

Table 2 Normal values for 2D echocardiographic parameters of LV size and function according to gender

Parameter	Male		Female	
	Mean \pm SD	2 SD range	Mean \pm SD	2 SD range
LV internal dimension				
Diastolic dimension (mm)	50.2 \pm 4.1	42.0–58.4	45.0 \pm 3.6	37.8–52.2
Systolic dimension (mm)	32.4 \pm 3.7	25.0–39.8	28.2 \pm 3.3	21.6–34.8
LV volumes (biplane)				
LV EDV (mL)	106 \pm 22	62–150	76 \pm 15	46–106
LV ESV (mL)	41 \pm 10	21–61	28 \pm 7	14–42
LV volumes normalized by BSA				
LV EDV (mL/m ²)	54 \pm 10	34–74	45 \pm 8	29–61
LV ESV (mL/m ²)	21 \pm 5	11–31	16 \pm 4	8–24
LV EF (biplane)	62 \pm 5	52–72	64 \pm 5	54–74

BSA, body surface area; EDV, end-diastolic volume; EF, ejection fraction; ESV, end-systolic volume; LV, left ventricular; SD, standard deviation.

Table 3 Recommendations for classification of AS severity

	Aortic sclerosis	Mild	Moderate	Severe
Aortic jet velocity (m/s)	≤2.5 m/s	2.6–2.9	3.0–4.0	>4.0
Mean gradient (mmHg)	–	<20 (<30 ^a)	20–40 ^b (30–50 ^a)	>40 ^b (>50 ^a)
AVA (cm ²)	–	>1.5	1.0–1.5	<1.0
Indexed AVA (cm ² /m ²)	–	>0.85	0.60–0.85	<0.6
Velocity ratio	–	>0.50	0.25–0.50	<0.25

^aESC Guidelines.

^bAHA/ACC Guidelines.