

Table S1: List of echocardiographic variables.

Measurements of left atrial (LA) size and function (2DE, right-parasternal long-axis view of left atrium and left ventricle, optimized to image the LA)		
LAD _{max}	cm	Internal left atrial diameter measured at the widest distance parallel to the mitral valve annulus at the time of maximum atrial filling (one frame before mitral valve opening)
LAD _{max} (500)	cm	LAD _{max} corrected to a BWT of 500kg
LAA _{max}	cm ²	Internal left atrial area measured during maximum atrial filling (one frame before mitral valve opening)
LAA _{max} (500)	cm ²	LAA _{max} corrected to a BWT of 500kg
LAA _a	cm ²	Internal left atrial area measured at the onset of active atrial contraction (at the onset of the electrocardiographic P wave)
LAA _{min}	cm ²	Internal left atrial area measured during minimum atrial filling (at the time of closure of the mitral valve)
Active LA FAC	%	Active LA fractional area change (Active LA FAC = $LAA_a - LAA_{min} / LAA_a$)
Measurements of left atrial size (2DE, right-parasternal short-axis view at the aortic valve level, optimized for the left atrium and left-atrial appendage)		
LA _{sx} A _{max} (500)	cm ²	LA area at end-systole (closure of aortic valve) corrected to a BWT of 500kg
Linear measurements of LV size and function (M-mode, right-parasternal short-axis view of the left ventricle at the chordal level)		
LVID _d , LVID _s	cm	Left ventricular internal diameter at end-diastole (at the onset of the electrocardiographic QRS complex) and at peak-systole (at the time at which the left ventricular internal lumen is narrowest)
LVID _d (500)	cm	LVID _d corrected to a BWT of 500kg
LV FS	%	Left ventricular fractional shortening (LV FS = $(LVID_d - LVID_s) / LVID_d \times 100$)
LAD _{max} /LVID _d	-	LAD _{max} -to-LVID _d ratio
Volumetric estimates of LV size and function (2DE, right-parasternal long-axis view of left atrium and left ventricle, optimized to image the LV, single-plane Simpson's model of discs)		
LVIV _d , LVIV _s	mL	Left ventricular internal volume at end-diastole and at peak systole
LVIV _d (500)	mL	LVIV _d corrected to a BWT of 500kg
LV EF	%	Left ventricular ejection fraction (LV EF = $(LVIV_d - LVIV_s) / LVIV_d \times 100$)
Variables characterizing left atrial and left ventricular mechanical function (pulsed-wave tissue Doppler imaging of the left ventricular free wall, right-parasternal short-axis view of the left ventricle at the chordal level)		
PEP _m	msec	Pre-ejection period
ET _m	msec	Ejection time
PEP _m /ET _m	-	PEP _m :ET _m ratio
IVCT _m	msec	Isovolumetric contraction time (onset S1 to onset S _m)
IVRT _m	msec	Isovolumetric relaxation time (onset E1 to onset E _m)
IMP _m	-	Index of myocardial performance (IMP _m = $(IVCT_m + IVRT_m) / ET_m$)
E _m	cm/sec	Maximum wall motion velocity during early diastole (corresponding to passive ventricular filling)
A _m	cm/sec	Maximum wall motion velocity during late diastole (corresponding to atrial contraction)
E _m /A _m	-	E _m :A _m ratio