

Table 4: Comparison of the demographic characteristics and morbidities of neonates with and without retinopathy of prematurity with gestational age 30-31 6/7 weeks. Of the 579 neonates, 16 died (mortality: 2.7 %) and 426 survived. Severe retinopathy was not detected in any neonate.

	No ROP	ROP	p
Number: 563	557 (98.9 %)	6 (1.1 %)	
Gender (M/F)	288/269	3/3	0.930
Chorioamnionitis	40 (7.1 %)	0	0.496
GA (weeks)	31 ± 0.5	30.7 ± 0.5	0.232
Birth Weight (g)	1,530 ± 223	1,075 ± 216	0.002
Cord pH	7.31 ± 0.09	7.16 ± 0.22	0.052
Apgar 5	8.2 ± 1.4	7.0 ± 2	0.052
CS	336 (93 %)	4 (66.7 %)	0.760
SGA	62 (11.1 %)	4 (66.7 %)	<0.001
Severe IVH	1 (0.2 %)	0	0.917
RDS	169 (30 %)	3 (50%)	0.298
PVL	1 (0.2 %)	0	0.917
PDA	80 (14.4 %)	1 (16.7 %)	0.873
Ligation PDA	2 (0.4 %)	0	0.833
NEC	12 (2.2 %)	2 (33.3 %)	<0.001
Sepsis	35 (6.3 %)	2 (33.3 %)	0.008
Days MV	1 ± 3.5 [0 (0-6)]	5.1 ± 12.6 [0 (0-31)]	0.999
Days O ₂	5.9 ± 11.8 [1 (0-29.6)]	21.5 ± 24.1 [15 (0-62)]	0.039
Days TPN	11 ± 11 [9 (0-34)]	45.3 ± 28.2 [40 (18-92)]	<0.001
O ₂ 36 wks	21 (3.8 %)	1 (16.7 %)	0.105

Values are presented as number of neonates (with percentage in brackets), or means ± standard deviation (median with range in brackets). ROP: retinopathy of prematurity, GA: gestational age, M: male, F: Female, CS: cesarean section, SGA: small for gestational age, IVH: intraventricular hemorrhage, RDS: respiratory distress syndrome, PVL: periventricular leukomalacia, PDA: patent ductus arteriosus, NEC: necrotizing enterocolitis, MV: mechanical ventilation, TPN: total parenteral nutrition.