SUPPLEMENTAL MATERIAL

Table S1. Procedural data

	Number of patients, n = 100
Second Valve	4
Pre-dilatation	96
THV type	
Self-expanding valve	91
Balloon expandable valve	9
Device	
Early-generation device	65
New-generation device	35
Post-dilatation	63
Death	0
Myocardial infarction	0
Aortic dissection	2
Conversion to SAVR	0
Annular rupture	0
Coronary obstruction	0

SAVR, surgical aortic valve replacement; THV, transcatheter heart valve

Table S2. Conduction disturbance detected by smartwatch leading to therapy

Patient #	Age (yrs)	Sex	Cardiovascular symptoms	Conduction Abnormalities	Detected by watch	Readmission	Therapy
1	67	Male	cardiogenic syncope	af, LBBB, sinus arrest for 8.46 seconds	Yes	Yes	pacemaker
2	82	Male	palpitations	frequent ventricular premature	Yes	No	beta-block
3	84	Male	no symptoms	third-degree atrioventricular block, sinus arrest for 4.6 seconds	Yes	Yes	pacemaker
4	72	Female	palpitations	frequent ventricular premature	Yes	No	potassium chloride for hypokalemia
5	87	Male	dizziness, nausea	frequent ventricular premature	Yes	Yes	beta-block
6	63	Female	no symptoms	high-degree atrioventricular block	Yes	Yes	pacemaker
7	70	Female	dizziness	af, LBBB, prolonged RR interval	Yes	Yes	pacemaker
8	81	Female	dizziness	af with hypotension	Yes	Yes	amiodarone
9	67	Male	palpitations	frequent atrial premature with IVCD	Yes	No	beta-block

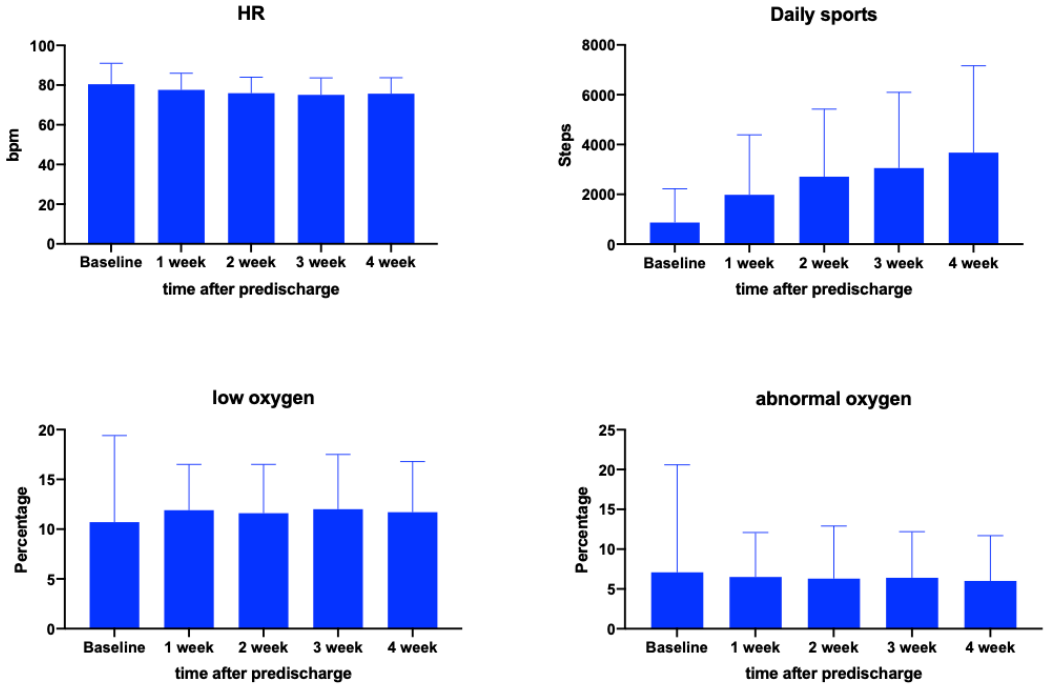
af, atrial fibrillation; IVCD, intraventricular conduction disturbance; LBBB, left bundle branch block.

Table S3. Biometric parameters recorded by watch during 30-day follow-up

	Number of patients, n = 100
Average weekly hear rate, bpm	
Baseline	80.5±10.5
First week	77.6±8.4
Second week	75.9±8.1
Third week	75.1±8.5
Fourth week	75.7±8.0
Ratio of low oxygen saturation (≥90% and ≤95%), %	
Baseline	10.7±8.7
First week	11.9±4.6
Second week	11.6±4.9
Third week	12.0±5.5
Fourth week	11.7±5.1
Ratio of abnormal oxygen saturation (<90%), ‰	
Baseline	7.1±13.5
First week	6.5±5.6
Second week	6.3±6.6
Third week	6.4±5.8
Fourth week	6.0±5.7
Daily steps, steps	
Baseline	870±1353
First week	1986±2406
Second week	2707±2716
Third week	3059±3036
Fourth week	3678±3485

Data are presented as mean ± SD.

Figure S1. Biometric parameters recorded by smartwatch at baseline and after discharge



HR, heart rate.