

Table S1. Baseline characteristics total cohort

Clinical syndrome is based on the diagnosis of the attending physician at discharge from the hospital. LRTI included pneumonia and bronchiolitis; URTI included laryngitis, pharyngitis, otitis media, sinusitis and tonsillitis; CNS included cerebellitis, encephalitis, meningitis and epilepsy.

CRP: C-reactive protein, PICU: pediatric intensive care units, CNS: central nervous system, GE: gastro-enteritis, LRTI: lower respiratory tract infection, URTI: upper respiratory tract infection, UTI: urinary tract infection.

	Total n=784	RSV+ n=188	RSV- n=596	p-value
Age (months) (median, IQR)	15(6-30)	9(4-18)	17(8-35)	<0.001
Gender, male (n, %)	438(56)	112(60)	326(55)	0.27
Maximal temperature (°C)(mean, SD)	39.3(0.8)	39.2(0.8)	39.4(0.8)	0.003
Duration of symptoms (days) (mean, SD)	2.6(1.8)	3(1.7)	2(1.8)	<0.001
Ill-appearing (n, %)	297(38)	67(36)	230(39)	0.72
Hospital admission (n,%)	506(65)	121(64)	385(65)	1.00
Hospitalization duration (days) (median, IQR)	3(2-5)	5(3-8)	3(2-5)	<0.001
CRP (mg/L) at admission(median, IQR)	21(7-54)	18(7-43)	23(7-57)	0.20
Chest X-ray performed(n,%)	278(36)	104(55)	174(29)	0.002
Infiltrate on chest radiography(n,%)	100(36)	41(39)	59(34)	0.37
<i>Disease severity</i>				
Need of mechanical ventilation (n,%)	43(6)	23(12)	20(3)	<0.001
Deaths (n,%)	1(0)	1(0)	0(0)	NA
Use of antibiotics (n,%)	333(42)	92(49)	241(40)	0.052
<i>Recruiting site</i>				
				<0.001
Secondary care center(n,%)	615(78)	144(77)	471(79)	
Tertiary care center(n,%)	110(14)	16(8)	94(16)	
PICU(n,%)	59(8)	28(15)	31(5)	
<i>Clinical syndrome(n,%)</i>				
				<0.001
LRTI	224(28)	116(62)	108(18)	
URT	218(28)	46(24)	172(29)	
Unknown	194(25)	18(10)	176(30)	
Other	60(8)	3(1)	57(10)	
UTI	32(4)	2(1)	30(5)	
GE	23(3)	2(1)	21(4)	
Bacteremia	4(1)	1(1)	3(1)	
Viremia	9 (1)	0(0)	9(2)	
CNS	20(2)	0(0)	20(3)	