

Supplementary Table 6. Pregnancy outcomes in GTB patients who received ATT and underwent IVF-ET (Continued)

Characteristic	Bapna et al. [20] (2005)	Caliskan et al. [31] (2014)	Dai et al. [32] (2020)	Dam et al. [33] (2006)	Frydman et al. [34] (1985)	Gupta et al. [35] (2020)	Gurgan et al. [36] (1996)	Jain and Jain [37] (2013)	Jindal [21] (2006)	Jindal et al. [23] (2012)	Jindal and Kumar [38] (2022)	Jirge et al. [12] (2018)	Kharouf et al. [39] (2005)	Kim and Chang [11] (1989)	Kim and Kang [40] (2002)	Lin et al. [10] (2019)	Sharma [41] (2015)	Marcus et al. [42] (1994)	Nayar et al. [43] (2011)	Parikh et al. [44] (1997)	Sharma et al. [29] (2016)	Soussis et al. [45] (1998)	Pooled average (95% CI), I ² (P-value)	
Tubal damage not treated with surgery	0/0	3/15 (20.0)	0/0	0/0	0/0	0/0	3/18 (16.7)	12/33 (3 6.3)	NS	NS	NS	0/0	0/0	0/0	0/0	73/113 (64.6)	NS	0/0	NS	NS	NS	NS	35.6 (10.3 to 59.9), 90 (<0.00001)	
Endometrial damage treated with surgery	4/16 (25.0)	0/0	0/0	0/0	0/0	0/0	1/6 (16.7)	9/18 (50.0)	NS	NS	NS	0/0	0/0	2/32 (6.3)	3/17 (17.6)	0/0	NS	0/0	NS	NS	NS	NS	0/1 (0.0)	19.7 (4.2 to 35.2), 76 (0.015)
Endometrial damage not treated with surgery	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	NS	NS	NS	0/0	0/0	NS	0/0	0/0	NS	0/3 (0.0)	NS	NS	NS	NS	NS	0.0
No or minor tubal or endometrial damage	0/0	0/0	94/155 (60.6)	10/58 (17.3)	0/0	5/19 (26.3)	0/0	0/0	NS	19/32 (59.3)	NS	94/137 (68.8)	8/15 (53.3)	NS	10/15 (66.7)	0/0	NS	0/0	0/0	0/0	NS	NS	NS	49.2 (29.0 to 69.4), 90 (<0.00001)
Number of pregnancies per ET	17/89 (19.1)	17/122 (13.9)	94/291 (32.3)	NS	8/64 (12.5)	5/19 (26.3)	4/98 (4.1)	NS	NS	NS	62/195 (31.8)	94/384 (24.5)	NS	NS	24/537 (4.5)	73/402 (18.2)	NS	6/61 (9.8)	NS	NS	NS	6/68 (8.8)	16.6 (10.4 to 22.8), 96 (<0.00001)	
Tubal damage treated with surgery	13/63 (20.6)	12/77 (15.5)	0/0	0/0	8/64 (12.5)	0/0	NS	0/0	NS	NS	NS	0/0	0/0	NS	NS	0/0	NS	6/61 (9.8)	NS	NS	NS	NS	NS	13.9 (8.9 to 18.8), 24 (0.267)
Tubal damage not treated with surgery	0/0	5/45 (11.1)	0/0	0/0	0/0	0/0	NS	NS	NS	NS	NS	0/0	0/0	NS	NS	73/402 (18.2)	NS	0/0	NS	NS	NS	NS	NS	15.5 (7.1 to 23.9), 100 (<0.000001)
Endometrial damage treated with surgery	4/26 (15.4)	0/0	0/0	0/0	0/0	0/0	NS	NS	NS	NS	NS	0/0	0/0	NS	NS	0/0	NS	0/0	NS	NS	NS	NS	NS	15.4
Endometrial damage not treated with surgery	0/0	0/0	0/0	0/0	0/0	0/0	NS	0/0	NS	NS	NS	0/0	0/0	NS	NS	0/0	NS	0/30 (0.0)	NS	NS	NS	NS	NS	0.0
No or minor tubal or endometrial damage	0/0	0/0	94/291 (32.3)	NS	0/0	5/19 (26.3)	NS	0/0	NS	NS	NS	94/ 384 (24.5)	NS	NS	NS	0/0	NS	0/0	0/0	0/0	NS	NS	NS	27.8 (21.8 to 33.9), 43 (0.173)
Miscarriages per pregnancies	5/17 (29.4)	14/17 (82.4)	11/94 (11.7)	2/10 (20.0)	1/8 (12.5)	NS	3/4 (75.0)	NS	NS	NS	NS	NS	3/8 (37.5)	NS	1/24 (4.2)	27/73 (37.0)	9/46 (19.6)	1/6 (16.7)	NS	2/8 (25.0)	NS	2/6 (33.3)	NS	23.1 (13.1 to 33.0), 81 (<0.00001)
Tubal damage treated with surgery	5/13 (38.5)	9/12 (75.0)	0/0	0/0	1/8 (12.5)	0/0	0/0	0/0	NS	NS	NS	0/0	0/0	NS	NS	0/0	NS	1/6 (16.7)	NS	NS	NS	NS	NS	26.5 (12.7 to 40.4), 66 (0.052)
Tubal damage not treated with surgery	0/0	5/5 (100.0)	0/0	0/0	0/0	0/0	3/3 (100.0)	NS	NS	NS	NS	0/0	3/8 (37.5)	NS	NS	27/73 (37.0)	NS	0/0	NS	NS	NS	NS	NS	39.3 (26.2 to 52.3), 35 (0.217)
Endometrial damage treated with surgery	0/4 (0.0)	0/0	0/0	0/0	0/0	0/0	0/1	NS	NS	NS	NS	0/0	0/0	NS	NS	0/0	NS	0/0	NS	NS	NS	NS	NS	0.0
Endometrial damage not treated with surgery	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	NS	NS	NS	0/0	0/0	NS	NS	0/0	NS	0/0	NS	NS	NS	NS	NS	NE

