

Table 33. CMR metrics in men of White ethnicity using smooth 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 - 839)	(771 - 817)	(1,212 - 1,283)
Left ventricle						
LVEDV (ml)	193 [134, 252]	185 [126, 244]	176 [117, 235]	168 [109, 227]	159 [101, 218]	151 [92, 210]
LVEDVi (ml/m ²)	92 [65, 119]	89 [61, 116]	85 [58, 112]	82 [54, 109]	78 [51, 106]	75 [48, 102]
LVESV (ml)	80 [46, 113]	76 [42, 109]	72 [39, 105]	68 [35, 101]	64 [31, 98]	61 [27, 94]
LVESVi (ml/m ²)	38 [22, 54]	36 [21, 52]	35 [19, 50]	33 [18, 49]	32 [16, 47]	30 [14, 46]
LVSV (ml)	113 [75, 151]	109 [71, 147]	104 [66, 142]	100 [62, 137]	95 [57, 133]	90 [52, 128]
LVSVi (ml/m ²)	54 [36, 72]	52 [34, 70]	50 [32, 68]	48 [31, 66]	47 [29, 64]	45 [27, 63]
LVCO (l/min)	7 [5, 10]	7 [5, 10]	7 [4, 9]	6 [4, 9]	6 [3, 9]	6 [3, 8]
LVEF (%)	59 [46, 71]	59 [46, 71]	59 [47, 72]	59 [47, 72]	60 [47, 72]	60 [48, 73]
LVM diast (g)	117 [82, 152]	114 [79, 149]	111 [76, 147]	108 [73, 144]	105 [70, 141]	102 [67, 138]
LVMi diast (g/m ²)	55 [42, 69]	54 [41, 68]	53 [40, 67]	53 [39, 66]	52 [38, 65]	51 [37, 64]
LVM syst (g)	114 [75, 154]	112 [73, 151]	109 [70, 148]	107 [67, 146]	104 [65, 143]	101 [62, 140]
LVMi syst (g/m ²)	54 [38, 71]	54 [37, 70]	53 [36, 69]	52 [35, 68]	51 [35, 67]	50 [34, 66]
Right ventricle						
RVEDV (ml)	208 [146, 269]	198 [136, 260]	188 [127, 250]	179 [117, 240]	169 [108, 231]	160 [98, 221]
RVEDVi (ml/m ²)	99 [70, 128]	95 [66, 124]	91 [62, 120]	87 [58, 116]	83 [54, 112]	79 [50, 108]
RVESV (ml)	90 [55, 126]	85 [50, 121]	80 [45, 116]	75 [40, 111]	70 [34, 106]	65 [29, 101]
RVESVi (ml/m ²)	43 [26, 60]	41 [24, 58]	39 [22, 56]	37 [20, 53]	34 [17, 51]	32 [15, 49]
RVSV (ml)	118 [76, 159]	113 [71, 155]	108 [67, 150]	104 [62, 146]	99 [58, 141]	95 [53, 136]
RVSVi (ml/m ²)	56 [36, 76]	54 [34, 74]	52 [32, 72]	51 [31, 71]	49 [29, 69]	47 [27, 67]
RVCO (l/min)	8 [5, 11]	7 [5, 10]	7 [4, 10]	7 [4, 10]	6 [3, 9]	6 [3, 9]
RVEF (%)	56 [43, 69]	57 [44, 70]	58 [45, 71]	58 [45, 71]	59 [46, 72]	59 [46, 72]
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]