

WEB TABLE I COMPARISON OF SUBGROUPS IN PBHFNC AND PAHFNC ACCORDING TO PRIMARY AND SECONDARY OUTCOMES

Subgroups		MV (+) n (%)	Duration of MV (days), median (IQR)	LOS in PICU (d) median (IQR)	Re-intubation (+), n (%)	Death (+) n (%)
Mild-moderate respiratory distress group	PBHFNC, n= 53	5 (9.4%)	3 (1-6)	6 (3-9)	0	2 (3.8%)
	PAHFNC, n= 33	8 (24.2%)	3 (2-6)	6 (4-12)	1(%3)	3 (9.1%)
	<i>P value</i>	0.07	0.72	0.170	>0.99	0.37
Severe respiratory distress group	PBHFNC, n= 88	67 (76.1%)	5 (2-12)	8 (2-25)	15 (22.7%)	23 (26.1%)
	PAHFNC, n= 98	57 (58.1%)	5 (2-15)	9 (5-27)	16 (29.6%)	18 (18.4%)
	<i>P value</i>	0.01	0.42	0.93	0.39	0.20
Patients with bronchiolitis	PBHFNC, n=23	3 (13%)	2 (1-2)	3 (1-4)	0	0
	PAHFNC, n=18	0	-	3 (2-3)	-	0
	<i>P value</i>	0.243	-	0.714	-	-
Patients with pulmonary disease	PBHFNC, n=90	36 (40%)	4 (2-9)	3 (2-6)	6 (16.7%)	5 (5.6%)
	PAHFNC, n=80	31 (38.8)	5 (2-14)	4 (3-10)	7 (24.1%)	7 (8.8%)
	<i>P value</i>	0.87	0.31	0.07	0.45	0.42

MV: Mechanical ventilation, LOS in PICU: Length of stay in pediatric intensive care unit, IQR: Interquartile range; PBHFNC: Period before high-flow nasal cannula, PAHFNC: Period after high-flow nasal cannula.