

Supplementary

Table S1 Multivariate odds ratios (ORs) from logistic regression with severe dyspnea (mMRC ≥2)

CPET parameters	Adjusted OR (95% CI)	P value
VO ₂ max, L/min	0.426 (0.003–60.408)	0.736
WR max, W	0.991 (0.961–1.023)	0.591
HRR, beats/min	1.027 (0.989–1.067)	0.168
O ₂ pulse max, mL/beat	1.018 (0.872–1.189)	0.821
V _E max, L/min	0.970 (0.872–1.079)	0.573
MVV, L/min	0.930 (0.890–0.973)	0.002
Peak P _{ETCO₂} , mmHg	0.827 (0.684–1.000)	0.05
V _D /V _T peak	0.000 (0.000–0.818)	<0.001

CPET, cardiopulmonary exercise testing; mMRC, modified Medical Research Council; VO₂ max, maximal oxygen uptake; WR, work rate; HRR, heart rate reserve; VE, minute ventilation; MVV, maximal voluntary ventilation; P_{ETCO₂}, end-tidal PCO₂; V_D, dead space volume; V_T, tidal volume.

Table S2 Multivariate odds ratios (ORs) from logistic regression with poor quality of life (CAT ≥10)

CPET parameters	Adjusted OR (95% CI)	P value
VO ₂ max, L/min	0.232 (0.016–3.470)	0.290
WR max, W	0.986 (0.968–1.005)	0.151
HRR, beats/min	1.010 (0.990–1.030)	0.320
V _E max, L/min	1.029 (0.971–1.090)	0.336
MVV, L/min	0.982 (0.963–1.002)	0.071
Peak P _{ETCO₂} , mmHg	1.019 (0.920–1.128)	0.719
V _D /V _T rest	114.720 (0.226–58,235.092)	0.136
V _D /V _T peak	0.012 (0.000–753.646)	0.433

CPET, cardiopulmonary exercise testing; CAT, COPD Assessment Test; VO₂ max, maximal oxygen uptake; WR, work rate; HRR, heart rate reserve; VE, minute ventilation; MVV, maximal voluntary ventilation; P_{ETCO₂}, end-tidal PCO₂; V_D, dead space volume; V_T, tidal volume.