

Table 1: Fifteen comparative cohort studies referring to 2,837 female pregnant women were included in the current systematic review that examined whether laparoscopic treatment of acute appendicitis in pregnancy is a better option when compared to open surgery.

Study	Year	Country	Study Design	Population	LS	OS	Other	FDL	FDO	PDL	PDO	Outcomes
Cai et al ¹¹	2020	China	Retrospective	48	12	36	0	3	0	1	1	Preterm delivery, fetal loss, operative time
Corneille et al ¹³	2010	USA	Retrospective	49	9	40	0	0	3	1	5	Preterm delivery, fetal loss
Sadot et al ¹⁴	2010	USA	Retrospective	57	41	16	0	1	0	12	3	Preterm delivery, fetal loss, birth weight, operative time, Apgar score
De Bakker et al ¹⁵	2011	The Netherlands	Retrospective	15	12	3	0	1	0	1	1	Preterm delivery, fetal loss, operative time
Khan et al ¹⁶	2012	Saudi Arabia	Retrospective	118	52	66	0	0	0	4	6	Preterm delivery, fetal loss, birth weight
Chung et al ¹⁷	2013	Korea	Retrospective	61	22	39	0	0	0	2	4	Preterm delivery, fetal loss, birth weight, operative time, Apgar score
Peled et al ¹⁸	2014	Israel	Retrospective	85	26	59	0	1	0	5	14	Preterm delivery, fetal loss, birth weight, Apgar score
Cheng et al ¹⁹	2015	Taiwan	Retrospective	859	128	653	78	7	37	7	74	Preterm delivery, fetal loss
Karaman et al ²⁰	2016	Turkey	Retrospective	48	12	36	0	1	1	3	9	Preterm delivery, fetal loss, birth weight, operative time, Apgar score
Lauštzen et al ²¹	2016	Denmark	Retrospective	44	25	19	0	0	0	3	2	Preterm delivery, fetal loss, birth weight, operative time
Segev et al ²²	2016	Israel	Retrospective	92	50	42	0	2	2	5	3	Preterm delivery, fetal loss, birth weight, operative time
Winter et al ²³	2016	Australia	Retrospective	218	125	93	0	7	0	8	8	Preterm delivery, fetal loss, birth weight, operative time
Yoo et al ²⁴	2016	Korea	Retrospective	80	24	56	0	3	4	2	4	Preterm delivery, fetal loss, birth weight, operative time
Gök et al ²⁵	2018	Turkey	Retrospective	57	18	39	0	0	1	0	2	Preterm delivery, fetal loss, birth weight, operative time
Tumati et al ²⁶	2021	USA	Retrospective	1006	547	459	0	1	0	54	42	Preterm delivery, fetal loss

LS: Laparoscopic Surgery, OS: Open Surgery, FDL: Fetal Death Laparoscopic Surgery, FDO: Fetal Death Open Surgery, PDL: Preterm Delivery Laparoscopic Surgery, PDO: Preterm Delivery Open Surgery.