

Supplemental Table 1 CMR parameters amongst subgroups of 54 HD patients

	DIABETES			Ischemic heart disease or prior LV dysfunction			BETABLOCKER			RAAS anatagonist		
	yes	no	p	yes	no	p	yes	no	p	yes	no	p
	n=14	n=40		n=13	n=41		n=19	n=35		n=14	n=40	
Global peak systolic strain (%)	14.1±4	16.6±3.3	0.03	15.1±4	16.2±3.6	0.4	16.6±3.6	15.5±3.7	0.3	15.9±2.7	15.9±4	1
Peak diastolic strain rate (s-1)	0.68[0.62,0.75]	0.91[0.71,1.03]	0.02	0.68[0.6,0.71]	0.91[0.73,1.03]	0.01	0.83[0.68,1.02]	0.87[0.63,0.98]	0.9	0.82±0.26	0.88±0.27	0.5
LV dyssynchrony by SD-TTP (ms)	67[50,72]	47[36,72]	0.04	61±26	54±20	0.3	53±20	57±22	0.5	42±38,72	56±39,72	0.2
LV End-diastolic volume Index (ml/m2)*	88[69,105]	88[72,101]	0.6	86±21	88±24	0.9	99±80,115	81±71,95	0.04	75±18	92±24	0.02
LV Ejection Fraction (%)	46[39,55]	54[50,58]	0.01	50±11	51±9	0.9	53±9	49±10	0.3	56[50,59]	51[45,56]	0.04
LV Mass Index(g/m2)*	71±21	66±17	0.5	73[68,84]	61[52,75]	0.06	68[61,79]	61[52,79]	0.2	67±21	68±17	0.8
Aortic distensibility (mmHg-1×10-3)	1.1[0.7,1.6]	2.1[1.5,4.1]	0.01	1.8[1.3,2]	2.1[1.3,3.6]	0.4	2.8[1.4,4.1]	1.7[1.1,2.5]	0.1	1.7[0.5,4.1]	2[1.4,2.8]	0.7
Aortic pulse wave velocity (m/s)	8.3±1.9	7.8±4	0.8	8.9[8.5,11.6]	6.3[5,10.3]	0.2	8.2±3.5	7.7±3.6	0.8	7.0[2.4,11.7]	8.5[5.2,9.8]	0.8

Supplemental Table 2 CMR parameters in non-diabetic HD patients compared to controls.

	HD n=40	NC n=27	p-value
Global peak systolic strain (%)	16.6±3.3	19.6±3.4	0.001
Peak diastolic strain rate (s ⁻¹)	0.91[0.72,1.03]	0.91[0.77,1.01]	0.7
LV dyssynchrony by SD-TTP (ms)	52±21	38±14	0.004
LV End-diastolic volume Index (ml/m ²)*	89±24	75±14	0.004
LV Ejection Fraction (%)	54[50,58]	60[56,63]	<0.001
LV Mass Index(g/m ²)*	63[55,79]	46[42,53]	<0.001
Aortic distensibility (mmHg ⁻¹ ×10 ⁻³)	2.1[1.6,3.6]	4.1[3.5,5.2]	0.01
Aortic pulse wave velocity (m/s)	7.4[5,10.7]	5.4[3.8,6.2]	0.2