SUPPLEMENTAL MATERIAL

Table S1. Baseline characteristics by cumulative pacing time.

	T1 (3-24 sec) N=119	T2 (25-35 sec) N=114	T3 (>35 sec) N=119	P-value
Age (years)	81±7	82±7	81±7	0.35
Male	51(43)	60(53)	62(52)	0.24
Diabetes mellitus	48(40)	45(40)	48(41)	0.99
Hypertension	99(83)	96(84)	102(86)	0.87
Hyperlipidemia	90(76)	75(66)	84(72)	0.25
Chronic renal failure	26(22)	29(26)	30(26)	0.72
Dialysis	2(1.7)	1(0.9)	2(1.7)	0.83
Chronic lung disease	16(14)	14(12)	27(23)	0.06
Peripheral vascular disease	12(10)	12(11)	16(14)	0.63
Prior myocardial infarction	27(23)	38(34)	27(23)	0.11
Prior coronary bypass surgery	26(22)	19(17)	27(23)	0.45
Prior percutaneous coronary intervention	29(25)	44(39)	33(28)	0.044
Prior cerebrovascular accident	17(14)	21(18)	15(13)	0.46
Euroscore II	4.6±4.5	4.2±4.8	5.9±6.4	0.04
STS score	4.7±2.9	5.2±3.2	4.9±2.7	0.49
Atrial fibrillation/flutter	31(27)	30(26)	40(34)	0.31
Permanent pacemaker	11(9.2)	10(8.8)	7(6)	0.61
Left ventricular ejection fraction >50%	92(81)	82(76)	85(74)	0.46
SPAP mmHg	48±15	45±12	47±14	0.51

All numbers expressed as mean±SD or n(%)

STS- Society of Thoraacic Surgeons; SPAP- estimated systolic pulmonary artery pressure

Table S2. Procedural characteristics by cumulative pacing time.

	T1 (3-24 sec) N=119	T2 (25-35 sec) N=114	T3 (>35 sec) N=119	P-value
Self expandable valve	102(86)	74(65)	24(20)	<0.001
Balloon expandable valve	17(14)	40(35)	95(80)	<0.001
Predilation	69(58)	87(76)	106(89)	<0.001
Post-dilation	39(33)	22(20)	26(22)	0.05
Post-procedural paravalvular leak				0.35
none-mild	105(88)	98(86)	92(77)	
moderate	13(11)	15(13)	26(22)	
severe	1(0.8)	1(0.9)	1(0.8)	

All numbers expressed as n(%)