

NORMAL VALUES OF THE DOPPLER DERIVED DIASTOLIC MEASUREMENTS

AGE GROUP				
Measurement	16 - 20	21 - 40	41 - 60	➤ 60
IVRT (ms)	50 ± 9 (32 – 68)	67 ± 8 (51 – 83)	74 ± 7 (60- 88)	87 ± 7(73 – 101)
E/A ratio	1.88 ± 0.45 (0.98 – 2.78)	1.53 ± 0.40 (0.73 - 2.33)	1.28 ± 0.25 (0.78 – 1.78)	0.96 ± 0.18 (0.6 – 1.32)
DT (ms)	142 ± 19(104 – 180)	166 ± 14(138 – 194)	181 ± 19 (143 – 219)	200 ± 29 (142 – 258)
A duration (ms)	113 ± 17(79 – 147)	127 ± 13 (101 – 153)	133 ± 13 (107 – 159)	138 ± 19(100 – 176)
PV S/D ratio	0.82 ± 0.18 (0.46 – 1.18)	0.98 ± 0.32 (0.34 – 1.62)	1.21 ± 0.2(0.81 – 1.61)	1.39 ± 0.47 (0.45 – 2.33)
PV Ar (cms/s)	16 ± 10 (1 – 36)	21 ± 8 (5.37)	23 ± 3(17 – 29)	25 ± 9 (11 – 39)
PV Ar duration (ms)	66 ± 39(1- 144)	96 ± 33 (30 - 162)	112 ± (15 (82 – 142)	113 ± 30(53 – 173)
Septal è (cm/s)	14.9 ± 2.4 (10.1 – 19.7)	15.5 ± 2.7 (10.1 – 20.9)	12.2 ± 2.3(7.6 – 16.8)	10.4 ± 2.1(6.2 – 14.6)
Septal è / à ratio	2.4	1.6 ± 0.5(0.6 – 2.6)	1.1 ± 0.3(0.5 – 1.7)	0.85 ± (0.2(0.45 – 1.25)
Lateral è (cm/s)	20.6 ± 3.8(13 – 28.2)	19.8 ± 2.9 (14 – 25.6)	16.1 ± 2.3(11.5 – 20.7)	12.9 ± 3.5(5.9 – 19.9)
Lateral è / à ratio	3.1	1.9 ± 0.6(0.7 – 3.1)	1.5 ± 0.5(0.5 to 2.5)	0.9 ± 0.4 (0.1 – 1.7)