

## Supplementary material

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*Cebrowska K, Minczykowski A, Guzik P, et al. The effect of a dynamic increase in afterload on the first-phase ejection fraction. Kardiol Pol. 2021.*

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**Table S1.** Haemodynamic and echocardiographic indices in response to sustained handgrip

Characteristic	Before	Isometric handgrip	P-value
BPsys, mm Hg	131.2 (9.4)	150.2 (14.8)	0.001
HR, beats/min	72.4 (11.2)	85.1 (10.2)	0.001
SV, ml	57.9 (10.5)	55.8 (11.4)	0.35
CO, ml/min	4182.8 (1073.4)	4759.0 (1196.7)	0.005
E/E'	4.8 (1.2)	5.3 (1.4)	0.09

Data are presented as mean (SD).

Abbreviations: BPsys, systolic blood pressure; CO, cardiac output; E/E', the ratio of early mitral inflow velocity to mitral annular early diastolic velocity; HR, heart rate; P, probability; SV, stroke volume