

Table 2: Comparison of the demographic characteristics and morbidities of neonates with and without retinopathy of prematurity with gestational age 26-27 6/7 weeks. Of the 290 neonates, 39 died (mortality: 13.4 %) and 251 survived. Severe retinopathy was detected in 12 neonates (4.8 %), of whom 1 (0.4 %) required treatment.

	No ROP	ROP	p
Number: 251	174 (69.3 %)	77 (30.7 %)	
Gender (M/F)	96/78	44/33	0.772
Chorioamnionitis	20 (11.5 %)	7 (9.1 %)	0.571
GA (weeks)	27.1 ± 0.5	26.7 ± 0.4	<0.001
Birth Weight (g)	985 ± 152	864 ± 126	0.000
Cord pH	7.33 ± 0.10	7.33 ± 0.10	0.405
Apgar 5	7.3 ± 1.7	6.8 ± 1.5	0.011
CS	95 (54.5 %)	54 (70.1 %)	0.021
SGA	9 (5.2 %)	11 (14.3 %)	0.014
Severe IVH	4 (2.3 %)	2 (2.6 %)	0.886
RDS	104 (60 %)	52 (67.5 %)	0.242
PVL	5 (3 %)	8 (10 %)	0.013
PDA	93 (53.4 %)	65 (84.4 %)	<0.001
Ligation PDA	6 (3.4 %)	15 (19.5 %)	<0.001
NEC	15 (8.6 %)	7 (9.1 %)	0.903
Sepsis	52 (30 %)	30 (39 %)	0.157
Days MV	13.6 ± 16.5 [7 (0-54)]	33 ± 30 [30 (0-72)]	<0.001
Days O ₂	44 ± 26.2 [43 (0-92)]	67.6 ± 41.3 [65 (12.6-122)]	<0.001
Days TPN	33 ± 16 [31 (10-67)]	48 ± 20.3 [46 (18-82)]	<0.001
O ₂ 36 wks	45 (26 %)	38 (49.4 %)	<0.001

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.