

**TABLE 1. MATERNAL CHARACTERISTICS AND OUTCOMES**

	Cerclage' Indication			p-value
	Ultrasound- indicated (n = 37)	History-indicated (n = 24)	Physical examination- indicated (n = 25)	
Maternal age (years)	33	33.5	34	0.106
Smoking habit	6 (3.9)	1 (4.2)	2 (2.6)	0.289
History of abortion (< 20w)	6 (16.2)	17 (70.8)	3 (7.6)	0.000
History of preterm birth (> 20w)	13 (35.1)	12 (50)	3 (8.1)	0.016
History of cervical conization	3 (8.1)	2 (8.3)	0	0.337
Presence of uterine malformation	0	3 (12.5)	0	0.018
Cervical length at placement (mm)	8.5 (4-11)	28 (24.5-40.5)	4 (0-19)	0.000
Gestational age at placement (weeks)	<b>23<sup>+0</sup> (21<sup>+5</sup> - 25<sup>+0</sup>)</b>	<b>14<sup>+6</sup> (13<sup>+5</sup> - 16<sup>+0</sup>)</b>	<b>22<sup>+1</sup> (19<sup>+3</sup> - 24<sup>+2</sup>)</b>	<b>0.000</b>
Technical complication <sup>a</sup>	1 (2.8)	0	2 (8.3)	0.282
Maternal Infection <sup>b</sup>	16 (45.7)	8 (40)	15 (62.5)	0.280
Vaginitis <sup>c</sup>	3 (8.6)	2 (10)	4 (16.7)	0.614
Vaginal bleeding	1 (2.8)	1 (5)	1 (4.2)	0.908
Maternal morbidity composite <sup>d</sup>	<b>16 (44)</b>	<b>6 (30)</b>	<b>15 (62.5)</b>	<b>0.094</b>
Gestational age at removal (weeks)	<b>36<sup>+5</sup> (34<sup>+5</sup> - 37<sup>+1</sup>)</b>	<b>36<sup>+6</sup> (36<sup>+3</sup> - 37<sup>+4</sup>)</b>	<b>28<sup>+6</sup> (25<sup>+2</sup> - 36<sup>+6</sup>)</b>	<b>0.001</b>
Cerclage duration (days)	<b>86 (78 - 105)</b>	<b>143 (30 - 158.5)</b>	<b>57 (16.5 - 99)</b>	<b>0.000</b>

*Continuous variables were compared using a nonparametric Kruskal-Wallis test presented as medians (25<sup>th</sup>; 75<sup>th</sup> percentile). Categorical variables were compared using Chi-square or Fisher exact tests and presented as number (%).*

<sup>a</sup> *Technical complication: preterm premature rupture of membranes (P-PPROM) or vaginal bleeding.*

<sup>b</sup> *Maternal infection: patient that required any systemic antibiotic during the pregnancy.*

<sup>c</sup> *Vaginitis: the presence of positive vaginal culture during the pregnancy.*

<sup>d</sup> *Maternal morbidity composite was defined as the presence of one or more of the following: maternal infection, vaginitis or vaginal bleeding.*