

Supplementary Table 1. Baseline characteristics and conventional echocardiographic values according to sex and age (mean ± SD)

Age	Females (n = 265)					Males (n = 236)					p value		
	21-30 (n = 46)	31-40 (n = 51)	41-50 (n = 58)	51-60 (n = 53)	61-70 (n = 39)	71-80 (n = 18)	21-30 (n = 39)	31-40 (n = 51)	41-50 (n = 45)	51-60 (n = 46)		61-70 (n = 37)	71-80 (n = 18)
Baseline characteristics													
Weight (kg)	55 ± 11	55 ± 8	56 ± 7	56 ± 8	57 ± 7	56 ± 10	68 ± 9	73 ± 8	70 ± 7	68 ± 8	64 ± 9	59 ± 8	< 0.001
Height (cm)	162 ± 6	159 ± 5	158 ± 6	157 ± 5	156 ± 5	153 ± 6	173 ± 5	174 ± 5	172 ± 6	170 ± 5	165 ± 6	163 ± 7	< 0.001
BSA (m ²)	1.6 ± 0.1	1.6 ± 0.1	1.6 ± 0.1	1.6 ± 0.1	1.6 ± 0.1	1.5 ± 0.1	1.8 ± 0.1	1.9 ± 0.1	1.8 ± 0.1	1.8 ± 0.1	1.7 ± 0.1	1.6 ± 0.1	< 0.001
BMI (kg/m ²)	21 ± 4	22 ± 3	22 ± 2	23 ± 3	23 ± 4	24 ± 4	23 ± 3	24 ± 2	24 ± 2	24 ± 2	23 ± 3	22 ± 2	0.083
SBP (mm Hg)	112 ± 10	112 ± 12	116 ± 13	122 ± 14	124 ± 11	126 ± 8	121 ± 11	124 ± 11	121 ± 10	123 ± 11	122 ± 14	126 ± 11	0.403
DBP (mm Hg)	68 ± 9	69 ± 10	71 ± 11	74 ± 11	75 ± 9	72 ± 5	74 ± 8	77 ± 8	74 ± 10	73 ± 9	74 ± 9	74 ± 11	0.529
HR (bpm)	71 ± 10	70 ± 10	70 ± 10	68 ± 7	66 ± 9	68 ± 9	70 ± 10	70 ± 11	68 ± 9	65 ± 9	65 ± 9	72 ± 12	0.0014
Conventional echocardiographic parameters													
LVEDD (mm)	46 ± 3	47 ± 3	47 ± 4	49 ± 3	49 ± 3	48 ± 3	50 ± 3	51 ± 3	50 ± 3	52 ± 3	50 ± 4	49 ± 3	0.021
LVEDS (mm)	29 ± 2	29 ± 2	29 ± 3	29 ± 2	29 ± 3	28 ± 3	32 ± 3	32 ± 3	31 ± 3	31 ± 3	30 ± 3	29 ± 2	0.007
IVS (mm)	7 ± 1	7 ± 1	7 ± 1	7 ± 1	8 ± 1	8 ± 1	8 ± 1	8 ± 1	8 ± 1	8 ± 1	8 ± 1	8 ± 1	0.054
LVPW (mm)	7 ± 1	7 ± 1	7 ± 1	7 ± 1	7 ± 1	7 ± 1	8 ± 1	8 ± 1	8 ± 1	8 ± 1	8 ± 1	8 ± 1	0.003
LVEDV (mL)	98 ± 19	96 ± 15	94 ± 17	90 ± 15	86 ± 16	84 ± 13	124 ± 16	119 ± 22	113 ± 18	114 ± 19	101 ± 20	99 ± 14	< 0.001
LVESV (mL)	38 ± 12	36 ± 7	35 ± 8	34 ± 8	33 ± 8	30 ± 7	50 ± 8	46 ± 10	44 ± 9	43 ± 10	37 ± 9	36 ± 5	< 0.001
LVEDVI (mL/m ²)	61 ± 11	61 ± 8	61 ± 9	58 ± 9	57 ± 10	55 ± 10	68 ± 8	63 ± 11	62 ± 10	64 ± 11	59 ± 10	61 ± 9	0.005
LVESVI (mL/m ²)	23 ± 7	23 ± 4	22 ± 5	22 ± 4	21 ± 5	20 ± 4	28 ± 4	25 ± 5	24 ± 5	24 ± 6	22 ± 5	22 ± 3	< 0.001
LVEF (%)	62 ± 5	62 ± 4	63 ± 4	62 ± 4	63 ± 4	64 ± 4	60 ± 3	61 ± 4	62 ± 4	62 ± 5	63 ± 5	63 ± 4	0.007
LVM (gm)	97 ± 18	103 ± 20	107 ± 22	116 ± 23	124 ± 23	124 ± 24	135 ± 24	138 ± 27	133 ± 24	146 ± 23	143 ± 28	141 ± 23	0.176
LVM1 (gm/m ²)	61 ± 8	66 ± 11	69 ± 13	74 ± 13	80 ± 14	81 ± 12	74 ± 11	73 ± 13	73 ± 12	82 ± 13	84 ± 14	87 ± 15	< 0.001

p values were obtained from the analysis of variance test. SD: standard deviation, BSA: body surface area, BMI: body mass index, SBP: systolic blood pressure, DBP: diastolic blood pressure, HR: heart rate, LVEDD: left ventricular end-diastolic dimension, LVEDS: left ventricular end-systolic dimension, IVS: interventricular septum, LVPW: left ventricular posterior wall, LVEDV: left ventricular end-diastolic volume, LVESV: left ventricular end-systolic volume, LVEDVI: left ventricular end-diastolic volume index, LVESVI: left ventricular end-systolic volume index, LVEF: left ventricular ejection fraction, LVM: left ventricular mass, LVM1: left ventricular mass index