

Table 1. Demographic and clinical characteristics of the study population

	Overall population	Succeeded Extubation	Failed Extubation	P value
Cesarean section <sup>a</sup>	44 (66.7)	9 (20.5)	35 (79.5)	0.737
Prenatal steroids <sup>a</sup>	61 (92.4)	10 (16.4)	51 (83.6)	0.221
Gestational age, week	30	31 (29-33)	30 (28-32)	0.102
Birth weight, kg	1.35	1.36 (1.19-1.98)	1.35 (1.09-1.61)	0.33
Male <sup>a</sup>	35 (53)	8 (23)	27 (77)	0.352
Crib II score	4	3 (3-4)	4 (2-6)	0.615
Postnatal age, day	7	4 (4-6)	8 (5-10)	0.001
Bronchopulmonary dysplasia <sup>a</sup>	12 (18.2)	6 (50)	6 (50)	0.005
LUS	12	10.5 (5-17)	12 (4-18)	0.022
LVEI	1.32	1.3 (1.2-1.58)	1.37 (1.2-1.5)	0.867
PAP	35	30 (24- 45)	36.5 (30-45)	0.267

<sup>a</sup> Data are expressed in number (%), otherwise data are expressed in median (IQ range). There was no difference between the two groups in any of the variables ( $p>0.05$ ). LUS: lung ultrasound score, LVEI: left ventricular eccentricity index, PAP: pulmonary artery pressure