

Efficacy and safety of misoprostol for intrauterine device insertion in women with no previous vaginal delivery: a systematic review and meta-analysis of randomized controlled trials

Supplemental table showing summary of study characteristics, outcomes, and associated adverse effects.

Study ID	Baseline Characteristics				Outcomes			Adverse effects ^b			
	Mean age ^a	Parity ^a	Previous IUD ^b	Chose LNG-IUD ^b	Ease of insertion score ^a	Successful insertions ^b	Failed insertions ^b	Shivering	Diarrhea	Abdominal pain	Vaginal bleeding
Saav et al., 2007 ⁷	22.7 ± 3.1 VS 23.1±2.9	Nulliparous	N/A	43 VS 35	N/A	N/A	N/A	12 VS 3	12 VS 6	N/A	N/A
Espey et al., 2014 ¹²	24.1 ±4.3 VS 24.1 ±4.6	Nulliparous	N/A	36 VS 36	N/A	N/A	N/A	N/A	1 VS 1	N/A	N/A
Abdellah et al., 2017 ¹³	28.1±6.0 VS 26.6±4.5	3.2±0.9 VS 3.11±0.9	13 VS 12	N/A	2.2±0.5 VS 4.2±0.5	69 VS 61	1 VS 9	10 VS 2	2 VS 0	16 VS 3	7 VS 8
Dijkhuizen et al., 2010 ¹⁵	31.6 ± 8.6 VS 30.7±8.4	N/A	N/A	91 VS 88	3.4±2.7 VS 3.7±3	N/A	0 VS 1	N/A	N/A	N/A	N/A
Ibrahim et al., 2013 ¹⁷	29.4±5.6 VS 30.2±6.5	1±0.5 VS 1.75±0.75	N/A	N/A	N/A	128 VS 120	2 VS 5	6 VS 0	5 VS 0	18 VS 5	3 VS 4
Mansi, 2018 ¹⁸	N/A	N/A	N/A	N/A	N/A	172 VS 156	28 VS 44	N/A	N/A	28 VS 0	16 VS 5
Maged et al., 2018 ¹⁹	29.2±6.1 VS 28.8±4.6	N/A	28 VS 32	N/A	4.1±1.1 VS 5.4±2.2	60 VS 58	0 VS 2	N/A	N/A	10 VS 0	1 VS 2
Lathrop et al., 2013 ²⁰	26.05 VS 25.5	Nulliparous	N/A	N/A	N/A	35 VS 36	2 VS 0	N/A	N/A	N/A	N/A
Edelman et al., 2011 ²⁷	25±5 VS 27 ±6	Nulliparous	N/A	15 VS 16	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Swenson et al., 2012 ²⁸	24.6 ± 3.8 VS 24.8±4.2	Nulliparous	N/A	N/A	N/A	52 VS 48	2 VS 3	N/A	N/A	N/A	N/A

^a Values expressed as Mean±SD

^b Values expressed as frequency (number of events)