

## Supplementary material

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**Table S1.** Inter- and intra-observer agreement

	<b>Intraclass correlation coefficient (95% CI)</b>	<b>P-value</b>
<u>Inter-observer agreement</u>		
PAD, mm	0.972 (0.929–0.989)	0.002
AoD, mm	0.980 (0.949–0.992)	0.002
<u>Intra-observer agreement</u>		
PAD, mm	0.799 (0.551–0.917)	0.005
AoD, mm	0.861 (0.676–0.944)	0.005

Abbreviations: AoD, ascending aorta diameter; PAD, pulmonary artery diameter

**Table S2.** Comparison of the relevant parameters between who died at 1-year versus those being alive

<b>VARC-2 endpoints</b>	<b>1 year death (n = 34, 12.8%)</b>	<b>1 year alive (n = 232, 87.2%)</b>	<b>P-value</b>
Age, years, median (IQR)	84.0 (80.0–87.3)	82.0 (78.0–85.0)	0.056
Previous stroke/TIA history, n (%)	9 (26.5)	27 (11.6)	0.03
Chronic obstructive lung disease (COPD), n (%)	7 (20.6)	21 (9.1)	0.06
Atrial fibrillation, n (%)	17 (50.0)	56 (24.1)	0.003

Baseline maximal AV gradient, mm Hg, median (IQR)	73.5 (55.8–85.4)	81.5 (66.8–94.0)	0.04
Low HDL-C and high CRP <sup>a</sup> , n (%)	14 (41.4)	38 (16.4)	0.004
PASP >36 mm Hg, n (%)	24 (70.6)	124 (53.4)	0.07
Severe annular calcification or heavily calcified AV leaflets, n (%)	14 (42.2)	252 (54.6)	0.20
PAD, mm, mean (SD)	28.9 (5.0)	26.5 (4.6)	0.005
PAD/AoD, mean (SD)	0.81 (0.13)	0.76 (0.13)	0.02
PAD >29.3 mm, n (%)	17 (50.0)	55 (23.7)	0.003

<sup>a</sup>HDL-C  $\leq$ 46 mg/dl and CRP  $\geq$ 0.20 mg/dl

Abbreviations: TIA, transient ischemic attack; AV, aortic valve; PASP, systolic pulmonary artery pressure; PAD, pulmonary artery diameter; AoD, ascending aorta diameter; HDL, high-density lipoprotein; CRP, C-reactive protein; HR, hazard ratio; CI, confidence interval