

Additional file 3. Baseline characteristics and laboratory findings by the treatment period of systemic steroids in HRV-positive hospitalized patients with followed-up PFT

Characteristics	Overall n=18	Steroid treatment period		p-value
		3–5 days n=8	6–8 days n=10	
Age, years ^a	10.4±2.6	10.4±3.0	10.5±2.4	0.92
Men, n (%)	11 (61.1%)	3 (37.5%)	8 (80.0%)	0.14
Treatment during a stable state, n (%)				
ICS	2 (11.1%)	1 (12.5%)	1 (10.0%)	1.00
ICS/LABA	10 (55.6%)	4 (50.0%)	6 (60.0%)	1.00
Symptom				
Wheezes, n (%)	14 (77.8%)	5 (62.5%)	9 (90.0%)	0.27
Duration of URTI symptoms before consultation, days ^b	4 (2–7)	4 (2–6)	4 (2–7)	0.96
Body temperature, °C ^a	37.3±0.9	37.1±1.1	37.4±0.7	0.54
Laboratory findings				
CRP, mg/dL ^a	0.42 (0.15–1.04)	0.28 (0.07–0.69)	0.74 (0.24–1.04)	0.53
WBC count, /μL ^a	8,549±2,667	8,492±2,892	8,594±2,632	0.94
Eosinophil count in bloods, /μL ^b	302 (68–507)	251 (54–455)	312 (93–684)	0.62
Eosinophil percentage in blood, % ^b	3.3 (1.2–6.4)	3.3 (0.9–4.7)	3.3 (1.4–8.9)	0.76
Total serum IgE, IU/mL ^b	828 (516–1,848)	842 (321–1,544)	816 (575–1,913)	0.68
Baseline lung function (pre- bronchodilator)				
FVC, L ^a	2.11±0.54	2.16±0.52	2.08±0.58	0.76
FEV1, L ^a	1.85±0.53	1.96±0.55	1.77±0.52	0.45
FEV1% predicted, % ^a	92.5±10.5	97.7±9.3	88.2±9.8	0.053
FEV1/FVC, % ^a	87.6±7.3	90.3±6.5	85.3±7.4	0.15
Hospitalization duration, days ^b	7 (6–8)	6 (6–8)	8 (7–9)	0.17
Rhinovirus type, n (%)				
A	11 (61.1%)	5 (62.5%)	6 (60.0%)	1.00
B	1 (5.6%)	0 (0.0%)	1 (10.0%)	1.00
C	6 (33.3%)	3 (37.5%)	3 (30.0%)	1.00

Data are the mean±standard deviation^a and the median (interquartile range)^b

Statistical analysis was used with t-test or Mann-Whitney U test for continuous variables, and chi-squared test or Fisher's exact test for dichotomous variable between systemic steroid treatment duration for 3–5 or 6–8 days.

Two were missing for total serum IgE.

Abbreviations; PFT, pulmonary function test; ICS, inhaled corticosteroids; LABA, long-acting beta2-agonist; URTI, upper respiratory tract infection; CRP, C-reactive protein; WBC, white blood cell; IgE, immunoglobulin E; FVC, forced vital capacity; FEV1, forced expiratory volume in one second.