

Supplementary Table S1. Baseline characteristics of the study population according to smoking status (n=125)

Characteristic	Never-smoker (n=21)	Ex-smoker (n=70)	Current smoker (n=34)	p-value
Age, yr	66.0±9.4	69.1±7.6	67.5±8.4	0.237
Male sex	10 (47.6)	69 (98.6)	33 (97.1)	<0.001
Body mass index, kg/m ²	24.6±2.4	23.5±3.1	23.6±3.4	0.357
Smoking intensity, pack-yr	0±0	52.7±29.9	48.9±18.4	<0.001
SGRQ score	32.0±20.3	38.1±16.5	34.7±14.9	0.296
CAT score	15.9±10.0	17.7±7.0	15.8±7.8	0.368
mMRC grade	1.24±0.77	1.41±0.81	1.34±0.70	0.822
Lung function				
FEV ₁ , L	1.53±0.35	1.50±0.50	1.57±0.46	0.713
FEV ₁ , % predicted	69.9±14.8	59.3±18.1	62.5±18.1	0.044
FVC, L	2.98±0.87	3.47±0.78	3.43±0.68	0.020
FVC, % predicted	92.9±16.7	94.0±17.0	93.1±17.9	0.415
FEV ₁ /FVC ratio	0.53±0.11	0.43±0.11	0.46±0.10	0.001
TLC, % predicted	112.8±19.3	116.7±17.0	109.6±15.4	0.103
RV, % predicted	116.8±29.3	128.7±41.3	114.1±32.7	0.285
D _{LCO} , % predicted	87.4±16.3	78.9±23.6	78.3±17.3	0.132
6-minute walking distance	481.8±98.4	511.2±569.0	449.5±88.9	0.290
Acute exacerbation				
Mild	0.48±2.18	0.34±1.11	0.09±0.37	0.507
Moderate	1.19±1.40	0.73±1.69	0.74±1.29	0.089
Severe	0.05±0.22	0.16±0.47	0.06±0.24	0.476

Values are presented as mean±standard deviation or number (%).

SGRQ: St. George's Respiratory Questionnaire; CAT: COPD assessment test; mMRC: modified Medical Research Council; FEV₁: forced expiratory volume in 1 second; FVC: forced vital capacity; TLC: total lung capacity; RV: residual volume; D_{LCO}: diffusing capacity of the lungs for carbon monoxide.