

Table 1. Comparison of Baseline Characteristics Between the Age Groups

	All (n = 244)	50-59 years (n = 69)	60-74 years (n = 120)	≥75 years (n = 55)	P
Age, years	66 ± 9	55 ± 3	66 ± 4	78 ± 3	<0.001
Female	151 (62)	49 (71)	70 (58)	32 (58)	0.175
ASD diameter, mm (range)	19 ± 7 (4-38)	20 ± 8 (5-38)	19 ± 7 (4-38)	19 ± 8 (4-38)	0.777
Device size, mm (range)	22 ± 7 (8-38)	23 ± 7 (8-38)	22 ± 6 (8-38)	23 ± 7 (11-38)	0.366
Pulmonary to systemic blood flow ratio	2.6 ± 0.8	2.7 ± 0.9	2.5 ± 0.8	2.6 ± 0.8	0.347
Pulmonary artery pressure, mm Hg	17 ± 6	16 ± 8	18 ± 5	18 ± 5	0.146
Hypertension	91 (37)	17 (25)	49 (41)	25 (45)	0.028
Diabetes mellitus	35 (14)	5 (7)	20 (17)	10 (18)	0.106
Permanent atrial fibrillation	42 (17)	2 (3)	17 (14)	23 (42)	<0.001
Stroke	19 (8)	3 (4)	7 (6)	9 (16)	0.040
Coronary artery disease	15 (6)	1 (1)	8 (7)	6 (11)	0.061
Smoking	36 (15)	11 (16)	17 (14)	8 (15)	0.946

NYHA functional class I/II	217 (89)	68 (99)	108 (90)	41 (75)	<0.001
NYHA functional class III/IV	27 (11)	1 (1)	12 (10)	14 (25)	
Hospitalization due to heart failure	37 (15)	4 (6)	12 (10)	21 (38)	<0.001
Diuretics use	87 (36)	17 (25)	38 (32)	32 (58)	<0.001
B-type natriuretic peptide, pg/ml	119 ± 166	53 ± 76	94 ± 88	255 ± 271	<0.001
LV end-diastolic diameter, mm	41 ± 5	41 ± 5	42 ± 5	41 ± 5	0.175
LV end-systolic diameter, mm	25 ± 4	25 ± 4	25 ± 5	24 ± 3	0.442
LV ejection fraction, %	70 ± 6	69 ± 6	70 ± 7	71 ± 6	0.472
RV end-diastolic diameter, mm	38 ± 6	37 ± 6	38 ± 5	40 ± 6	0.024
RV/LV end-diastolic diameter ratio	0.93 ± 0.19	0.91 ± 0.19	0.92 ± 0.17	0.98 ± 0.22	0.086
e', cm/s	8.6 ± 2.4	9.7 ± 2.1	8.2 ± 2.3	8.0 ± 2.6	<0.001
E/e' ratio	8.9 ± 3.0	8.0 ± 2.2	8.9 ± 2.9	10.2 ± 3.6	<0.001
Hospital stay after the procedure, days	3 ± 2	3 ± 3	3 ± 2	4 ± 3	0.004
Median follow-up period, months	34	39	30	36	0.381

Data are presented as mean ± standard deviation or number (%) of patients.

ASD = atrial septal defect; E = early diastolic mitral valve flow velocity; e' = early diastolic septal mitral annular velocity; LV = left ventricular; NYHA = New York Heart Association; RV = right ventricular.