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Number of patients	49	36	155	58	20	19	24	51	32	32	125	137	15	52	54	113	120	10	19	30	52	13	1,250	
GnRH stimulation																								
Dosage of GnRH (IU)	NS	3,859.3 ±1,279.3	2,157.9 ±893.1	2,449.0 ±854.0	NS	NS	NS	NS	NS	NS	NS	3,070.3 ±923.6	3,100 ±1,182.9	NS	NS	2,100.0 ±880.0	NS	NS	NS	NS	NS	NS	NS	2,653.0 (1,879.1 to 3,426.9), 0 (0.7411)
Duration of stimulation (days)	NS	9.9 ±2.1	12.5 ±1.9	NS	NS	NS	10.3 ±2.1	NS	NS	NS	NS	NS	NS	9.05 ±0.82	NS	11.73 ±2.46	NS	NS	NS	NS	NS	NS	NS	9.9 (8.7 to 11.1), 15 (0.317)
Endometrial and ovarian reserve																								
Endometrial thickness (mm)	NS	NS	11.42 ±2.68	11.8 ±1.6	NS	NS	NS	NS	NS	NS	NS	NS	8.7 ±2.0	NS	NS	9.84 ±1.92	NS	9.3 ±1.9	NS	NS	NS	NS	NS	10.3 (8.6 to 12.0), 51 (0.155)
Basal FSH (IU/mL)	NS	6.8 ±2.3	7.2 ±2.1	NS	NS	NS	11.6 ±7.1	NS	NS	NS	NS	NS	NS	NS	7.5 ±0.6	6.6 ±2.5	NS	NS	NS	NS	NS	NS	NS	7.4 (6.4 to 8.5), 0 (0.757)
E ₂ on day of hCG (pg/mL)	NS	2,011.1 ±926.0	4,683.9 ±2,281.3	1,805 ±1,023	NS	NS	852.0 ±931.0	NS	NS	NS	NS	NS	NS	1,276.1 ±583.4	2,790 ±280.1	2,588.1 ±1747.4	NS	NS	NS	NS	NS	NS	NS	2,367.2 (1,923.1 to 2,811.3), 60 (0.042)
Oocyte																								
Total oocytes retrieved	NS	NS	2,018	NS	93	NS	NS	NS	NS	NS	NS	NS	NS	271	NS	NS	NS	NS	NS	NS	NS	NS	NS	141
Average oocytes retrieved per patients (average±SD)	NS	8.9 ±5.2	13.3 ±5.7	9.35 ±4.14	1.9 ±0.1	9.73	5.8 ±2.1	NS	NS	NS	NS	9.3 ±7.6	9.5 ±4.9	NS	13.5 ±0.7	14.9 ±9.5	NS	7.5 ±6.2	5.8 ±3.6	NS	NS	NS	8.3	8.6 (3.4 to 13.8), 98 (<0.0001)
Fertilization rate per oocytes	NS	62.8 ±15.2	1,341/2,018 (66.5)	65.0	NS	42.4	NS	31.0	NS	NS	NS	NS	64.9	48/271 (17.7)	NS	63.6	NS	59.0	NS	NS	NS	NS	75/141 (53.9)	52.2 (39.7 to 65.1), 98 (<0.00001)
Average embryo transferred per patients (average±SD)	NS	2.3 ±0.6	1.8 ±0.4	NS	2.0	1.0	2.0 ±2.2	NS	NS	NS	NS	1.9 ±0.8	2.9 ±0.8	NS	5.0 ±0.2	2.0 ±0.5	NS	2.3 ±0.8	NS	NS	NS	NS	2.0 or 3.0	2.5 (0.0 to 7.8), 98 (<0.00001)
Total embryo transferred	NS	NS	291	NS	64	19	68	NS	NS	NS	195	384	NS	NS	537	402	NS	61	NS	48	NS	NS	68	
Number of cycles	89	53	155	58	49	19	44	NS	NS	NS	NS	197	24	65	135	201	NS	27	NS	NS	NS	NS	21	
Pregnancy																								
Implantation rate per embryo transfer	NS	NS	117/291 (40.2)	NS	NS	NS	4/68 (5.9)	NS	NS	NS	NS	103/384 (26.8)	13.4	NS	37/537 (6.9)	89/402 (22.1)	45.0	NS	NS	NS	NS	NS	NS	22.3 (12.1 to 32.5), 97 (<0.00001)
Number of pregnancies per total patient	17/49 (34.7)	17/36 (47.2)	94/155 (60.6)	10/58 (17.3)	8/20 (40.0)	5/19 (26.3)	4/24 (16.7)	21/51 (41.0)	10/32 (31.2)	19/32 (59.3)	62/125 (49.6)	94/137 (68.8)	8/15 (53.3)	4/52 (7.7)	24/54 (44.4)	73/113 (64.6)	46/120 (38.3)	6/10 (60.0)	3/19 (15.8)	8/30 (26.7)	9/52 (17.3)	5/13 (38.5)	37.9 (28.6 to 47.3), 91 (<0.00001)	
Tubal damage treated with surgery	13/33 (39.3)	12/21 (57.2)	0/0	0/0	8/20 (40.0)	0/0	0/0	0/0	NS	NS	NS	0/0	0/0	2/20 (10.0)	20/48 (41.7)	0/0	NS	6/10 (60.0)	NS	NS	NS	NS	NS	37.5 (20.3 to 54.8), 73 (0.005)

