

Table 1.

Clinical characteristics of the participants ($n = 95$)

Variables	Median	Inter-Quartile Range	Range
Sex			
Female	90		
Male	5		
Age (years)	67	60-72	28-80
Mycobacterium species			
<i>M. avium</i> complex	65(68.4)		
<i>M. abscessus</i> complex	27(28.4)		
<i>M. lentiflavum</i>	2(2.1)		
unknown	1(1.1)		
BMI (kg/m ²)	18.0	16.5-20.1	12.8-23.6
%VC (%)	75.2	61.9-85.1	33.0-108.6
%FVC (%)	79.1	64.7-89.5	29.7-114.0
%FEV ₁ (%)	76.7	63.5-91.0	31.5-114.4
FEV ₁ /FVC (%)	80.0	73.4-85.7	49.1-100.0
mMRC	1	0-1	0-3
mMRC 0/1/2 ≤	45/38/12		
LCQ (score)	16.5	12.4-19.1	5.5-20.8
LCQ1/LCQ2/LCQ3/LCQ4	24/24/24/23		
ISWT (m)	430	340-530	160-710
%ISWT (%)	85.0	70.3-99.3	35.7-139.4
CES-D (score)	13	9-18	2-50
HADS-D (score)	5	3-8	0-16

BMI, body mass index; CES-D, Center for Epidemiological Studies Depression Scale; FEV₁/FVC, percent of forced expiratory volume in one second; %FVC, percent of forced vital capacity; FEV₁ predicted, forced expiratory volume in one second as a percentage of the predicted value; HADS-D, Hospital Anxiety and Depression Scale - Depression subscale; ISWT, Incremental Shuttle Walking Test; %ISWT, percent of Incremental Shuttle Walking Test; LCQ, Leicester Cough Questionnaire; mMRC, modified Medical Research Council dyspnea scale; %VC, percent of vital capacity.

Table 2.

Relationships between participant characteristics and depressive symptoms.

	CES-D score			HADS-D score		
	Depression (n=36)	No depression (n=59)	P-value	Depression (n=25)	No depression (n=70)	P-value
Age (years)	69.0	65.0	0.23	69.0	65.0	0.12
BMI (kg/m ²)	17.8	18.2	0.61	17.6	18.2	0.19
%VC (%)	68.0	80.3	0.01	66.1	77.0	0.11
%FVC (%)	72.1	83.6	0.02	72.0	81.5	0.08
%FEV ₁ (%)	70.9	79.8	0.01	73.5	78.9	0.17
FEV ₁ /FVC (%)	78.5	80.9	0.24	79.8	80.3	0.65
mMRC	1.0	0.0	0.001	1.0	0.0	0.01
LCQ (score)	12.5	18.2	<0.001	12.8	17.6	0.001
ISWT (m)	390	450	0.03	350	450	0.01
%ISWT (%)	80.0	87.4	0.05	75.6	90.8	0.01

BMI, body mass index; CES-D, Center for Epidemiological Studies Depression Scale; FEV₁/FVC, percent of forced expiratory volume in one second; %FVC, percent of forced vital capacity; FEV₁ predicted, forced expiratory volume in one second as a percentage of the predicted value; HADS-D, Hospital Anxiety and Depression Scale - Depression subscale; ISWT, Incremental Shuttle Walking Test; %ISWT, percent of Incremental Shuttle Walking Test; LCQ, Leicester Cough Questionnaire; mMRC, modified Medical Research Council dyspnea scale; %VC, percent of vital capacity.

Table 3.

Odds ratios for the likelihood of depressive symptoms assessed using the CES-D and HADS-D.

Factor	CES-D score			HADS-D score		
	Odd ratio	95%CI	P-value	Odd ratio	95%CI	P-value
Age (years)	0.99	0.94-1.05	0.84	0.99	0.93-1.06	0.86
BMI (kg/m ²)	0.95	0.77-1.17	0.62	0.85	0.68-1.07	0.16
%VC (%)	0.99	0.96-1.03	0.62	1.01	0.97-1.04	0.75
mMRC	1.88	0.83-4.24	0.13	1.82	0.78-4.25	0.17
LCQ (score)	0.80	0.71-0.91	0.001	0.85	0.75-0.97	0.01
%ISWT (%)	1.00	0.97-1.02	0.75	0.99	0.96-1.01	0.33

Data are adjusted odds ratios and 95% confidence intervals.

BMI, body mass index; CES-D, Center for Epidemiological Studies Depression Scale; HADS-D, Hospital Anxiety and Depression Scale - Depression subscale; %ISWT, percent of Incremental Shuttle Walking Test; LCQ, Leicester Cough Questionnaire; mMRC, modified Medical Research Council dyspnea scale; %VC, percent of vital capacity.