

Table S1.

	F _{Time*Group}	F _{Group}	F _{Time}	P _{Time*Group}	P _{Group}	P _{Time}
Threshold	0.356	0.645	11.837	0.839	0.424	<0.001
Sensing	0.970	1.480	13.617	0.424	0.225	<0.001
Impedance	2.225	0.319	286.229	0.065	0.573	<0.001

Table S2.

Threshold		<i>P</i> -value			<i>P</i> -value
Age ≥80 years			Age< 80 years		
At implant	1 week	0.004	At implant	1 week	1.000
	1 month	0.810		1 month	1.000
	6 months	1.000		6 months	0.069
	12 months	1.000		12 months	1.000
1 week	At implant	0.004	1 week	At implant	1.000
	1 month	1.000		1 month	1.000
	6 months	0.028		6 months	0.004
	12 months	0.011		12 months	0.919
1 month	At implant	0.810	1 month	At implant	1.000
	1 week	1.000		1 week	1.000
	6 months	1.000		6 months	0.060
	12 months	0.382		12 months	1.000
6 months	At implant	1.000	6 months	At implant	0.069
	1 week	0.028		1 week	0.004
	1 month	1.000		1 month	0.060
	12 months	1.000		12 months	1.000
12 months	At implant	1.000	12 months	At implant	1.000
	1 week	0.011		1 week	0.919
	1 month	0.382		1 month	1.000
	6 months	1.000		6 months	1.000

Table S3.

Sensing		<i>P</i> -value		<i>P</i> -value	
Age≥80 years			Age<80 years		
At implant	1 week	0.005	At implant	1 week	0.004
	1 month	0.001		1 month	<0.001
	6 months	0.009		6 months	<0.001
	12 months	1.000		12 months	<0.001
1 week	At implant	0.005	1 week	At implant	0.004
	1 month	1.000		1 month	0.012
	6 months	1.000		6 months	0.917
	12 months	1.000		12 months	0.298
1 month	At implant	0.001	1 month	At implant	<0.001
	1 week	1.000		1 week	0.012
	6 months	1.000		6 months	1.000
	12 months	1.000		12 months	1.000
6 months	At implant	0.009	6 months	At implant	<0.001
	1 week	1.000		1 week	0.917
	1 month	1.000		1 month	1.000
	12 months	1.000		12 months	1.000
12 months	At implant	1.000	12 months	At implant	<0.001
	1 week	1.000		1 week	0.298
	1 month	1.000		1 month	1.000
	6 months	1.000		6 months	1.000

Table S4.

Imepdance		P-value			P-value
Age $\geq$ 80 years			Age<80 years		
At implant	1 week	<0.001	At implant	1 week	<0.001
	1 month	<0.001		1 month	<0.001
	6 months	<0.001		6 months	<0.001
	12 months	<0.001		12 months	<0.001
1 week	At implant	<0.001	1 week	At implant	<0.001
	1 month	0.072		1 month	1.000
	6 months	0.027		6 months	1.000
	12 months	0.037		12 months	0.145
1 month	At implant	<0.001	1 month	At implant	<0.001
	1 week	0.072		1 week	1.000
	6 months	1.000		6 months	1.000
	12 months	1.000		12 months	1.000
6 months	At implant	<0.001	6 months	At implant	<0.001
	1 week	0.027		1 week	1.000
	1 month	1.000		1 month	1.000
	12 months	1.000		12 months	1.000
12 months	At implant	<0.001	12 months	At implant	<0.001
	1 week	0.037		1 week	0.145
	1 month	1.000		1 month	1.000
	6 months	1.000		6 months	1.000

Table S5.

	LVEF, %	LVEDD, mm	LVESD, mm
Patients with normal cardiac function			
Age $\geq$ 80 years (n=16)			
Baseline, mean (SD)	62.2(5.1)	47.0(4.5)	31.1(4.2)
6 months, mean (SD)	62.3(2.8)	46.1(2.5)	31.0(3.2)
P value	0.941	0.484	0.888
Age<80 years (n=57)			
Baseline, mean (SD)	61.8(7.3)	49.6(4.9)	33.1(5.3)
6 months, mean (SD)	62.3(5.0)	48.7(4.0)	32.4(4.0)
P value	0.452	0.096	0.092
Heart failure with LBBB			
Age $\geq$ 80 years (n=2)			
Patient 1			
Baseline	45	55	41
6 months	55	52	39
Patient 2			
Baseline	41	54	43
6 months	62	45	30
Age<80 years (n=17)			
Baseline, mean (SD)	35.9(9.5)	61.0(8.4)	50.1(9.3)
6 months, mean (SD)	45.3(13.1)	55.9(8.8)	43.4(11.0)
P value	0.006*	0.013*	0.010*

* $P<0.05$

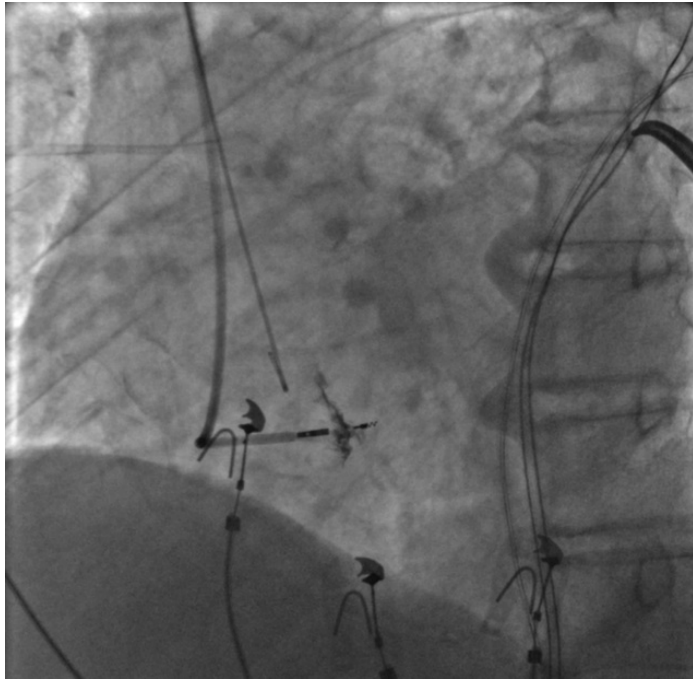


Figure S1. Sheath angiography