	First Author			PTB, EPTB,				
Design	(Year), Reference	Setting	Sample	congenital	HIV Co-infection	Maternal outcomes	Fetal/Newborn outcomes	Other relevant findings
Case Report	Adhikari (2014) ⁷²	US	1 (30 yo)	DR EPTB (genitourinary)	no	cured of TB	induction of labor due to severe pre-eclampsia at term	postpartum complicated by pyelonephritis; fibrosis and chronic inflammation of ureteral segments
Case Report	Ahuja (2014) ⁵²	India	1 (27 yo)	PTB	no	discharged home to continue ATT	fetal demise	delayed TB diagnosis; status post ventilator with resolved pulmonary embolism; resolved anemia
Case Report	Alaoui (2012) ⁶³	Morocco	1 (37 yo 23 weeks gestation)	EPTB (peritoneal)	no	cured of TB	normal birth weight, delivered at term: vaginal delivery 37 weeks	NA
Case Report	Barbosa (2019) ⁵⁶	Brazil	1 (22 yo 22 weeks gestation)	PTB, EPTB (disseminated)	no	death	induced abortion due to suspicion of choricamnionitis	NA
Case Report	Brouwer (2014) ⁶⁴	Belgium	1 (33 yo 4 weeks gestation)	EPTB (left breast)	no	completion of TB treatment	delivered at term	misdiagnosis of TB and delayed treatment x13 weeks from presentation
Case Report	Chang (2017)22	Taiwan	1 (14 day old infant, delivered at 35 weeks)	congenital	no	not discussed	LBW; completed TB treatment, gradual resolution of miliary TB	NA
Case Report	Erenel (2021) ⁶⁵	Turkey	1 (24 yo 15 weeks gestation)	EPTB (intraperitoneal)	no	Completed treatment	delivered at term, normal weight, negative for TB; BCG vaccine given; INH prophylaxis given x6 months	NA
Case Report	Fois (2017)38	Italy	1 (28 yo 36 weeks gestation)	PTB	no	cured of TB	preterm cesarean delivery at 36 weeks, outcome unknown	NA
Case Report	Inal (2015)223	Turkey	1 (34 yo, twins at 27 and 30 weeks gestation)	EPTB (genital)	no	cured of TB	preterm cesarian delivery for both twins at 30 week gestation; LBW	NA
Case Report	Islam (2017) ⁵⁰	Saudi Arabia	1 (23 yo 23 weeks gestation)	EPTB (abdominal)	no	cured of TB	spontaneous abortion	dilatation and curretage caused uterine perforation and sepsis; resolved sepsis, bilateral pleural effusion; TB treatment was interrupted during transfer of care due to miscommunication
Case Report	Jacquemyn (2012) ⁵¹	Belgium	1 (28 yo 13 weeks gestation)	PTB, EPTB (disseminated)	no	cured of TB	spontaneous abortion	acid-fast bacilli on examination of placenta, but not fetus
Case Report	John (2018) ⁶⁶	US	1 (37 yo 19 weeks gestation)	PTB	по	recovered fully	healthy infant at birth, treated with isoniazid prophylaxis, negative T-spot test at age 3- month and isoniazid was discontinued	mother had delayed diagnosis of TB: cough, fever, night sweats, 10-bw qiph loos in the last 3 months - T-spot test+(30mm induration) and referred to pulmonologist - placed on azithromycin for presumptive PNA; admitted to impatient TB treatment when 2-yo daughter was screened + for TB
Case Report	Kaushal (2015) ²⁴	India	1 (27 yo 35 weeks gestation)	EPTB (spinal)	no	continued TB treatment after discharge; doing well at 3 month post-discharge	fetal distress, emergency cesarian section at 37 weeks; ATT prophylaxis x3 months; no congenital TB at 3 month post-discharge	improvement in motor power over weeks
Case Report	Klimko (2020) ⁴⁴	Romania	1 (27 days old infant delivered at 33 weeks)	congenital	по	mom diagnosed with latent TB and isolated from infant; TB treatment outcome not discussed	improved TB; premature birth, LBW (2100g)	presents with hepatosphenomegaly, respiratory distress, hypotonic, irritable; misdiagnosis of late- onset culture-negative neonatal sepsis - patient's condition worsened prompting TB screening of mother, paracenthesis performed + for TB and started on treatment

Case Report	Lahbabi (2014) ⁶⁷	Morocco	1 (31 yo 22 weeks	EPTB (peritoneal)	no	cured of TB	delivered at term, normal weight, no TB	NA
