

Table 2 Initial clinical and laboratory data of 51 patients with chronic lung diseases

Variable	All patients (n = 51)	Interstitial lung diseases (n = 21)	Bronchiectasis (n = 18)	Asthma (n = 7)	Scoliosis (n = 5)	P-value
	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	
BMI (kg/m²)	30.0 (8.7)	28.9 (8.4)	29.7 (7.6)	37.8 (10.4)	24.9 (5.8)	0.046
Respiratory/exercise parameters						
FEV ₁ (% of predicted)	63.4 (20.4)	60.3 (16.9)	64.3 (21.7)	79.4 (15.8)	51.2 (20.4)	0.081
FVC (% of predicted)	69.6 (19.1)	64.4 (15.5)	64.3 (17.0)	79.3 (20.4)	49.9 (21.6)	0.006
FEV ₁ /FVC	73.0 (12.9)	77.7 (14.7)	67.9 (11.7)	74.5 (4.2)	79.6 (11.7)	0.081
PaO ₂ (mm Hg)	65.3 (16.6)	64.8 (10.7)	61.2 (23.4)	74.3 (7.7)	70.0 (14.1)	0.311
PaCO ₂ (mm Hg)	46.7 (12.9)	44.5 (8.2)	51.4 (18.2)	40.4 (7.4)	47.4 (8.4)	0.203
6-minute walking distance (m)	208 (112)	189 (95)	167 (118)	203 (129)	227 (96)	0.586
Health care utilization						
Emergency department visits (No.)	2.0 (2.4)	1.3 (1.6)	2.6 (2.3)	3.0 (4.5)	1.4 (1.7)	0.239
Admissions to the hospital (No.)	1.5 (4.6)	1.1 (3.4)	2.4 (6.7)	1.0 (2.6)	0.0 (0.0)	0.800
Outpatient department visits (No.)	4.3 (2.3)	3.5 (2.4)	4.6 (2.1)	5.6 (1.8)	5.0 (2.6)	0.142
Short-acting bronchodilator inhalers (No.)	7.1 (4.5)	7.3 (4.0)	8.6 (5.4)	9.3 (2.3)	5.4 (3.3)	0.065
Cumulative prednisone dose (mg)	201 (287)	163 (246)	249 (342)	213 (322)	170 (232)	0.824
Antibiotic courses (No.)	2.7 (2.8)	3.0 (3.3)	3.2 (2.8)	1.3 (1.8)	1.4 (1.3)	0.332

SD = standard deviation.

BMI = body mass index; FEV₁ = forced expiratory volume in 1 sec; FVC = forced vital capacity;

PaO₂ = partial pressure of oxygen in the arterial blood; PaCO₂ = partial pressure of carbon dioxide in the blood.