

Table 38. CMR metrics in men of White ethnicity using anatomical segmentation, indexed by height

Variable	18- 29	30- 39	40- 49	50- 59	60- 69	70+
N (min – max)	(52 - 113)	(67 - 135)	(378 - 446)	(784 - 840)	(773 - 815)	(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)	96 [67, 125]	93 [63, 122]	89 [60, 118]	85 [56, 114]	81 [52, 110]	77 [48, 107]
LVESV (ml)	63 [35, 91]	59 [31, 87]	56 [28, 84]	52 [24, 80]	48 [20, 76]	45 [17, 73]
LVESVi (ml/m)	35 [19, 50]	33 [17, 48]	31 [16, 47]	29 [14, 45]	27 [12, 43]	26 [10, 41]
LVSV (ml/m)	112 [75, 149]	107 [70, 144]	103 [66, 140]	99 [62, 136]	94 [58, 131]	90 [53, 127]
LVSVi (ml/m)	61 [41, 82]	60 [39, 80]	58 [38, 78]	56 [36, 76]	54 [34, 74]	52 [32, 72]
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)	75 [52, 97]	74 [51, 96]	72 [50, 95]	71 [49, 94]	70 [47, 92]	69 [46, 91]
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)	73 [47, 99]	72 [47, 98]	71 [46, 97]	70 [45, 96]	70 [44, 95]	69 [43, 94]
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)	111 [78, 144]	107 [74, 140]	103 [70, 136]	99 [66, 132]	95 [62, 128]	91 [58, 125]
RVESV (ml)	86 [51, 122]	83 [47, 118]	79 [43, 114]	75 [39, 110]	71 [35, 107]	67 [32, 103]
RVESVi (ml/m)	48 [28, 67]	46 [26, 65]	44 [24, 64]	42 [23, 62]	40 [21, 60]	39 [19, 58]
RVSV (ml)	116 [75, 156]	111 [70, 151]	106 [66, 147]	102 [61, 142]	97 [56, 137]	92 [52, 133]
RVSVi (ml/m)	64 [41, 86]	61 [39, 84]	59 [37, 81]	57 [35, 79]	55 [33, 77]	53 [31, 75]
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)	42 [18, 66]	41 [17, 65]	40 [15, 64]	38 [14, 62]	37 [13, 61]	35 [11, 60]
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)	46 [21, 70]	44 [20, 68]	43 [18, 67]	41 [17, 65]	40 [16, 64]	38 [14, 63]
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)	47 [18, 76]	47 [18, 76]	48 [19, 77]	48 [19, 77]	48 [19, 77]	48 [19, 77]
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)	49 [20, 78]	49 [21, 78]	50 [21, 78]	50 [21, 79]	50 [22, 79]	51 [22, 80]
RAEF (%)	50 [30, 70]	51 [31, 71]	51 [31, 71]	51 [32, 71]	52 [32, 72]	52 [32, 72]