Appendix 1. Characteristics of Study Participants Stratified by Gestational Age							
		<7 weeks of Gestation			**7-10 weeks of Gestation**		
		Oxycodone *n*=48	**Placebo *n*=48**	***P***	**Oxycodone *n*=38**	**Placebo *n*=38**	***P***
Age in years	Mean ± SD	27 ± 6	27 ± 7		28 ± 6	27 ± 7	
	Range	18-39	18-39	.74	18-44	18-40	.58
Race/Ethnicity	White/Non-Hispanic	56% (27)	56% (27)		66% (25)	37% (14)	
	Other	44% (21)	44% (21)	1.00	34% (13)	63% (24)	.01
Parity	Nulliparous	40 % (19)	40% (19)		37% (14)	42% (16)	
	Multiparous	60 %(29)	60 %(29)	1.00	63% (24)	58% (22)	.63
Prior vaginal deliveries		40% (19)	48% (23)	.41	45% (17)	47% (18)	.82
Prior cesarean deliveries		6% (3)	8% (4)	.69	8% (3)	5% (2)	.64
Prior medical abortions		23% (11)	23% (11)	1.00	29% (11)	16% (6)	.16
Prior surgical abortions		13% (6)	11% (5)	.75	29% (11)	26% (10)	.79
BMI (kg/m^2)		27 ± 6	30 ± 9	.11	28 ±7	26 ± 6	.18
Education	High School or less	23% (11)	33% (16)		24% (9)	37% (14)	
	College (any)	77% (37)	67% (32)	.26	76% (29)	63% (24)	.21
Gestation age in days (Mean ± SD)		41 ± 4	41 ± 5	.37	55 ± 6	57 ± 5	.20

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Appendix 2. Characteristics of Participants in the Per Protocol Group				
		Oxycodone (*n*=57)	**Placebo (*n*=64)**	***P***
Age (years)	Mean ± SD	26.70 ± 5.92	26.73 ± 6.52	
	Range	18-40	19-40	.97
Race/Ethnicity	Other	22 (38.6%)	32 (50%)	
	White/Non-Hispanic	35 (61.4%)	32 (50%)	.21
Education	High School or less	17 (29.82%)	20 (31.25%)	
	College (any)	40 70.18%)	44 (68.75%)	.86
BMI	Mean ± SD	28.60 ± 6.45	27.02 ± 7.09	
	Range	18.65-48.19	17.00-51.57	.20
Parity	Nulliparous	21 (36.84%)	28 (43.75%)	
	Multiparous	36 (63.16%)	36 (56.25%)	.44
Prior vaginal deliveries		26 (45.61%)	28 (43.75%)	.84
Prior caesarean deliveries		4 (7.02%)	5 (7.81%)	.87
Prior medical abortions		16 (28.07%)	13 (20.31%)	.32
Prior surgical abortions		12 (21.05%)	12 (18.75%)	.75
Prior miscarriages		9 (15.79%)	14 21.88%)	.39
Gestational age (Days)	Mean ± SD	47.56 ± 9.06	48.68 ± 8.62	
	Range	33-67	33-67	.48

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Appendix 3: Results of Protocol Followers Stratified by Gestational Age

	<7weeks of Gestation			7-10 weeks Gestation		
	Oxycodone (*n*=33)	**Placebo (*n*=34)**	***P***	**Oxycodone (*n*=24)**	**Placebo (*n*=30)**	***P***
Maximum Pain Score Median* Range	8 4-10	8 4-10	.94	9 2-10	8 4-10	.40
Duration of Maximum Pain (hours) Median* Range	1.5 (.08-10)	1.5 (.17-12)	.67	2 (.33-10)	.92 (.02-15)	.14
Reported Max Score >7 (*n*)	70% (23)	71% (24)	.94	71% (17)	70% (21)	.95
Ibuprofen Tablets Used Median* Range	3 1-9	3 1-5	.87	2 1-5	2 1-7	.67
Filled Adjunctive Medication (*n*)	73% (24)	79% (27)	.52	58% (14)	67% (20)	.53
Used Adjunctive Medication (*n*)	58% (19)	62% (21)	.73	54% (13)	60% (18)	.67
Adjunctive Oxycodone Tablets Used Median* Range	1 0-6	1 0-4	.85	1 0-6	1 0-4	.97
Satisfaction with pain medications (*n*)	76% (25)	59% (20)	.14	58% (14)	57% (17)	.9
Presence of Nausea or Vomiting (*n*)	64% (21)	62% (21)	.87	75% (18)	73% (22)	.89
Adequacy of blinding (percentage who guessed allocation group correctly)	55% (18)	74% (25)	.03	37% (9)	67% (20)	.58

