

Table 2 Multivariate analysis of potential risk factors determining nosocomial infections in Abha neonatal intensive care unit (n = 401 infants)

Variable	Nosocomial infections		Adjusted OR	95% CI
	No.	%		
Sex				
Male	44	18.9	0.80	0.45-1.42
Female	33	19.9		
Mode of delivery				
Caesarean	39	19.5	1.02	0.58-1.80
Vaginal	38	19.0		
Presence of congenital anomalies				
Yes	9	18.0	1.06	0.45-2.46
No	68	16.8		
Low birth weight (< 1500 g)				
Yes	25	27.8	0.68	0.43-1.17
No	52	16.7		
Gestational age				
Preterm	62	27.4	0.58	0.32-1.03
Term	15	8.6		
Mechanical ventilation				
Yes	39	35.8	2.69*	1.39-5.19
No	38	13.0		
Intravenous line				
Yes	70	18.1	0.07	0.18-2.52
No	7	50.0		
Total parenteral nutrition				
Yes	31	57.4	5.62*	2.78-11.35
No	46	13.3		
Endotracheal intubation				
Yes	2	33.3	0.96	0.14-6.84
No	75	19.0		

*P < 0.05

OR = odds ratio; CI = confidence interval.