



Supplementary Table S3. Parameters of arterial structure and function in the study and the control group (data presented as mean \pm standard deviation and interquartile range).

Parameter	Study group	Control group	<i>p</i>
aPWV	5.17 \pm 0.93	4.49 \pm 0.72	0.004
[m/s]	(4.53 – 5.70)	(3.90 – 4.83)	
aPWV Z-score	0.02 \pm 1.72	−1.13 \pm 1.36	0.009
	(−1.54 – 1.39)	(−2.34 – −0.11)	
AIx75HR	−1.07 \pm 13.66	−3.77 \pm 12.77	0.938
[%]	(−11.00 – 5.00)	(−9.17 – 2.17)	
Buckberg SEVR	161.40 \pm 37.47	159.77 \pm 30.19	0.815
[%]	(133.33 – 189.00)	(136.17 – 172.17)	
cIMT	0.45 \pm 0.07	0.39 \pm 0.03	<0.001
[mm]	(0.40 – 0.50)	(0.37 – 0.42)	
cIMT Z-score	1.30 \pm 1.33	0.16 \pm 0.57	<0.001
	(0.29 – 2.44)	(−0.20 – 0.63)	
ET beta	4.12 \pm 3.53	3.71 \pm 0.98	0.576
	(2.70 – 4.30)	(3.15 – 4.55)	
ET Ep	55.50 \pm 45.74	44.20 \pm 12.40	0.503
[kPa]	(35.00 – 61.00)	(34.50 – 53.00)	
ET AC	1.20 \pm 0.53	1.06 \pm 0.33	0.278
[mm ² /kPa]	(0.91 – 1.46)	(0.83 – 1.22)	
ET AIx	−2.08 \pm 18.37	−4.08 \pm 7.57	0.432
[%]	(−7.80 – 1.10)	(−7.95 – −1.30)	
ET PWVbeta	4.22 \pm 1.42	3.91 \pm 0.55	0.435
[m/s]	(3.40 – 4.70)	(3.45 – 4.30)	
ET D max	6.31 \pm 0.66	5.89 \pm 0.74	0.023
[mm]	(5.94 – 6.70)	(5.25 – 6.47)	
ET D min	5.44 \pm 0.68	5.07 \pm 0.68	0.041
[mm]	(5.04 – 5.89)	(4.57 – 5.52)	
ET DATmax	133.82 \pm 37.92	149.05 \pm 48.78	0.219
[ms]	(107.00 – 146.00)	(125.50 – 149.50)	

aPWV: aortic pulse wave velocity; AIx75HR: augmentation index normalized to heart rate of 75 beats per minute; SEVR: subendocardial viability ratio; cIMT: common carotid artery intima-media thickness; ET: ECHO-tracking; beta: stiffness index; Ep: pressure strain elasticity modulus; AC: arterial compliance; AIx: augmentation index; D max: maximal diameter of the right common carotid artery; D min: minimal diameter of the right common carotid artery; DATmax: acceleration time to the right common carotid artery maximal diameter.