

Supplementary material

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Table S1. Baseline characteristics

	All patients (n = 103)	Q V1–V2 (n = 60, 58.3%)	Non-Q V1–V2 (n = 43, 41.7%)	P-value
Gender				0.023
Males, n (%)	52 (50.5)	36 (60.0)	16 (37.2)	
Females, n (%)	51 (49.5)	24 (40.0)	27 (62.8)	
Age, years, mean (SD)	68.5 (10.7)	68.7 (11.4)	68.1 (9.8)	0.795
SigmoidAorticAngle (°), mean (SD)	82.9 (14.9)	74.5 (10.5)	94.6 (11.9)	<0.001
SigmoidAorticAngle ≤90°, n(%)	75 (72.8)	58 (96.7)	17 (39.5)	<0.001
AortoSeptalAngle (°), mean (SD)	128.5 (12.1)	126.5 (11.9)	131.4 (11.9)	0.044
AortoSeptal minus AortoSigmoid an- gle, mean (SD)	45.6 (15.6)	51.9 (14.1)	36.7 (13.3)	<0.001
ASig/ASep angle, mean (SD)	0.65 (0.11)	0.59 (0.09)	0.72 (0.09)	<0.001

MiddleIVSthick (mm), mean (SD)	10.2 (1.0)	10.6 (1.0)	9.7 (0.8)	<0.001
MaxIVSthick (mm), mean (SD)	14.2 (1.3)	14.7 (1.3)	13.5 (0.9)	<0.001
PosteriorThick (mm), mean (SD)	9.9 (0.98)	10.3 (1.0)	9.4 (0.7)	<0.001
MaxMidIVSratio (mm), mean (SD)	1.4 (0.06)	1.4 (0.06)	1.4 (0.07)	0.358
MaxPosteriorIVSratio (mm), mean (SD)	1.4 (0.08)	1.4 (0.08)	1.4 (0.08)	0.623
MidPosteriorIVSratio (mm), mean (SD)	1.0 (0.03)	1.0 (0.03)	1.03 (0.03)	0.620
EF (%),mean (SD)	58 (3)	58 (2.5)	58 (2.5)	0.419
Arterial HTN, n(%)	60 (58.3)	41 (68.3)	18 (41.9)	0.007
Abbreviations: ASig, sigmoid aortic angle; Asep, aortoseptal angle; IVS, interventricular septum; thick, thickness; EF, ejection fraction; HTN, hypertension; SD, standard deviation				

Table S2. Multivariable model for an AortoSigmoid angle $\leq 90^\circ$

	Odds ratio	95% CI	
Gender	1.058	0.346	3.233
Age	0.980	0.932	1.031
SigAortic ≤ 90	30.073	5.972	151.430
MaxIVSthick	1.990	1.168	3.390
ArtHTN	0.827	0.258	2.658

Abbreviations: Asig, sigmoid aortic angle; IVS, interventricular septum; thick, thickness; ArtHTN, arterial hypertension; CI, confidence interval

Table 3. Multivariable model assessing the AortoSigmoid angle as a continuous variable

	Odds ratio	95% CI	
Gender	0.852	0.247	2.937
Age	0.972	0.916	1.031
SigmoidAorticAngle	0.827	0.762	0.897
MaxIVSthick	1.933	1.063	3.516
ArtHTN	0.568	0.153	2.101
Abbreviations: Asig, sigmoid aortic angle; IVS, interventricular septum; thick, thickness; ArtHTN, arterial hypertension; CI, confidence interval			

Forest plot 1. Multivariable analysis of the proposed model for an AortoSigmoid angle $\leq 90^\circ$.