*11-point Numerical Rating Scale (NRS)

Appendix 4. Results of Non-Protocol Followers			
	Oxycodone (*n*=28)	**Placebo (*n*=21)**	***P***
Maximum Pain Score Median* Range	 6.5 2-10	 6 1-10	 .73
Duration of Maximum Pain (hours) Median* Range	.6 (.02-4)	.5 (.01-6)	.66
Onset of Worst Pain from Misoprostol Administration (hours ± SD)	2.5 ± 1.4	2.9 ± 1.7	.32
Reported Max Score >7 (*n*)	32% (9)	29% (6)	.79
Ibuprofen Tablets Used Median* Range	 2 0-4	 2 0-4	 .99
Filled Adjunctive Medication (*n*)	14% (4)	29% (6)	.22
Used Adjunctive Medication (*n*)	7% (2)	10% (2)	.76
Adjunctive Oxycodone Tablets Use Median* Range	 0 0-2	 0 0-5	 .72
Satisfaction with pain medications (*n*)	61% (17)	76% (16)	.25
Presence of Nausea or Vomiting (*n*)	57% (16)	33% (7)	.09
*11-point Numerical Rating Scale (NRS)			

Appendix 5. Characteristics of Protocol Versus Non-protocol Followers				
		Protocol Followers (*n*=121)	**Non-protocol Followers (*n*=49)**	***P***
Age (years)	Mean ± SD	26.7 ± 6.2	28.5 ± 6.6	.09
Race/Ethnicity	Other	54 (44.6%)	24 (49.0%)	
	White/Non-Hispanic	67 (55.4%)	25 (51.0%)	.61
Education	High School or less	37 (30.6%)	13 (26.5%)	
	College (any)	83 (68.6%)	36 (73.5%)	.70
BMI	Mean	25.5	25.6	
	Range	16.3-60.2	16.9-48.2	.57
Parity	Nulliparous	49 (40.5%)	18 (36.7%)	
	Multiparous	72 (59.5%)	31 (63.3%)	.65
Prior vaginal deliveries		54 (44.6%)	23 (46.9%)	.78
Prior caesarean deliveries		9 (7.4%)	3 (6.1%)	.76
Prior medical abortions		29 (24.0%)	10 (20.4%)	.62
Prior surgical abortions		24 (19.8%)	7 (14.3%)	.40
Prior miscarriages		23 (19.0%)	11 (22.5%)	.61
Gestational age (Days)	Mean ± SD	48.2 ± 8.8	46.2 ± 8.9	.19

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Appendix 6. Results of Protocol Followers versus Non-protocol Followers			
	Protocol Followers (*n*=121)	**Non-protocol Followers (*n*=49)**	***P***
Maximum Pain Score Median* Range	 8 2-10	 6 1-10	 <.01
Duration of Maximum Pain (hours) Median* Range	2 (.02-15)	.5 (.01-6)	<.01
Onset of Worst Pain from Misoprostol Administration (hours ± SD)	2.3 ± 1.5	2.7 ± 1.5	.22
Reported Max Score >7 (*n*)	70% (85)	31% (15)	<.01
Ibuprofen Tablets Used Median* Range	 2 1-9	 2 0-4	 <.01
Filled Adjunctive Medication (*n*)	70% (85)	20% (10)	<.01
Used Adjunctive Medication (*n*)	59% (71)	8% (4)	<.01
Adjunctive Oxycodone Tablets Used Median* Range	 0 0-2	 0 0-5	 .72
Satisfaction with pain medications (*n*)	63% (76)	67% (33)	.58
Presence of Nausea or Vomiting (*n*)	68% (82)	47% (23)	.01
*11-point Numerical Rating Scale (NRS)			

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