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No or minor tubal or endometrial damage	0/0	0/0	11/94 (11.7)	2/10 (20.0)	0/0	NS	0/0	0/0	NS	NS	NS	NS	0/0	NS	NS	0/0	NS	0/0	0/0	0/0	NS	NS	12.2 (5.5 to 18.9), 0 (0.569)
Ectopic pregnancies per pregnancies	0/17 (0.0)	NS	3/94 (3.2)	0/10 (0.0)	1/8 (12.5)	NS	0/4 (0.0)	NS	NS	NS	NS	NS	NS	NS	2/24 (8.3)	0/73 (0.0)	2/46 (2.3)	1/6 (16.7)	NS	1/8 (12.5)	NS	0/6 (0.0)	4.2 (1.2 to 7.1), 55 (0.135)
Births																							
Live births per pregnancies	12/17 (70.6)	3/17 (17.6)	79/94 (84.1)	NS	6/8 (75.0)	NS	1/4 (25.0)	NS	NS	NS	57/62 (91.9)	NS	5/8 (62.5)	NS	20/24 (83.3)	46/73 (63.0)	35/46 (76.1)	4/6 (66.7)	NS	5/8 (62.5)	NS	4/6 (66.7)	67.4 (53.3 to 81.5), 70 (<0.0001)
Tubal damage treated with surgery	8/13 (61.5)	3/12 (25.0)	0/0	0/0	6/8 (75.0)	0/0	0/0	0/0	NS	NS	NS	0/0	0/0	NS	NS	0/0	NS	4/6 (66.7)	NS	NS	NS	NS	43.9 (23.1 to 64.7), 48 (0.144)
Tubal damage not treated with surgery	0/0	0/5 (0.0)	0/0	0/0	0/0	0/0	0/3 (0.0)	NS	NS	NS	NS	0/0	5/8 (62.5)	NS	NS	46/73 (63.0)	NS	0/0	NS	NS	NS	NS	38.0 (3.9 to 72.0), 83 (0.0029)
Endometrial damage treated with surgery	4/4 (100.0)	0/0	0/0	0/0	0/0	0/0	1/4 (25.0)	NS	NS	NS	NS	0/0	0/0	NS	NS	0/0	NS	0/0	NS	NS	NS	NS	42.3 (0.0 to 91.0), 44 (0.180)
Endometrial damage not treated with surgery	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	NS	NS	NS	0/0	0/0	NS	NS	0/0	NS	0/0	NS	NS	NS	NS	NE
No or minor tubal or endometrial damage	0/0	0/0	79/94 (84.1)	NS	0/0	NS	0/0	0/0	NS	NS	NS	NS	NS	NS	NS	0/0	NS	0/0	0/0	0/0	NS	NS	NE
Multiple pregnancies per pregnancies	3/17 (17.6)	0/17 (0.0)	21/94 (22.3)	NS	0/8 (0.0)	NS	0/4 (0.0)	NS	NS	NS	NS	NS	1/8 (12.5)	NS	NS	NS	2/35 (5.7)	1/6 (16.7)	NS	0/5 (0.0)	NS	NS	10.9 (6.2 to 15.7), 46 (0.0968)
Preterm births per deliveries	1/12 (8.3)	0/3 (0.0)	10/79 (12.7)	NS	0/8 (0.0)	NS	0/1 (0.0)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0/4 (0.0)	NS	0/5 (0.0)	NS	NS	5.8 (1.4 to 10.3), 19 (0.291)

Values are presented as median (range) or number (%).

GTB, genital tuberculosis; ATT, antitubercular therapy; IVF-ET, *in vitro* fertilization-embryo transfer; CI, confidence interval; GnRH, gonadotropin releasing hormone; IU, international unit; NS, not stated; FSH, follicle-stimulating hormone; hCG, human chorionic gonadotropin; SD, standard deviation; ET, embryo transfer; NE, not estimable.