

Supplemental material

Amyloid Deposits in a Functionally Unicuspid Stenotic Aortic Valve

Supplemental Table S1. Echocardiographic parameters before and after aortic valve replacement

Echo parameters	Before surgery	9 months after surgery	2 years after surgery
Aortic valve area	0.86 cm ²	1.8 cm ²	1.7 cm ²
Mean transaortic pressure gradient	56 mmHg	8 mmHg	11 mmHg
Aortic regurgitation	Trivial	Trivial	Trivial
Heart rate	52 bpm	62 bpm	55 bpm
LV ejection fraction	65 %	60 %	60 %
Stroke volume index	56 ml/m ²	44 ml/m ²	48.6 ml/m ²
Interventricular septum thicknesses	12 mm	10 mm	9 mm
Posterior wall thicknesses	12 mm	10 mm	8 mm
LV mass index	150 g/m ²	114 g/m ²	111 g/m ²
Relative wall thickness	0.45	0.39	0.30
LV internal diameter in end diastole	53 mm	53 mm	58 mm
E/A	1.62	1.16	2.17
E/e'	6.44	10.14	6.10
LV global longitudinal strain	-17.3 %	-17.4 %	-18.1 %
Apex to base global longitudinal strain ratio	2.2	1.5	1.4
Average mitral s' wave velocity	7 cm/s	7.5 cm/s	8.3 cm/s
Systolic pulmonary arterial pressure	26 mmHg	16 mmHg	23 mmHg
Left atrium volume index	40 ml/m ²	33 ml/m ²	37 ml/m ²
Right atrium	normal	normal	normal
TAPSE	24 mm	13 mm	18 mm
Tricuspid s' wave velocity	14 cm/s	9 cm/s	N/A

Supplemental Figure S1. 99mTc PYP cardiac scintigraphic exam

One hour after 99mTc PYP injection, cardiac scintigraphy turns out negative with a visual myocardial uptake 0/3 grade.

