



Erratum to prognostic implication of pulmonary artery pulsatility index before transcatheter aortic valve replacement

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Erratum to: *Cardiovasc Diagn Ther* 2022;12:188-95

This article (1) entitled “Prognostic implication of pulmonary artery pulsatility index before transcatheter aortic valve replacement” (doi: 10.21037/cdt-21-682), unfortunately contains an incorrect table (*Table 1*). In the original *Table 1*, the number of each approach type, prevalence of comorbidities, and the number of moderate or greater mitral regurgitation/tricuspid regurgitation were incorrect.

After the update, statistical significance for the two-group comparison in these variables remained unchanged. These updates did not change the other statistics, discussion, and conclusions. All original data were double-checked, and the other results and conclusions remain correct. Corrected *Table 1* is presented below.

Table 1 Baseline characteristics

Characteristics	Total (N=227)	Lower PAPI (N=33)	Higher PAPI (N=194)	P value
Demographics				
Age (years)	86 [83, 88]	85 [83, 88]	86 [82, 89]	0.26
Men	66 [29]	13 [39]	53 [27]	0.21
Body surface area (m ²)	1.38 [1.29, 1.52]	1.43 [1.31, 1.61]	1.38 [1.28, 1.50]	0.15
Approach				
Trans-femoral	214 [94]	30 [91]	189 [97]	–
Trans-apex	5 [2]	1 [3]	4 [2]	–
Trans-subclavian	7 [3]	1 [3]	6 [3]	–
Direct aorta	1 [<1]	1 [3]	0	–
Comorbidity				
History of stroke	35 [15]	2 [6]	33 [17]	0.11
Diabetes mellitus	39 [17]	9 [27]	30 [15]	0.065
Hyperlipidemia	103 [45]	16 [48]	87 [45]	0.70
Peripheral artery disease	59 [26]	10 [30]	49 [25]	0.50
Chronic obstructive pulmonary disease	15 [7]	2 [6]	13 [7]	0.89
History of cardiac surgery	9 [4]	3 [9]	6 [3]	0.10
Atrial fibrillation	23 [10]	1 [3]	22 [11]	0.30
Laboratory data				
Hemoglobin (g/dL)	10.9 [9.9, 12.1]	11.7 [10.7, 12.6]	10.8 [9.8, 11.9]	0.007*
Serum albumin (g/dL)	3.8 [3.5, 4]	3.8 [3.5, 4.0]	3.8 [3.5, 4.0]	0.82
Serum sodium (mEq/L)	140 [139, 142]	140 [139, 142]	140.5 [139, 142]	0.92
eGFR (mL/min/1.73 m ²)	49.1 [37.4, 61.7]	50.1 [33.5, 60.6]	49.1 [37.9, 61.9]	0.88
Plasma B-type natriuretic peptide (pg/mL)	262 [123, 498]	191 [114, 420]	270 [123, 506]	0.51
Echocardiography				
Peak velocity at aortic valve (m/s)	4.5 [4.0, 4.9]	4.5 [4.2, 4.7]	4.5 [4.0, 4.9]	0.61
Mean pressure gradient at aortic valve (mmHg)	47 [38, 57]	47 [41, 54]	47 [38, 57]	0.63
Left ventricular end-diastolic diameter (mm)	46 [42, 51]	46 [41, 52]	46 [42, 51]	0.56
Left ventricular ejection fraction (%)	65 [54, 70]	65 [50, 69]	65 [54, 70]	0.80
Moderate or greater MR	16 [7]	3 [9]	13 [7]	0.37
Moderate or greater TR	6 [3]	0	6 [3]	0.31
Hemodynamics				
Systolic blood pressure (mmHg)	114 [105, 124]	110 [105, 123]	115 [105, 125]	0.30
Heart rate (bpm)	69 [60, 77]	71.5 [61, 87.25]	68 [59.75, 75.25]	0.15
Central venous pressure (mmHg)	5 [3, 7]	8 [6, 9]	5 [3, 6]	<0.001*
Systolic pulmonary artery pressure (mmHg)	31 [26, 36]	28 [24, 31]	31 [26, 37]	0.021*
Diastolic pulmonary artery pressure (mmHg)	12 [9, 15]	15 [12, 18]	11 [9, 15]	<0.001*
Pulmonary artery pulsatility index	3.6 [2.6, 5.5]	1.7 [1.3, 1.9]	4.3 [3.0, 6.0]	<0.001*
Pulmonary capillary wedge pressure (mmHg)	11 [9, 15]	13 [10, 16]	11 [8, 15]	0.062
Cardiac index (L/min/m ²)	2.71 [2.39, 3.03]	2.53 [2.18, 2.85]	2.75 [2.40, 3.05]	0.37

Continuous variables are presented as median [interquartile range]. Categorical variables are presented as numbers [percentages]. *, P<0.05. PAPI, pulmonary artery pulsatility index; eGFR, estimated glomerular filtration ratio; MR, mitral regurgitation; TR, tricuspid regurgitation.

The authors apologize for the mistake.

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References

1. Oshima A, Imamura T, Tanaka S, et al. Prognostic implication of pulmonary artery pulsatility index before transcatheter aortic valve replacement. *Cardiovasc Diagn Ther* 2022;12:188-95.

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