

Table 1 Comparison of baseline characteristics between the two groups

	BPD group (n=64)	non-BPD group (n=70)	$\chi^2/t/z$	<i>P</i>
Sex (male/female)	34/30	51/19	5.61	0.02
Gestational age (week) ^a	28 (25,30)	29 (28,30)	-4.28	0.00
Birth weight (g)	1136 ± 194	1311 ± 165	-5.65	0.00
Maternal infections (yes/no)	23/41	18/52	5.16	0.02
Pregnancy-induced hypertension (yes/no)	3/61	1/69	0.36	0.60
Gestational diabetes mellitus (yes/no)	5/59	9/61	0.91	0.34
Premature rupture of membranes (yes/no)	30/34	30/40	0.22	0.64
Chorioamnionitis (yes/no)	4/60	3/67	0.02	0.90
Antibiotics 48 hours before delivery (yes/no)	33/31	37/33	0.02	0.88
Antenatal corticosteroid use (yes/no)	46/18	53/17	4.95	0.18
5-Minute Apgar score ^a	7 (6, 8)	9 (7, 9)	-3.31	0.00
Mode of delivery (cesarean section/vaginal delivery)	10/54	14/56	0.44	0.51

PS treatment (yes/no)	62/2	68/2	0.00	1.00
CPAP (yes/no) ^b	64/0	69/1		1.00
CPAP duration (days) ^a	13 (6, 26)	6 (3, 9)	-5.60	0.00
Invasive ventilation (yes/no)	11/53	4/66	4.43	0.04
Duration of invasive ventilation (h) ^a	136 (50, 190)	122 (50, 198)	-0.13	0.90
Reuse of ventilator (yes/no) ^c	28/36	16/54	4.91	0.03
Duration of oxygen supplementation (days) ^a	35 (27, 54)	17 (7, 27)	-7.31	0.00
Maximum oxygen concentration (duration > 2 hours, %) ^a	28 (25, 35)	25 (23, 30)	-3.91	0.00
Intrauterine growth restriction (yes/no)	13/51	5/65	4.99	0.03
Maternal thrombocytopenia (yes/no)	1/63	2/68	0.00	1.00

^a Presented as the median and interquartile range (IQR). ^b The expected value of two cells was less than 5, and Fisher's exact test was used. ^c Includes invasive and noninvasive ventilation. BPD, bronchopulmonary dysplasia; CPAP continuous positive airway pressure.

Table 2 The risks of thrombocytopenia in BPD infants relative to non-BPD infants

Group	Thrombocytopenia (n, %)	<i>OR</i>	<i>95% CI</i>	<i>aOR</i>	<i>95% CI</i>
BPD infants	33 (51.56)	4.42	(2.08, 9.4)	2.88	(1.01, 8.15)
Non-BPD infants	15 (21.43)	1		1	

BPD, bronchopulmonary dysplasia; aOR, adjusted odds ratio, CI, confidence interval

Table 3 Comparison of the PLT counts and PCT levels of the two groups

Parameter	Age	BPD	Non-BPD	Each time point (<i>t</i> , <i>P</i>)	model (<i>F</i> , <i>P</i>)	
		infants (n=64)	infants (n=70)		ANOVA	GEE
PLT count	Day 1	247±80	239±76	0.55, 0.58		
	Day 7	239±99	276±109	-2.02, 0.04		
	Day 14	233±116	287±101	-2.84, 0.00	2.87, 0.03	25.39, 0.00
	Day 21	220±105	274±133	-2.56, 0.01		
	Day 28	226±123	274±118	-2.27, 0.02		
Plateletcrit	Day 1	0.27±0.08	0.29±0.07	-1.26, 0.21		
	Day 7	0.27±0.10	0.32±0.11	-2.42, 0.02		
	Day 14	0.28±0.11	0.36±0.12	-4.23, 0.00	3.45, 0.01	41.16, 0.00
	Day 21	0.27±0.12	0.33±0.13	-2.89, 0.01		
	Day 28	0.26±0.09	0.33±0.11	-3.97, 0.00		

BPD, bronchopulmonary dysplasia; GEE, generalized estimating equation; ANOVA, two-way repeated measures analysis of variance

Table 4 Comparison of the MPV and PDW between the two groups

Parameter	Age	BPD group (n = 64)	Non-BPD group (n = 70)	Each time point (<i>t</i> , <i>P</i>)	model (<i>F</i> , <i>P</i>)	
					ANOVA	GEE
Mean platelet volume	Day 1	10.67±0.92	10.55±0.904	0.75, 0.46		
	Day 7	10.80±0.87	10.49±0.82	2.12, 0.04	6.22, 0.00	37.65,
	Day 14	11.07±1.13	10.11±0.74	5.89, 0.00		0.00
	Day 21	11.14±0.94	10.77±0.93	2.23, 0.03		
	Day 28	11.17±0.89	10.74±1.02	2.52, 0.01		
Platelet distribution width	Day 1	15.19±3.00	15.13±2.66	0.13, 0.89		
	Day 7	14.90±2.61	13.99±2.52	2.03, 0.04	2.48, 0.04	28.43, 0.00
	Day 14	15.09±2.52	13.53±2.67	3.47, 0.00		
	Day 21	15.31±2.69	14.15±2.80	2.44, 0.02		
	Day 28	15.65±2.05	14.06±2.73	3.79, 0.00		

BPD, bronchopulmonary dysplasia; GEE, generalized estimating equation; ANOVA, two-way repeated measures analysis of variance