

**Table 1)** Comparison between the Variables in the Studied Groups

Variables	25 µg Vaginal Misoprostol	100 µg Oral Misoprostol	50 µg Oral Misoprostol	P Value
<b>Demographic Characteristics</b>				
Age	27.60± 5.10	27.70±4.70	28.40±5.90	0.68
BMI	29.10±3.80	31.50±3.90	30.30±4.50	0.006
Number of Pregnancy	1.70±0.80	1.60±0.90	1.90±1.00	0.22
Number of Labor	1.40±0.60	1.50±0.60	1.70±0.80	0.29
Number of Abortion	1.00±0.01	1.10±0.38	1.20±0.55	0.77
Number of Infants	1.30±0.48	1.40±0.49	1.70±0.80	0.1
<b>Criteria Related to Pregnancy Outcomes</b>				
First Minute Apgar	9.6±0.50	9.70±0.50	9.20±0.60	0.0001
Five Minute Apgar	10.00±0.01	9.90±0.20	9.90±0.30	0.06
Birth Weight (g)	3365.00±254.00	3388.00±212.00	3410.00±304.00	0.64
Umbilical Cord PH	7.27±0.07	7.28±0.09	7.21± 0.18	0.13
Dose of Consumed Drugs	1.90±0.77	1.20±0.53	1.70±0.74	0.0001

**Table 2)** Comparison between Variable Frequencies in the Studied Groups (numbers in the parentheses showing percentage)

Variables	25 µg Vaginal Misoprostol	100 µg Oral Misoprostol	50 µg Oral Misoprostol	P Value
<b>Induction</b>				
Yes	31 (51.7)	22 (36.7)	33 (55.0)	0.1
No	29 (48.3)	38 (63.3)	27 (45.0)	
<b>Number of Induction</b>				
Once	25 (80.6)	19 (86.4)	30 (90.9)	0.66
Twice	4 (12.9)	3 (13.6)	2 (6.1)	
Three Times	2 (6.5)	0	1 (3.0)	
<b>Mode of Labor</b>				
Natural	43 (71.7)	50 (83.3)	47 (78.3)	0.24
Cesarean	15 (25.0)	6 (10.0)	9 (15.0)	
Using an Instrument	2 (3.3)	4 (6.7)	4 (6.7)	
<b>Complications of Labor Induction</b>				
Fetal Distress	5 (55.6)	5 (71.4)	4 (26.7)	0.32
Disposal of Meconium	3 (33.3)	2 (28.6)	7 (46.7)	
Both	1 (11.1)	0	4 (26.7)	
<b>Reason for Caesarean</b>				
Disposal of Meconium	5 (33.3)	2 (33.3)	4 (50.0)	0.8
Fetal Distress	5 (33.3)	3 (50.0)	3 (37.5)	
Lack of Response to Induction	5 (33.3)	1 (16.7)	1 (12.5)	
<b>Gender</b>				
Male	33 (55.0)	32 (53.3)	31 (51.7)	0.98
Female	27 (45.0)	28 (46.7)	29 (48.3)	
<b>Fetal Distress</b>				
Yes	1 (1.7)	4 (6.7)	8 (13.3)	0.05
No	59 (98.3)	56 (93.3)	52 (86.7)	
<b>Infant Hospitalization</b>				
Yes	1 (1.7)	3 (5.2)	9 (15.0)	0.02
No	59 (98.3)	57 (94.8)	51 (85.0)	

**Table 3)** Comparison between Intervals in the Studied Groups

Variables	Statistical Mean (Hour)	P Value
<b>Interval between Taking Pills and the Onset of Uterine Contractions (labor induction)</b>		
Vaginal Misoprostol	8.1±4.3	0.19
100 Oral Misoprostol	7.5±4.4	
50 Oral Misoprostol	6.6±3.6	
<b>Interval between the Onset of Uterine Contractions and Labor Time</b>		
Vaginal Misoprostol	4.5±2.8	0.93
100 Oral Misoprostol	4.6±2.7	
50 Oral Misoprostol	4.4±3.2	
<b>Interval between Taking Pills and Labor</b>		
Vaginal Misoprostol	12.6±5.7	0.28
100 Oral Misoprostol	11.6±4.9	
50 Oral Misoprostol	11.0±5.0	