

Supplementary Table 1. Clinical characteristics of the participants at the time of the visit

Variable	BPD group			P value
	Non/mild (N=68)	Moderate (N=39)	Severe (N=43)	
Age (yr)	7.5 (6.5–9.4)	7.1 (6.2–8.8)	8.1 (6.4–10.3)	0.969
Weight (z score)	0.10 (-0.73 to 0.79)	0.07 (-0.60 to 1.22)	-0.69 (-1.20 to 0.29)	0.006 ^{b,c)}
Height (z score)	0.22 (-0.71 to 0.69)	0.19 (-0.69 to 0.59)	-0.33 (-0.75 to 0.57)	0.163
Respiratory morbidities				
Significant LRI ^{a)}	40 (58.8)	27 (69.2)	35 (81.4)	0.045 ^{a)}
Admission	34 (50.0)	23 (59.0)	32 (74.4)	0.039
ER visit	19 (27.9)	7 (17.9)	26 (60.5)	0.345
ICU care	1 (1.5)	2 (5.1)	4 (9.3)	0.161
Wheezing	13 (19.1)	8 (20.5)	8 (18.6)	0.975
Diagnosis of asthma	8 (11.8)	9 (23.1)	18 (41.9)	<0.001 ^{b)}
Asymptomatic	55 (80.9)	26 (66.7)	27 (62.8)	0.513
Allergic disease				
Allergic rhinitis	26 (38.2)	11 (28.2)	5 (11.6)	0.010 ^{b)}
Atopic dermatitis	6 (8.8)	5 (12.8)	3 (7.0)	0.649
Drug allergy	0 (0)	1 (2.6)	0 (0)	0.239
Food allergy	3 (4.4)	0 (0)	2 (4.7)	0.402
Total IgE (kU /L)	65.8 (26.3–249.5)	90.8 (30.8–234.5)	56.5 (24.6–191.0)	0.606
Atopy	24 (39.3)	12 (41.4)	10 (31.3)	0.669
Eosinophil (cell/ μ L)	139.8 (91.0–270.5)	184.9 (112.1–255.5)	153.8 (108.3–244.0)	0.584
Family history of allergy				
Mother				
Asthma	1 (1.5)	1 (2.6)	2 (4.7)	0.598
Allergic rhinitis	14 (20.6)	11 (28.2)	8 (18.6)	0.537
Atopic dermatitis	3 (4.4)	1 (2.6)	0 (0)	0.372
Father				
Asthma	3 (4.4)	0 (0)	2 (4.7)	0.402
Allergic rhinitis	14 (20.6)	13 (33.3)	9 (20.9)	0.311
Atopic dermatitis	1 (1.5)	1 (2.6)	1 (2.3)	0.917
No. of household members	3.9 \pm 0.9	3.8 \pm 0.8	3.9 \pm 0.8	0.610
Monthly income (USD)	4,615 (3,077–6,154)	4,615 (3,077–4,692)	4,615 (2,769–6,154)	0.315
Having pets	9 (13.2)	8 (20.5)	8 (18.6)	0.575
Passive smoking	26 (38.2)	18 (46.2)	21 (48.8)	0.502
Smoker - mother	1 (1.5)	2 (5.1)	0 (0)	0.237
Smoker - father	25 (36.8)	17 (43.6)	20 (46.5)	0.565

Values are presented as the median (interquartile range) or number (%).

Data related to laboratory studies were collected from 147 of 150 patients; non/mild BPD group, n=68 of 68; moderate BPD group, n=39 of 39; severe BPD group, n=40 of 43.

BPD, bronchopulmonary dysplasia; LRI, lower respiratory tract infection; ER, emergency room; ICU, intensive care unit; IgE, immunoglobulin E; USD, United States dollar.

^{a)}Lower respiratory tract infection requiring medication for >1 week or hospital admission. ^{b)}Non/mild BPD vs. severe BPD. ^{c)}Moderate BPD vs. severe BPD.