

Supplementary table 1. Demographic data.

	Total (n =154)	(%)
Gender		
Male	79	51.3%
Female	75	48.7%
Gestational age		
Extremely preterm (< 28 weeks)	8	5.3%
Very preterm (28 - 31 weeks)	7	4.7%
Moderate to late preterm (32 - 37 weeks)	70	46.7%
Term (>37 weeks)	65	43.3%
Birth weight		
Extremely Low Birth Weight (<1000 g)	13	8.5%
Very Low Birth Weight (1000 - 1500 g)	4	2.6%
Low Birth Weight (1501 – 2500 g)	51	33.3%
Normal Birth Weight (> 2500 g)	85	55.6%
Mode of delivery		
Vaginal delivery	41	27.2%
Cesarean section	109	72.2%
Birth before arrival	1	0.7%
Inborn	106	68.8%
Out born	48	31.0%

Supplementary table 2. Maternal factors.

Factors	Total (n = 154)	Without complication group (n = 85)	With complication group (n = 69)	<i>P</i> value	Alive (n = 142)	Death (n = 12)	<i>P</i> - value
Maternal age (years)	30 (24.0 – 33.0)	30 (24.0 - 34.5)	31 (25.5 – 34.0)	0.56	30 (24.0 – 34.0)	32.5 (29.0 -36.0)	0.12
Mode of delivery							
Vaginal delivery	41 (27.2%)	22 (26.8%)	19 (27.5%)	0.77	40 (28.8%)	1 (8.3%)	0.25
Cesarean section	109 (72.2%)	60 (73.2%)	49 (71.0%)		98 (70.5%)	11 (91.7%)	
Birth before arrival (BBA)	1 (0.7%)	0 (0.0%)	1 (1.5%)		1 (0.7%)	0 (0)	
Maternal steroid use	29 (23.0%)	13 (18.6%)	16 (28.6%)		25 (21.9%)	4 (33.3%)	0.47
Pregnancy-related complications	61 (49.2%)	30 (44.8%)	31 (54.4%)		56 (50.0%)	5 (41.7%)	0.58
Prenatal diagnosis	73 (49.0%)	39 (47.6%)	34 (50.8%)		68 (49.6%)	5 (41.7%)	0.60

Supplementary table 3. Patient factors.

Factors	Total (N = 154)	Without- complicatio n group (N = 87)	With- complicati on group (N = 67)	<i>P</i>- value	Alive group (N = 142)	Death group (N = 12)	<i>P</i>-value
Gender							
Male	79 (51.3%)	40 (47.1%)	39 (56.5%)	0.24	74 (52.1%)	5 (41.7%)	0.48
Gestational age, weeks	37 (35-38)	37 (35-38)	36 (34-38)	0.39	37 (35-38)	34 (27-38)	0.16
Gestational age							
Extremely preterm (< 28 weeks)	8 (5.3%)	3 (3.7%)	5 (7.3%)	0.61	5 (3.6%)	3 (25%)	0.02
Very preterm (28-31 weeks)	7 (4.7%)	3 (3.7%)	4 (5.8%)		6 (4.4%)	1 (8.3%)	
Moderate to late preterm (32-37 weeks)	70 (46.7%)	37 (45.7%)	33 (47.8%)		67 (48.6%)	3 (25%)	
Term (> 37 weeks)	65 (43.3%)	38 (46.9%)	27 (39.1%)		60 (43.5%)	5 (41.7%)	
Birth weight, grams	2635 (2096- 3112)	2694 (2194- 3102.5)	2490 (1916- 3140)	0.27	2640 (2120- 3136)	2153 (866-2942)	0.11
Birth weight							
Extremely Low Birth Weight (<1000 g)	13 (8.5%)	3 (3.6%)	10 (14.5%)	0.07	9 (6.4%)	4 (33.3%)	0.01
Very low birth weight (1000 - 1500 g)	4 (2.6%)	3 (3.6%)	1 (1.5%)		3 (2.1%)	1 (8.3%)	
Low birth weight (1501 – 2500 g)	51 (33.3%)	27 (32.1%)	24 (34.8%)		49 (34.8%)	2 (16.7%)	
Normal birth weight (> 2500 g)	85 (55.6%)	51 (60.7%)	34 (49.3%)		80 (56.7%)	5 (41.7%)	

APGAR 1, score	8 (6-9)	8 (7-9)	8 (5-8)	0.03	8 (7-9)	6 (4-7)	0.001
APGAR 5, score	9 (8-10)	9 (9-10)	9 (8-10)	0.03	9 (8-10)	8.5 (6.5-9)	0.01
Respiratory distress syndrome	28 (22.8%)	11 (16.7%)	17 (29.8%)	0.08	24 (21.6%)	4 (33.3%)	0.47
Cardiovascular (CVS) diseases							
No CVS diseases	87 (56.9%)	53 (62.4%)	34 (50%)	0.24	84 (59.6%)	3 (25%)	0.009
Non-major CVS diseases	52 (34.0%)	24 (28.2%)	28 (41.2%)		47 (33.3%)	5 (41.7%)	
Major CVS diseases	14 (9.1%)	8 (9.4%)	6 (8.8%)		10 (7.1%)	4 (33.3%)	
Associated anomalies or syndrome	34 (22.1%)	18 (21.2%)	16 (23.2%)	0.77	32 (22.5%)	2 (16.7%)	0.64
Hemoglobin, g/dL	15.3 (13.8-17.3)	16.1 (14-18.2)	14.8 (13.3-16.8)	0.03	15.6 (13.9-17.4)	14.1 (12.2-15.4)	0.04
Hematocrit, %	46.9 (41.7-53)	48 (42.5-55)	45.4 (40.8-49.5)	0.03	47.2 (41.8-53.7)	44.6 (37.7 – 48.2)	0.16
Platelet count, x10 ³ /μL	287.5 (201-371)	290 (226-378)	280 (184-354)	0.18	203 (226-378)	175 (109-206)	< 0.001
Inborn	106 (68.8%)	57 (53.8%)	49 (46.2%)	0.31	95 (89.6%)	11 (10.4%)	0.11

Data presents in median (IQR) and numbers (%).