0.12±0.02	0.13±0.02	0.12±0.01	0.13±0.02	0.12±0.02	0.12±0.02	0.627	0.576	0.360
LVESD (mm)	2.03±0.29	2.19±0.42	2.05±0.59	2.31±0.44	2.24±0.50	2.24±0.32	0.100	0.849	0.656
FS (%)	40.37±6.48	36.55±6.37	40.00±10.07	36.84±7.37	36.93±7.24	37.26±5.95	0.269	0.633	0.655
LV Mass (mg)	51.16±6.13	49.70±12.23	54.40±11.90	55.29±12.37	50.76±11.10	51.86±10.54	0.735	0.595	0.549
LVMI (mg/g)	1.77±0.28	1.84±0.41	1.96±0.44	1.93±0.37	1.80±0.32	1.71±0.41	0.621	0.968	0.150

**Abbreviations:** WT: wild type; DMSO: dimethyl sulfoxide; M/F: male/female; HR: heart rate; LVAWT: left ventricular anterior wall thickness; LVPWT: left ventricular posterior wall thickness; LVEDD: Left ventricular end diastolic diameter; LVEDDI: Left ventricular end diastolic

diameter indexed to body weight; LVESD: Left ventricular end systolic diameter; LVFS: Left ventricular fractional shortening; LVM: left ventricular mass; LVMI: Left ventricular mass indexed to body weight.