

Table 37. CMR metrics in men of White ethnicity using anatomical segmentation, indexed by body surface area

Variable	18- 29	30- 39	40- 49	50- 59	60- 69	70+
N (min – max)	(52 - 113)	(67 - 135)	(378 - 447)	(784 - 840)	(771 - 818)	(1,212 - 1,283)
Left ventricle						
LVEDV (ml)	175 [120, 229]	167 [113, 221]	159 [105, 213]	151 [97, 205]	143 [89, 197]	135 [81, 189]
LVEDVi (ml/m ²)	83 [58, 109]	80 [55, 106]	77 [51, 102]	73 [48, 99]	70 [45, 96]	67 [41, 92]
LVESV (ml)	63 [35, 91]	59 [31, 87]	56 [28, 84]	52 [24, 80]	48 [20, 76]	45 [17, 73]
LVESVi (ml/m ²)	30 [17, 44]	29 [15, 42]	27 [13, 40]	25 [12, 39]	24 [10, 37]	22 [9, 35]
LVSV (ml)	112 [75, 149]	107 [70, 144]	103 [66, 140]	99 [62, 136]	94 [58, 131]	90 [53, 127]
LVSVi (ml/m ²)	53 [36, 71]	52 [34, 69]	50 [32, 67]	48 [31, 66]	46 [29, 64]	45 [27, 62]
LVCO (l/min)	7 [5, 10]	7 [5, 10]	7 [4, 9]	6 [4, 9]	6 [4, 8]	6 [3, 8]
LVEF (%)	64 [51, 76]	64 [52, 77]	65 [53, 77]	66 [53, 78]	66 [54, 79]	67 [55, 80]
LVM diast (g)	136 [94, 178]	133 [91, 175]	130 [88, 171]	126 [84, 168]	123 [81, 165]	120 [78, 161]
LVMi diast (g/m ²)	65 [48, 81]	63 [47, 80]	62 [46, 79]	61 [45, 78]	60 [44, 77]	59 [43, 76]
LVM syst (g)	133 [86, 179]	130 [83, 177]	128 [81, 174]	125 [78, 172]	122 [76, 169]	120 [73, 167]
LVMi syst (g/m ²)	63 [44, 82]	62 [43, 82]	61 [42, 81]	61 [41, 80]	60 [41, 79]	59 [40, 78]
Right ventricle						
RVEDV (ml)	202 [140, 264]	193 [132, 255]	185 [123, 246]	176 [115, 238]	168 [106, 229]	159 [98, 221]
RVEDVi (ml/m ²)	96 [68, 125]	93 [64, 121]	89 [61, 118]	86 [57, 114]	82 [54, 111]	79 [50, 107]
RVESV (ml)	86 [51, 122]	83 [47, 118]	79 [43, 114]	75 [39, 110]	71 [35, 107]	67 [32, 103]
RVESVi (ml/m ²)	41 [24, 58]	40 [23, 56]	38 [21, 55]	36 [20, 53]	35 [18, 52]	33 [16, 50]
RVSV (ml)	116 [75, 156]	111 [70, 151]	106 [66, 147]	102 [61, 142]	97 [56, 137]	92 [52, 133]
RVSVi (ml/m ²)	55 [36, 74]	53 [34, 73]	51 [32, 71]	49 [30, 69]	48 [28, 67]	46 [26, 65]
RVCO (l/min)	8 [5, 10]	7 [5, 10]	7 [4, 10]	7 [4, 9]	6 [3, 9]	6 [3, 9]
RVEF (%)	57 [44, 70]	57 [44, 70]	58 [44, 71]	58 [45, 71]	58 [45, 71]	58 [45, 71]
Left atrium						
LAESV (ml)	77 [34, 120]	74 [31, 117]	71 [28, 114]	68 [25, 111]	65 [22, 108]	62 [19, 105]
LAESVi (ml/m ²)	36 [16, 56]	35 [15, 55]	34 [14, 54]	33 [13, 53]	32 [11, 52]	31 [10, 51]
LA max (ml)	83 [40, 126]	80 [37, 123]	76 [33, 119]	73 [30, 116]	70 [27, 113]	67 [24, 110]
LA max i (ml/m ²)	39 [19, 59]	38 [17, 58]	36 [16, 57]	35 [15, 56]	34 [14, 54]	33 [13, 53]
LAEF (%)	66 [46, 86]	66 [46, 86]	66 [46, 86]	66 [46, 86]	66 [46, 86]	66 [46, 86]
Right atrium						
RAESV (ml)	86 [33, 139]	86 [33, 138]	85 [33, 138]	85 [32, 137]	84 [32, 137]	84 [32, 136]
RAESVi (ml/m ²)	40 [14, 67]	41 [14, 67]	41 [15, 67]	41 [15, 68]	42 [15, 68]	42 [16, 68]
RA max (ml)	89 [37, 141]	89 [37, 141]	89 [37, 141]	89 [37, 141]	89 [37, 141]	89 [37, 141]
RA max i (ml/m ²)	42 [16, 68]	42 [16, 68]	43 [17, 69]	43 [17, 69]	44 [18, 70]	44 [18, 70]
RAEF (%)	50 [30, 70]	51 [31, 71]	51 [31, 71]	51 [32, 71]	52 [32, 72]	52 [32, 72]