

IMAGES IN CARDIOLOGY

Reversible high rate atrial fibrillation dilated cardiomyopathy

A 62 year old man presented with heart failure, cardiomegaly, and atrial fibrillation with high rate ventricular response. Treatment with amiodarone and β blockers led to a progressive reduction in the ventricular response to atrial fibrillation, and later to normal sinus

rhythm. The clinical features of dilated cardiomyopathy resolved during 296 days of follow up with the return of the heart rate to normal values.

JULIO O LAZZARI
JORGE GONZALEZ

Clinical, radiological, and echocardiographic data

Day	Rhythm	Heart rate (beats/min)	CTI	LA size (mm)	LVDD (mm)	EPSS (mm)	VST (%)
1	AF	185	58	47	52	17	8
86	AF	120	54	40	54.2	17	15
223	Sinus	55	48	35	47.7	13.5	25
296	Sinus	54	48	37	47.5	8.2	50

AF, atrial fibrillation; CTI, cardiothoracic index; EPSS, E point-septal separation; LA, left atrium; LVDD, maximum left ventricular internal dimension at end diastole; VST, ventricular septal thickening.

(A) Day 1; (B) Day 86;
(C) Day 223; (D) Day 296.

