

Table 1: Baseline characteristics

	BPD-PH Resolution (n=62)	BPD-PH at Discharge (n=77)	BPD-PH Associated Mortality (n=27)	P value	
				Discharge ¹	Mortality ²
Demographic Characteristics					
Gestational age ³	24.3 (3)	24.6 (2)	24.2 (2)	0.64	0.35
Birth weight ³	583 (132)	630 (138)	613 (171)	0.87	0.03
Male sex, n (%)	27 (43)	42 (55)	15 (56)	0.20	0.49
White race, n (%)	19 (31)	25 (33)	9 (33)	0.82	0.84
Histologic Chorioamnionitis, n (%)	29 (48)	36 (47)	12 (44)	0.98	0.73
Multiple gestation, n (%)	11 (18)	12 (16)	4 (15)	0.73	0.79
Clinical Characteristics					
Corticosteroids for BPD, n (%)	44 (71)	56 (73)	19 (70)	0.82	0.84
Nitric oxide exposure, n (%)	22 (36)	34 (44)	17 (63)	0.30	0.007
Patent ductus arteriosus, n (%)	30 (48)	42 (55)	20 (74)	0.47	0.01
Pharmacologic treatment for PDA, n (%)	30 (48)	29 (38)	16 (59)	0.20	0.05
Early onset sepsis, n (%)	0 (0)	2 (3)	1 (4)	0.20	0.27
Late onset sepsis, n (%)	17 (27)	19 (25)	8 (30)	0.71	0.62
Necrotizing enterocolitis, n (%)	12 (19)	12 (16)	5 (19)	0.56	0.85
PH Characteristics					
PMA at diagnosis ⁴	38.7 (5)	39.5 (4)	39.8 (6)	0.08	0.52
PH pharmacologic treatment, n (%)	22 (36)	38 (49)	22 (82)	0.10	<0.001

Multiple PH agents, n (%)	3 (5)	12 (16)	10 (67)	0.04	<0.001
Respiratory support at diagnosis, n (%)					
None	2 (3)	2 (3)	0 (0)	0.55	<0.001
Nasal cannula	23 (37)	29 (38)	2 (7)		
CPAP	8 (13)	9 (12)	1 (4)		
NIPPV	5 (8)	13 (17)	7 (26)		
CMV	18 (29)	21 (27)	16 (59)		
HFV	6 (10)	3 (4)	1 (4)		
Highest FiO2 at diagnosis ³	60 (60)	54 (52)	84 (51)	0.75	0.02
Echocardiographic Characteristics					
TR jet, n (%)	26 (42)	38 (49)	8 (30)	0.38	0.06
TR jet velocity ³	3.3 (0.8)	3.6 (0.8)	3.6 (1.6)	0.15	0.83
Interventricular septal flattening, n (%)	30 (48)	38 (49)	17 (63)	0.91	0.10
Eccentricity index ³	1.1 (0.3)	1.1 (0.3)	1.3 (0.9)	0.76	0.006
Right ventricular hypertrophy, n (%)	27 (44)	35 (46)	11 (41)	0.82	0.65
Bidirectional shunting, n (%)	10 (16)	17 (22)	9 (33)	0.38	0.04

¹Comparison between infants with and without evidence of pulmonary hypertension at discharge

²Comparison between infants by survival status

³median (Interquartile range)

⁴mean (standard deviation)