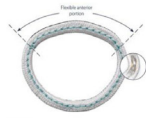


Semirigid Ring



Predicted Ring Size	Implanted Ring Size
36	36
36	36
30	30
30	30
36	36
34	34
34	34
32	32
34	34
30	30
30	30
34	34
30	30
30	30
34	36
28	28
40	40
24	26
28	30
38	38
40	38
40	34
38	32
32	36
40	34
40	34
40	32
38	34
40	32
40	36
PCC (r)	0,745
p-value	<0,001
N	31

Semirigid Band



Predicted Ring Size	Implanted Ring Size
38	38
32	32
38	38
38	38
36	38
34	32
38	38
38	38
38	38
38	38
38	38
28	32
38	34
38	34
38	34
36	32
28	32
PCC (r)	0,659
p-value	0,004
N	17

Flexible Band



Predicted Ring Size	Implanted Ring Size
38	40
34	34
34	40
30	34
30	40
42	34
PCC (r)	-0,048
p-value	0,928
N	6

Figure S1 Visual representation of the type of correlation between the predicted and implanted size for each of the three groups: Semirigid Ring, Semirigid Band and Flexible Band.

Table S1 Variable influencing implanted-predicted size difference in the overall population

	RC	95% CI	PCC (r)	P value
Gender	-1.394	-3.325 to 0.537	-0.212	0.152
BSA	0.425	-3.604 to 4.454	0.031	0.832
Systolic AP annulus	-0.072	-0.230 to 0.086	-0.122	0.359
TTE AML length	0.062	-0.130 to 0.254	0.081	0.518
TTE PML length	0.086	-0.158 to 0.330	0.097	0.479
LVEDV	0.014	-0.008 to 0.035	0.195	0.206
PML resection	-0.807	-2.748 to 1.133	-0.112	0.405
Chords	-0.285	-1.786 to 1.215	-0.043	0.702
Flexible Band	2.138	-0.356 to 4.632	0.199	0.091
Semirigid Ring	-0.982	-2.664 to 0.701	-0.149	0.045
Semirigid Band	-0.873	-1.592 to 0.957	-0.138	0.055

AML, anterior mitral leaflet; AP, anteroposterior; BSA, body surface area; CI, confidence interval; LVEDV, left ventricle end-diastolic volume; PCC, Pearson correlation coefficient; PML, posterior mitral leaflet; RC, regression coefficient; SPB, SimuPlus Band; SR, Simulus Ring; TTE, transthoracic echocardiography.

Table S2 Variable influencing implanted-predicted size difference in the Semirigid Ring group

	RC	95% CI	PCC (r)	P value
Gender	-1.499	-4.708 to 1.709	-0.233	0.339
BSA	2.161	-4.247 to 8.569	0.144	0.488
Systolic AP annulus	-0.053	-0.267 to 0.162	-0.095	0.611
TTE AML length	0.010	-0.241 to 0.262	0.013	0.932
TTE PML length	0.003	-0.373 to 0.379	0.003	0.988
LVEDV	0.029	-0.002 to 0.060	0.363	0.068
PML resection	-1.733	-3.954 to 0.487	-0.275	0.118
Chords	-0.274	-2.024 to 1.475	-0.044	0.746

AML, anterior mitral leaflet; AP, anteroposterior; BSA, body surface area; CI, confidence interval; LVEDV, left ventricle end-diastolic volume; PCC, Pearson correlation coefficient; PML, posterior mitral leaflet; RC, regression coefficient; TTE, transthoracic echocardiography.

Table S3 Variable influencing implanted-predicted size difference in the Semirigid Band group

	RC	95% CI	PCC (r)	P value
Gender	0.597	-5.634 to 6.829	0.110	0.822
BSA	1.606	-8.681 to 11.893	0.170	0.716
Systolic AP annulus	0.121	-0.668 to 0.911	0.240	0.719
TTE AML length	0.545	-0.495 to 1.586	0.836	0.247
TTE PML length	0.299	-0.382 to 0.980	0.488	0.324
LVEDV	-0.033	-0.128 to 0.062	-0.691	0.422
PML resection	8.574	-5.867 to 23.014	0.765	0.196
Chords	4.534	-5.263 to 14.332	0.652	0.301

AML, anterior mitral leaflet; AP, anteroposterior; BSA, body surface area; CI, confidence interval; LVEDV, left ventricle end-diastolic volume; PCC, Pearson correlation coefficient; PML, posterior mitral leaflet; RC, regression coefficient; TTE, transthoracic echocardiography.