Case Report	Laniado-Laborin (2017) ⁷⁸	Mexico	1 (15 yo 8 weeks gestation)	DR PTB	no	cured of TB; normal vaginal delivery	NA	fetal exposure to levofloxacin and ethionamide; provider offered induced abortion
Case Report	Lee (2015) ⁴⁵	South Korea	1 (18 days old infant)	congenital	no	No symptoms at 8-month follow up	improvement of lung infiltration and no symptoms after 8 months	delayed diagnosis of TB in mother; baby's initial presentation of respiratory distress and fever, initial misdiagnosis of PNA, then started on TB treatment on day #2 of hospitalization
Case Report	Lin (2018) ⁷³	China	1 (31 yo, gestation age unknown)	PTB	no	cured of TB	spontaneous vaginal delivery; TB outcome on neonate not provided	1 month delay of TB diagnosis after presenting with symptoms
Case Report	Lu (2013) ³⁹	China	1 (38 yo 28 weeks gestation)	TB (abdominopelvic)	no	cured of TB	preterm cesarean delivery at 29 weeks, outcome unknown	abdominal hysterectomy, bilateral salpingectomy, and omentectomy
Case Report	Loughenbury (2009) ²⁵	UK	2 (33 weeks and 33 weeks)	EPTB (spinal)	no	cured of TB	preterm cesarian delivery for both at 33 and 34 weeks; LBW reported (1980g and 2100g)	moms given steroids to aid fetal lung maturation
Case Report	Masukume (2013) ⁶⁸	Zimbabwe	1 (33 yo 18 weeks gestation)	PTB	no	cured of TB; vaginal delivery at 41 weeks	normal birth weight	delayed TB diagnosis
Case Report	Muin (2015) ³⁴	Switzerland	l (19 yo, 28 weeks gestation)	EPTB (brainstem)	no	cured of TB; failed induction at 40 weeks, underwent cesarian section	not discussed	improvement neurological symptoms; steroids to aid fetal lung maturation; recommendation for treatment via a multidisciplinary approach inclusive of neonatal care
Case Report	Rajput (2021)47	India	l (21 yo female postpartum)	EPTB (intestinal)	no	died from TB due to sepsis secondary to 20 ileal perforations from TB and delayed presentation to the hospital; asymptomatic TB during pregnancy with symptom manifestation postpartum	full term stillbirth	delayed TB diagnosis, was not started on TB treatment prior to death
Case Report	Raouf (2009)75	UK	1 (23 yo)	EPTB (brain and eye)	no	cured of TB; complications resolved with scarring of eye	full term induction vaginal birth; normal birth weight	Patient stopped ATT by herself 3 weeks before delivery because she wanted to breastfeed
Case Report	Raznatovska (2019) ⁵⁷	Ukraine	1 (38 yo became pregnant during TB treatment)	DR PTB	во	treatment failure and extensive resistant TB by month 7 of treatment; recommended induced abortion based on clinical indixations of: non- conversion of culture failer 3 months of DR-TB treatment, nephropathy and intoxication syndrome secondary to diabetes, adenomyosis and bloody vaginal discharge	induced abortion due to advanced TB disease	Initial diagnosis found resistance to rifampicin, unclear what treatment patient was on; on month 1, sputum found resistance to further isonizid and praziamidu, unclear what therapy was placed on her; on month 7, was further found to be resistant to oflocucin, kamanycin, and capreenowicin, unclear what therapy was placed on her at this time
Case Report	Sagar (2016) ²⁶	India	1 (20 day old baby)	Congenital	no	unknown TB outcome; diagnosed with PTB at 8 month pregnancy and started on TB treatment 8 days prior to baby's presentation of fever, decreased appetite, and rapid breathing	preterm birth at 24 week gestation; LBW 1800g at 20 days old; X-ray after 12 month treatment normal	treated x12 months on isoniazid, rifampicin, pyrazinamide, and amikacin
Case Report	Sharma (2018)80	India	1 (25 yo old 4th month of pregnancy)	EPTB (gingiva)	no	cured of TB; normal vaginal delivery	NA	NA
