

TABLE 2. DELIVERY AND NEONATAL OUTCOMES

Characteristics	Cerclage' Indication			p-value
	Ultrasound- indicated	History-indicated	Physical examination- indicated	
Gestational age at delivery (weeks)	38⁺⁶ (36⁺⁰ – 40⁺⁴)	38⁺³ (37⁺¹ - 40⁺¹)	30⁺¹ (26⁺³ – 37⁺²)	0.000
Early or full-term (n)	26 (70.3)	17 (70.8)	6 (24)	0.000
Labor				
<i>Spontaneous</i>	27 (75)	11 (52.4)	17 (70.8)	0.197
<i>Induction</i>	7 (19.4)	6 (28.6)	4 (16.7)	0.591
<i>Elective C-section</i>	2 (5.6)	4 (19)	3 (12.5)	0.285
Birth				
<i>Eutocic delivery</i>	27 (75)	12 (57.1)	18 (75)	0.304
<i>Assisted delivery^e</i>	4 (11.1)	0	1 (4.2)	0.216
<i>Elective C-section</i>	2 (5.6)	4 (19)	3 (12.5)	0.285
<i>Urgent C-section^f</i>	2 (5.6)	0	0	0.278
<i>Emergency C-section^g</i>	1 (2.8)	4 (19)	2 (8.3)	0.108
<i>Abortion</i>	0	1 (4.8)	0	0.235
Latency between removal and birth (days)	15.5 (1 – 26.5)	6.5 (1.5 – 22.2)	1 (0 – 11)	0.022
Newborn weight (g)*	3180 (2510 – 3455)	3025 (2573 – 3447)	1525 (850 – 2840)	0.754
APGAR at 5 minutes < 7	1 (2.9)	2 (10.5)	3 (12.5)	0.342
APGAR at 5 minutes < 3*	0	0	3 (12.5)	0.058
Arterial blood pH < 7.2	5 (17.9)	3 (12.5)	1 (6.7)	0.421
Stillbirth	1 (2.8)	0	0	0.539
Neonatal death	2 (5.7)	2 (10)	5 (21.7)	0.169
Intraventricular hemorrhage grade III/IV	0	0	0	
Respiratory distress syndrome	2 (5.9)	0	4 (18.2)	0.090
Bronchopulmonary dysplasia	3 (8.8)	0	1 (4.5)	0.399
Necrotizing enterocolitis	0	0	1 (4.5)	0.302
Early-onset neonatal sepsis^h	0	0	1 (4.8)	0.285
Neonatal morbidity compositeⁱ	5 (13.9)	1 (4.8)	8 (33.3)	0.031

^e Assisted delivery: when forceps or a ventouse suction cup are used

^f Urgent C-section: category 2 and 3 (that there are problems affecting the mother and/or baby, but there is no immediate risk to them).

^g Emergency C-section: category 1 (there is an immediate threat to the life of the mother or the baby).

^h Early-onset neonatal sepsis: neonatal infections occurring within the first 72 hours of life.

ⁱ Neonatal morbidity composite was defined as the presence of one or more of the following: stillbirth, neonatal death, respiratory distress syndrome, transient neonatal tachypnea, bronchopulmonary dysplasia, necrotizing enterocolitis, early onset sepsis, intraventricular haemorrhage.

*Adjusted by gestational age at delivery.