

Table 3. Pathogens detected in 108 hospitalized children with lower respiratory infections.

Pathogens	LRI (n = 108)	All cases		Matched cases and controls		p ^a
		Bronchiolitis (n = 69)	Pneumonia (n = 39)	Cases (n = 22)	Controls (n = 22)	
Any pathogens^b	152 (100%)	98 (100%)	54 (100%)	24 (100%)	18 (100%)	
Bacteria	28 (18.4%)	12 (12.2%)	16 (29.6%)	7 (29.2%)	8 (44.4%)	0.35
<i>Mycoplasma pneumoniae</i>	12 (7.9%)	3 (3.1%)	9 (16.6%)	3 (12.5%)	0 (0%)	0.25
<i>Moraxella catarrhalis</i>	6 (3.9%)	4 (4.1%)	2 (3.7%)	1 (4.2%)	3 (16.6%)	0.30
<i>Haemophilus influenzae</i>	6 (3.9%)	3 (3.1%)	3 (5.5%)	2 (8.3%)	0 (0%)	0.5
<i>Chlamydomphila pneumoniae</i>	2 (1.3%)	0 (0%)	2 (3.7%)	0 (0%)	0 (0%)	NA
<i>Streptococcus pneumoniae</i>	2 (1.3%)	2 (2%)	0 (0%)	1 (4.2%)	3 (16.6%)	0.30
<i>Staphylococcus aureus</i>	0 (0%)	0 (0%)	0 (0%)	0 (0%)	2 (11.1%)	0.18
Viruses	124 (81.6%)	86 (87.7%)	38 (70.4%)	17 (70.8%)	10 (55.5%)	0.35
Respiratory syncytial virus	49 (32.2%)	39 (39.8%)	10 (18.5%)	8 (33.3%)	3 (16.6%)	0.30
Rhinovirus	37 (24.3%)	27 (27.5%)	10 (18.5%)	5 (20.8%)	5 (27.7%)	0.72
Human metapneumovirus	3 (2%)	2 (2%)	1 (1.8%)	0 (0%)	1 (5.5%)	0.43
Enterovirus	5 (3.3%)	4 (4.1%)	1 (1.8%)	1 (4.2%)	0 (0%)	1
Influenza B virus	3 (2%)	2 (2%)	1 (1.8%)	0 (0%)	0 (0%)	NA
Influenza C virus	1 (0.6%)	0 (0%)	1 (1.8%)	0 (0%)	0 (0%)	NA
Adenovirus	11 (7.2%)	3 (3.1%)	8 (14.8%)	3 (12.5%)	0 (0%)	0.25
Parainfluenza virus type 1	1 (0.6%)	1 (1%)	0 (0%)	0 (0%)	1 (5.5%)	0.43
Parainfluenza virus type 3	3 (2%)	1 (1%)	2 (3.7%)	0 (0%)	0 (0%)	NA
Parainfluenza virus type 4	3 (2%)	1 (1%)	2 (3.7%)	0 (0%)	0 (0%)	NA
Coronavirus OC43	2 (1.3%)	2 (2%)	0 (0%)	0 (0%)	0 (0%)	NA
Coronavirus NL63	2 (1.3%)	1 (1%)	1 (1.8%)	0 (0%)	0 (0%)	NA
Bocavirus	4 (2.6%)	3 (3.1%)	1 (1.8%)	0 (0%)	0 (0%)	NA
Patients with 1 pathogen detected	51/108 (47.2%)	41/69 (59.4%)	10/39 (25.6%)	11/22 (50%)	10/22 (45.4%)	1
Patients with 2 pathogens detected	34/108 (31.5%)	15/69 (21.7%)	19/39 (48.7%)	5/22 (22.7%)	1/22 (4.5%)	0.19
Patients with ≥3 pathogens detected	10/108 (9.2%)	8/69 (11.6%)	2/39 (5.1%)	1/22 (4.5%)	2/22 (9.1%)	1

NOTE. LRI, lower respiratory infection; NA, not applicable.

^a p value (Fisher's Exact Test) is given for comparison between matched cases and controls.

^b For cases: pathogens detected in nasopharyngeal specimens, induced sputum, blood, or urine; for controls: pathogens detected in nasopharyngeal specimens or blood.