Case Report	Shi (2021) ⁵⁸	China	l (26 yo 15 week gestation)	PTB, EPTB (disseminated)	во	improved with combined therapeutic therapy; follow up al Zmonth doing well on isonizaid and rifampicin; Pattent with history of Evans syndrome on daily corticosteroid. On day 3 hospitalization, condition detrivated, final disgnoses included disseminated TB-associated hemophagocytic lymphohistisocytosis, severe PNA, respiratory failure, severe acute respiratory disters syndrome	f fetal death day 5 of hospitalization, caseating tuberculous granulomas found in placenta	was initiated on isoniazid, rifampicin, ethambutol, pyrazinamide, and moxifloxacin, then on "four drugregimen" with methylpretoisolone and immunoglobin and plasma exchange with improvement and dic day 19

Case Report	Shital (2018)69	India	1 (25 yo 24 weeks gestation)	PTB, EPTB (laryngcal)	no	cure of TB; normal vaginal delivery	normal birth weight	NA
Case Report	Stuart (2009)27	Australia	1 (newborn delivered at 28 weeks)	Congenital	no	TB outcome not reported; no other maternal outcome reported	premature birth, emergency cesarian section, LBW; ventilator use due to respiratory distress; neonatal jaundice, right-sided Erb palsy	neutropenia due to ethambutol in newborn; all newborn's complications resolved and newborn was discharged from hospital
Case Report	Yeh (2019) ²⁸	Taiwan	1 (8 day old neonate)	Congenital	no	initiated on TB treatment but died 3 days later	delivered at 37 weeks with LBW (2380g); presented with fever x2 days; diagnosed with TB day 20, initiated on TB treatment at day 24; no TB outcome reported	delayed TB diagnosis; 33 yo mother with dry cough l week postpartum, admitted to ICU for altered mental status 24 day postpartum, tested for TB due to suspected TB in neonate
Case Report	Zhu (2021) ⁵⁹	China	l (26 yo 11 weeks gestation)	EPTB (plural space)	по	TB treatment completion without relapse or liver damage at month 8 follow up; underwent liver transplant at 17 week gestation; uterine curettage day 27 due to incomplete abortion	induced termination of pregnancy by induction at 21 week gestation (30 day postop liver transplant of mother) due to ventricle widening in the fetus	TB treatment changed 3 times: isoniazid, rifampicin, and pyrazinamide at initiation; then amikacin, levofloxacin, and meropenem after liver transplant; then linezolid, levofloxacin, and pyridoxine at postop day 20
Case Series								
Case Series	Acquah (2021) ⁸³	South Africa	5 (18-29 years old)	DR PTB	yes (n=3)	3 cured, 2 lost to follow up	delivered at term, no congenital abnormalities, none developed TB or HIV	all women were exposed to regimens containing bedaquiline, delamanid, and linezolid
Case Series	Badve (2011) ²⁹	India	3 (third trimester pregnancies, median age=30)	EPTB (spinal)	no	1 woman with residual spastic paraparesis, otherwise complete neurological recovery in the other 2 women; unclear TB outcomes	1 spontaneous abortion; urgent 2 cesarian section with 1 LBW (2400g); 1 newborn suffers neonatal sepsis in premature care facility; 1 newborn normal birth weight	kyphosis, spinal cord compression
Case Series	Bishara (2015) ⁶¹	Israel	6 (35-41 weeks gestation, median age=22)	both (n=4 PTB, n=2 EPTB)	no	all 6 cured of TB	1 intrauterine growth restriction; 2 out of 6 PNA post-delivery (moms had EPTB), 2 newborns treated for latent TB	TB diagnostic and treatment delay in all 6 women
Case Series	Du (2021) ⁴⁰	China	10 (mean gestational age 36.6 SD 2.2 weeks)	congenital	по	nene treated for TB during programsy though 1 woman was diagnosed during programsy	5 were preterm infinits (<37 weeks); during a neurological neurological neurological neurological neurological neurological methods with the second second neurological methods were a loady to follow up, five fully recovered, 3 babies had hepatotoxicity secondary to 11 heurannets; at 6 months of age, 39 babies had neural growth and development	NA
