

Supplementary Material

Supplementary Table S1. Echocardiographic data

	Pre-TAVI	Post-TAVI	P value
Systolic BP (mmHg)	135.4 ± 20.9	124.5 ± 14.5	0.002
Diasolic BP (mmHg)	74.7 ± 10.1	66.6 ± 8.7	<0.001
TAPSE (mm)	21.5 ± 3.1	23.7 ± 4	0.064
PASP (mmHg)	41.6 ± 10.9	39.7 ± 10	0.292
LAVi (ml/m ³)	43.8 ± 8.4	44.1 ± 8.8	0.341
E/e'	13.2 ± 3	12.7 ± 2.1	0.334
LVEDD (mm)	50.6 ± 7.1	48.4 ± 6	0.869
IVSd (mm)	14.1 ± 3	13.9 ± 3.1	0.217
LVEF (%)	52.8 ± 9.3	52.1 ± 9.3	0.063
GLS (%)	-16.8 ± 5	-18.8 ± 4	0.060
AV mean gradient (mmHg)	46.7 ± 15.8	10.5 ± 5.9	<0.001

BP, Blood Pressure; TAPSE, Tricuspid Annular Plane Excursion; PASP, Pulmonary Artery Systolic Pressure; LAVi, Left Atrial Volume index; LVEDD, Left Ventricular End-Diastolic Diameter; IVSd, Interventricular Septal Diameter diastolic; LVEF, Left Ventricular Ejection Fraction; GLS, Global Longitudinal Strain; AV, Aortic Valve.

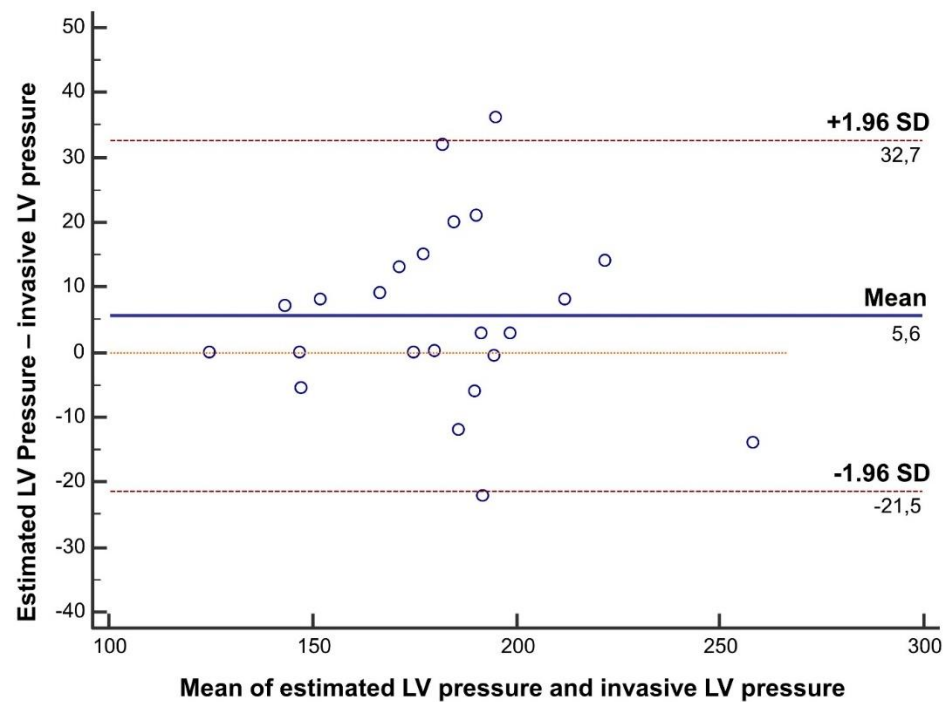
Legend to Supplementary Figures

Supplementary Figure S1 (SF1). Bland-Altman plot showing good correspondence between estimated and invasively measured left ventricular (LV) pressure. SD=standard deviation.

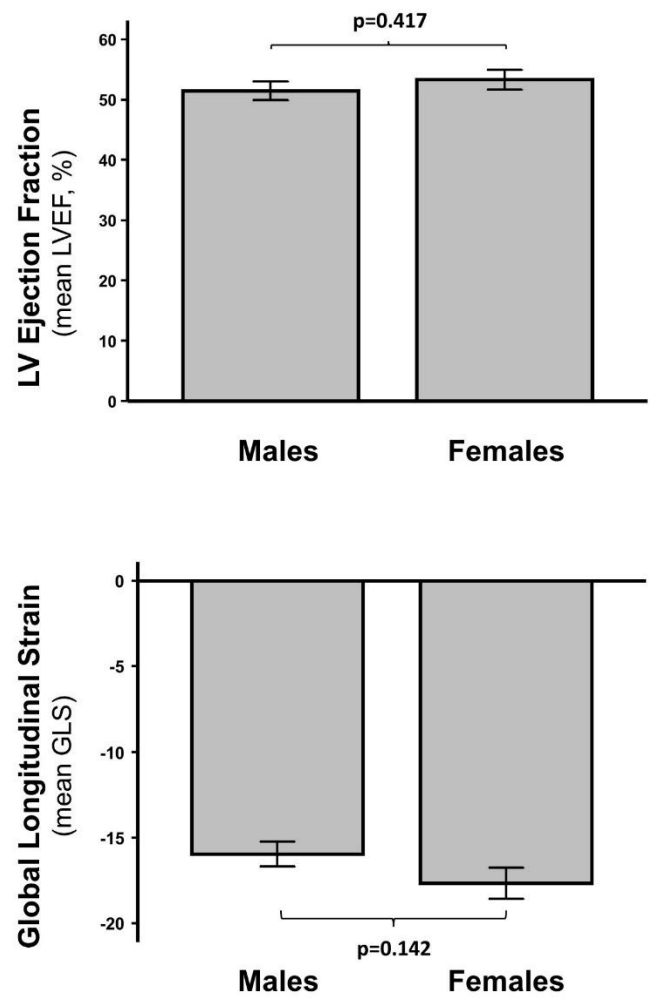
Supplementary Figure S2 (SF2). Comparison of mean baseline LV Ejection Fraction (upper panel) and Global Longitudinal Strain (lower panel) between men and women.

Supplementary Figure S3 (SF3). Comparison of mean baseline LV Ejection Fraction (upper panel) and Global Longitudinal Strain (lower panel) between patients with normal high gradient severe aortic stenosis (HG) and low flow/low gradient severe aortic stenosis (LF-LG).

Supplementary Figure S1 (SF1).



Supplementary Figure S2 (SF2).



Supplementary Figure S3 (SF3).

