

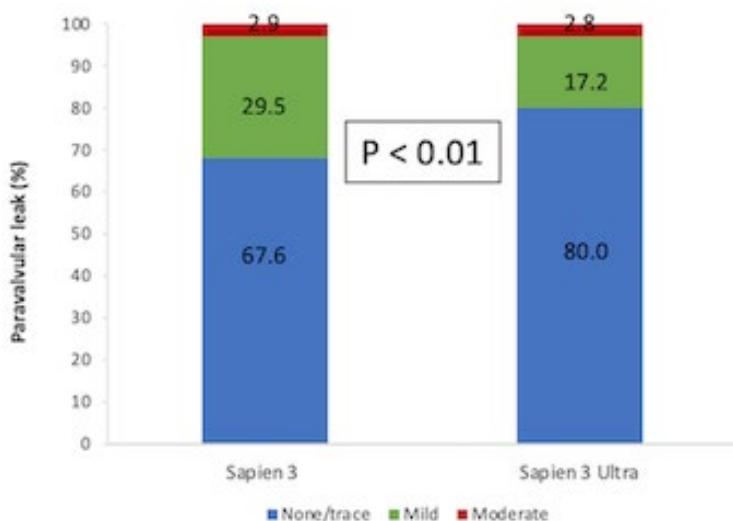
Supplementary data

Supplementary Appendix 1. List of participating centres.

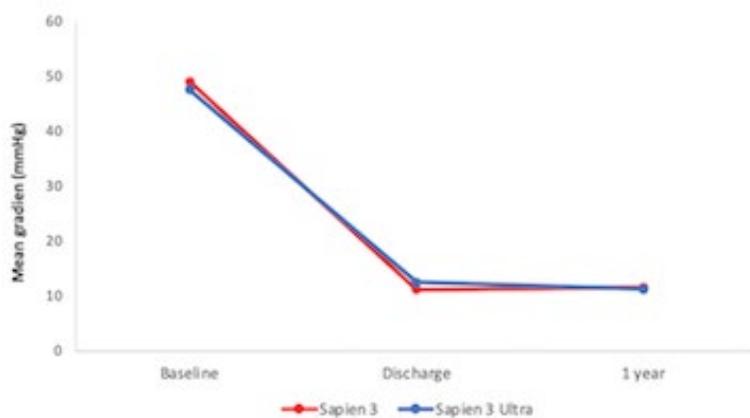
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- Hospital de Santa Cruz, CHLO, Nova Medical School, CEDOC, Lisbon, Portugal
- Centro Cardiologico Monzino, I.R.C.C.S., University of Milan, Via Carlo Parea, 4, Milan, Italy
- Cardiovascular Institute, Hospital Clínico San Carlos, Madrid, Spain
- Mauriziano Hospital, Turin, Italy
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Supplementary Table 1. Echocardiographic outcomes of unadjusted and propensity-matched populations at 1 year.

	Unadjusted				Propensity matched	
	Sapien 3	Sapien 3 Ultra	OR (95% CI)	p value	OR (95% CI)	p value
Peak gradient (mmHg)	20.9±8.74	20.73±8.06	0.93 (0.61-1.41)	0.807	-0.73 (-3.17-1.85)	0.558
Mean gradient (mmHg)	11.55±9.37	11.26±4.47	0.52 (0.26-1.04)	0.666	-0.64 (-2.19-0.90)	0.389
AVA (cm ²)	1.49±0.39	1.53±0.38	0.45 (0.17-1.18)	0.472	0.07 (-0.09-0.10)	0.08
None-trace PVL	496 (67.6)	173 (80.0)	1.88 (1.31-2.74)	<0.01	1.71 (1.28-2.28)	<0.01
Mild PVL	216 (29.5)	37 (17.2)	0.50 (0.34 -0.73)	<0.01	0.63 (0.44-0.88)	<0.01
Moderate or greater PVL	21 (2.9)	6 (2.8)	0.98 (0.36-2.33)	0.975	0.88 (0.42-0.1.85)	0.738
LVEF (%)	58.68±9.04	57.62±8.55	-1.05 (-2.43-0.32)	0.133	-0.48 (-2.06-1.09)	0.533



Supplementary Figure 1. Rate of paravalvular leak (PVL) at 1 year.



Supplementary Figure 2. Mean gradient before and after TAVI.