

Table 2 Maternal, neonatal and hospital variables affecting timely initiation of breastfeeding among the study infants

Variable	Total No.	Timely initiation		Significance		OR (95% CI)
		No.	%	χ^2 -value	P-value	
Total	906	103	11.4			
Mother's age (years)						
< 20	37	4	10.8			1*
20-35	737	84	11.4	0.01	0.9	1.1 (0.4-3.6)
> 35	132	15	11.4	0.01	0.9	1.1 (0.3-4.1)
Residence						
Urban	499	25	5.5	44.6	< 0.001	1*
Rural/hegar	407	78	19.2			4.5 (2.7-7.4)
Education						
Less than secondary	458	52	11.4			1*
Secondary	293	36	12.3	0.2	0.7	1.1 (0.7-1.8)
Above secondary	155	15	9.7	0.3	0.6	0.8 (0.4-1.6)
Occupation						
Working/student*	100	8	8.0	1.3	0.3	1*
Housewife	806	95	11.8			1.5 (0.7-3.5)
Family income						
Satisfactory	717	83	11.6	0.15	0.7	1*
Unsatisfactory	189	20	10.6			0.9 (0.5-1.6)
Parity						
1	206	11	5.3			1*
2 or 3	319	57	17.9	17.4	< 0.001	3.9 (1.9-8.0)
4+	381	35	9.2	2.7	0.1	1.8 (0.9-3.4)
Breast problems^b						
Yes	137	5	3.6	9.5	0.002	1*
No	769	98	12.7			6.0 (1.4-35.7)
Infant's sex						
Male	455	61	13.4	3.8	0.052	1*
Female	451	42	9.3			0.7 (0.40-1.03)
Gestational age						
Preterm	118	4	3.4	8.6	0.003	1*
Full-term	788	99	12.6			4.1 (1.4-13.3)
Birth weight						
Low birth weight	66	2	0.3	4.9	0.03	1*
Average weight	840	101	12.0			4.4 (1.0-26.2)
Place of delivery						
Private clinic	183	7	3.8	13.0	< 0.001	1*
Government hospital/PHCC	723	96	13.3			3.9 (1.7-9.2)
Type of delivery						
Operative delivery ^c	161	6	3.7	11.3	< 0.001	1*
Spontaneous vaginal delivery	745	97	13.0			3.9 (1.6-10.0)
Admission to neonatal care unit						
Yes	87	2	2.3	11.3	< 0.001	1*
No	819	101	12.3			3.9 (1.6-10.0)
Prelacteal feeding^d						
Yes	288	4	1.4	41.7	< 0.001	1*
No	618	99	16.0			3.9 (1.5-11.0)
Rooming in						
No	254	4	1.6	33.6	< 0.001	1*
Yes	652	99	15.2			11.2 (3.9-36.1)

*Teacher (n = 76), nurse (n = 7) or student (n = 17); ^bEngorgement, nipple sore and fissures; ^cCaesarean section (n = 142) or ventouse (n = 19); ^dWater, glucose water, tea or herbal preparation; *Reference group.

PHCC = primary health care centre; OR = odds ratio; CI = confidence interval.