

Table 2. Lung function parameters Pre- and Post-intravenous (IV) antibiotic treatment among the whole group, group A (patients treated on a regular basis) and group B (patients treated due to an acute pulmonary exacerbation).

Lung Function Parameters	Pre IV	Post IV	p	Pre IV	Post IV	p	Pre IV	Post IV	p
	WHOLE GROUP			GROUP A			GROUP B		
LCI	11.57 (3.28)	9.80 (3.02)	0.000¶	10.67 (2.74)	10.02 (2.90)	0.018*	12.87 (3.66)	9.47 (3.28)	0.000¶
FVC (L)	2.14 (0.94)	2.28 (1.04)	NS	2.17 (0.96)	2.29 (1.10)	NS	2.10 (0.95)	2.27 (1.01)	NS
% predicted	86.41 (7.73)	91.11 (1.73)		90.71 (20.60)	92.30 (20.66)	NS	81.72 (13.35)	89.82 (23.79)	NS
z-score	-1.43 (1.62)	-0.99 (1.98)	NS	-1.04 (1.76)	-0.82 (1.76)	NS	-1.86 (1.41)	-1.17 (2.26)	NS
FEV ₁ (L)	1.73 (0.75)	1.82 (0.79)	NS	1.85 (0.80)	1.86 (0.81)	NS	1.60 (0.70)	1.78 (0.80)	NS
% predicted	83.43 (24.30)	87.94 (26.44)	NS	91.49 (26.59)	90.63 (22.75)	NS	74.64 (18.92)	85.00 (30.83)	0.051*
z-score	-1.82 (1.87)	-1.46 (2.06)	NS	-1.13 (1.96)	-1.17 (1.80)	NS	-2.57 (1.53)	-1.77 (2.37)	0.033*
FEF ₂₅₋₇₅ (L)	2.14 (1.17)	2.40 (1.22)	NS	2.43 (1.26)	2.46 (1.09)	NS	1.82 (1.04)	2.34 (1.40)	0.046*
% predicted	72.89 (36.65)	77.88 (42.81)	NS	85.70 (39.53)	87.02 (36.28)	NS	58.91 (28.70)	67.90 (48.73)	NS
z-score	1.23 (1.93)	1.67 (2.14)	0.048*	1.83 (2.11)	1.95 (2.04)	0.546	0.57 (1.54)	1.35 (2.30)	NS

Data are presented as mean and standard deviation in brackets, Statistical significance: *p<0.05, ¶p<0.01, LCI: Lung Clearance Index, FVC: Forced Vital Capacity, FEV₁: Forced Expiratory Volume in one second, FEF₂₅₋₇₅: Forced Expiratory Flow 25-75, NS: non-significant.