

Supplementary Table S2: Assessment of physical fitness by cardiopulmonary exercise test (CPET)

	PCS (n=94)	CAD[§] (n=68)	p-value
Resting			
<i>Heart rate, beat·min⁻¹</i>	90.1 ± 11.4	79.9 ± 11.9	<0.001
<i>O₂ pulse, ml·beat⁻¹</i>	6.6 ± 1.7	7.6 ± 2.4	<0.001
<i>Ventilatory equivalent O₂ (VE/VO₂)</i>	28.2 ± 5.0	32.1 ± 9.8	0.004
<i>Ventilatory equivalent CO₂ (VE/VCO₂)</i>	34.3 ± 4.0	39.0 ± 10.5	<0.001
Ventilatory threshold 1 (VT1)			
<i>Workload, % predicted</i>	38.9 ± 16.4	44.9 ± 12.5	0.017
<i>Heart rate, % predicted</i>	64.4 ± 12.5	60.5 ± 8.6	0.034
<i>O₂ pulse, % predicted</i>	75.4 ± 18.4	85.7 ± 16.2	<0.001
<i>VO₂, % predicted</i>	49.1 ± 13.3	50.1 ± 12.8	0.645
<i>Ventilatory equivalent O₂ (VE/VO₂), % predicted</i>	79.8 ± 12.8	81.3 ± 13.0	0.481
<i>Ventilatory equivalent CO₂ (VE/VCO₂)</i>	31.1 ± 4.1	31.1 ± 4.0	0.995
Peak exercise			
<i>Respiratory exchange rate (RER)</i>	1.05 ± 0.1	1.12 ± 0.1	<0.001
<i>Workload, % predicted</i>	71.1 ± 18.9	76.0 ± 21.6	0.135
<i>Heart rate, % predicted</i>	81.0 ± 11.5	74.9 ± 10.9	<0.001
<i>O₂ pulse, % predicted</i>	90.6 ± 17.7	101.4 ± 18.8	<0.001
<i>VO₂, % predicted</i>	72.7 ± 16.8	75.5 ± 16.0	0.290
<i>Ventilatory equivalent O₂ (VE/VO₂), % predicted</i>	99.6 ± 19.6	104.7 ± 17.8	0.104
<i>Ventilatory equivalent CO₂ (VE/VCO₂)</i>	32.9 ± 5.0	32.9 ± 4.0	0.942
<i>Respiratory minute ventilation (VE), % predicted</i>	58.0 ± 14.2	66.3 ± 16.0	<0.001
<i>Tidal volume (Vt), % predicted</i>	70.7 ± 19.4	71.1 ± 18.6	0.906
<i>Breathing frequency (Bf), % predicted</i>	54.3 ± 12.8	57.1 ± 13.1	0.193
<i>Breathing reserve (BR), %</i>	40.7 ± 17.5	39.8 ± 15.9	0.737

Data presented as mean ± SD. If indicated, results are presented as percent of predicted maximal values (% predicted) for comparison, taking differences in sex and age between groups into account. [§]CAD patients after coronary artery bypass graft (CABG) were not included in the analysis. Between-group comparison was performed using unpaired two-sided t-test or Mann-Whitney U test. VO₂, oxygen uptake; PCS, Post-Covid Syndrome patients; CAD, Coronary Artery Disease patients.