

Table 46. CMR metrics in men of South Asian ethnicity using smooth segmentation, indexed by height

Variable	40- 49	50- 59	60- 69	70+
N (min – max)	(19 - 21)	(131 - 134)	(117 - 122)	(40 - 43)
Left ventricle				
LVEDV (ml)	147 [100, 193]	139 [93, 185]	131 [85, 178]	124 [77, 170]
LVEDVi (ml/m)	85 [59, 110]	81 [55, 106]	77 [52, 103]	73 [48, 99]
LVESV (ml)	59 [33, 85]	55 [29, 80]	50 [25, 76]	46 [20, 72]
LVESVi (ml/m)	34 [19, 48]	32 [17, 46]	29 [15, 44]	27 [13, 42]
LVSV (ml/m)	88 [57, 119]	85 [54, 116]	81 [50, 112]	78 [47, 109]
LVSVi (ml/m)	51 [33, 68]	49 [32, 67]	48 [30, 65]	46 [29, 64]
LVCO (l/min)	5 [3, 8]	5 [3, 7]	5 [3, 7]	5 [3, 7]
LVEF (%)	60 [49, 71]	61 [50, 72]	62 [51, 73]	62 [51, 74]
LVM diast (g)	93 [63, 124]	90 [59, 120]	86 [56, 117]	83 [52, 113]
LVMi diast (g)	53 [37, 70]	52 [35, 69]	51 [34, 67]	49 [32, 66]
LVM syst (g)	94 [62, 127]	89 [57, 122]	85 [53, 117]	80 [48, 112]
LVMi syst (g/m)	54 [36, 72]	52 [34, 70]	50 [32, 68]	47 [29, 65]
Right ventricle				
RVEDV (ml)	155 [103, 206]	147 [96, 199]	140 [88, 191]	132 [80, 184]
RVEDVi (ml/m)	89 [60, 118]	85 [57, 114]	82 [53, 110]	78 [50, 107]
RVESV (ml)	65 [38, 92]	61 [34, 87]	56 [30, 83]	52 [26, 79]
RVESVi (ml/m)	37 [22, 53]	35 [20, 50]	33 [18, 48]	31 [16, 46]
RVSV (ml)	90 [57, 123]	86 [54, 119]	83 [50, 116]	80 [47, 113]
RVSVi (ml/m)	52 [34, 70]	50 [32, 68]	49 [31, 67]	47 [29, 65]
RVCO (l/min)	6 [3, 8]	5 [3, 8]	5 [3, 7]	5 [3, 7]
RVEF (%)	58 [47, 69]	59 [48, 70]	59 [49, 70]	60 [49, 71]
Left atrium				
LAESV (ml)	61 [28, 95]	60 [27, 94]	59 [26, 93]	58 [25, 92]
LAESVi (ml/m)	35 [16, 54]	35 [16, 54]	35 [16, 54]	34 [16, 53]
LA max (ml)	64 [31, 98]	64 [30, 97]	63 [29, 97]	62 [29, 96]
LA max i (ml/m)	37 [18, 55]	37 [18, 55]	37 [18, 55]	37 [18, 55]
LAEF (%)	70 [54, 85]	67 [52, 83]	65 [49, 80]	62 [47, 78]
Right atrium				
RAESV (ml)	75 [33, 116]	72 [31, 114]	70 [29, 111]	68 [27, 109]
RAESVi (ml/m)	43 [20, 66]	42 [19, 65]	41 [18, 64]	40 [17, 63]
RA max (ml)	76 [35, 117]	75 [34, 116]	73 [33, 114]	72 [31, 113]
RA max i (ml/m)	44 [21, 67]	43 [21, 66]	43 [20, 66]	42 [19, 65]
RAEF (%)	48 [31, 65]	50 [33, 67]	52 [35, 69]	54 [36, 71]