Case Series	Gai (2021) ⁵³	China	7 (ages 28-34)	PTB, EPTB (miliary TB, with 2 TB meningitis cases)	not reported	achieved pregnancy after in-vitro fertilization; 4 spontaneous abortion, 3 induced abortions; all recovered after TB treatment	NA	clinical pregnancy and live birth rates significantly lower in infertile patients with untreated prior PTB than in those without
Case Series	Li (2019) ⁴⁸	China	28 pregnant women with TB (IQR 27-33)	PTB, EPTB	no	10/28 were initially misdiagnosed as other respiratory illnesses; 27 cured of TB, 1 death	4 spontaneous abortions, 9 induced abortions; 4 neonates were healthy; 1 small for gestational age, 1 stillbirth, 2 congenital TB, 1 died et 4 member ald	35.7% of cases of misdiagnosis potentially due to atypical presentation leading to treatment delays and adverse pregnancy outcomes

Case Series	Modi (2021) ⁷⁶	Inida	2 pregnant women with TB-COVID-19 coinfection (third trimester pregnancy)	РТВ	no	patient 1 treated with quadruple therapy for TB and remdesivir and oxygen in ICU x10 days and was discharged; patient 2 underwent c-section at 38 weeks and managed in ICU with O2 and remdesivin and quadruple therapy for TB	term delivery with normal weight baby for patient 2; no discussion regarding patient 1's fetus	NA
Case Series	Palacios (2009) ¹⁹	Peru	38 (mean age=24.4 SD=5.8)	DR PTB (n=37), EPTB (n=1)	yes (n=3)	23 (n=38, 61%) cured of TB; 4 clinical TB deterioration, 8 deaths; 2 episodes of vaginal bleed, 1 placenta previa, 1 premature membrane rupture	5 spontaneous abortions; 1 stillborn; of 32 infants born alive: three with LBW <2500g, one fetal distress; two latent TB treated, 1 active TB treated at mo 9	treatment was suspended with confirmed pregnancy $(m=14)$; second-line drugs may be continued despite teratogenic risk; most had advanced disease at baseline $(m=36)$
Case Series	Peng (2011) ⁴⁶	China	6 neonates (5:42 days old)	congenital	NA	3 mothers had miliary TB, 1 had genital TB, 3 unknown TB; outcomes of mothers not discussed/unknown	4 full term, 2 premature babies; all 6 babies demonstrated cough and hepatosplenomegaly, 4 with rales, 3 fever, respiratory distress, and poor feeding; two with abdominal distention, 1 jaundice, 1 with asches; 4 improved with TB treatment, 2 died without TB treatment initiation	study also conducted a literature review of congenital TB - 95% of cases had mothers with active TB during pregnancy; laboratory results may cause misdiagnosis of other bacterial infections vs TB
Case Series	Rathod (2017)54	India	5 (third trimester pregnancies, median age=24)	EPTB (spinal)	no	3 normal vaginal deliveries	1 spontaneous abortion; 1 fetal demise due to adverse reaction to anesthesia	3 with resolution of TB, no sequelae; 1 with mild back pain; 1 with mild neck pain; 1 patient with recovery of paraplagia; 1 with destruction of spinal vertebra and kyphosis; 1 with 15 degrees kyphosis
Case Series	Suresh (2015) ⁸¹	India	17 (median age=24)	both	yes	5 deaths, 3 died before delivery, 4 elected abortions	1 death	high maternal mortality in low-resource high HIV burden countries
Case Series	Tabarsi (2011) ⁷⁷	Iran	5 (median age=22)	DR PTB	NA	cured of TB; normal vaginal delivery	normal weight	offer of induced abortion; treatment was suspended with confirmed pregnancy and resumed at patient's decision
Case Series	Toro (2011) ⁴⁹	sub-Saharan Africa	33 (median age-29 IQR 27-31)	Not reported	yes	32 survived, 25 with live births, 1 induced abortion, 5 spontaneous abortions/stillbirths, 1 infant outcome unknown	rate of spontaneous abortion/stillbirths among women with TB-HIV coinfection more than twice that compared to women receiving ART alone during pregnancy (15.2% versus 5.9%); 1 stillbirth was HIV+	analyzed women with TB-HIV coinfection; median gestational age 33 IQR 27-37, median CD4 97 IQR 48-196
Case Series	Ye (2019) ⁵⁵	China	6 (mean age 32.17± 3.87 years)	EPTB	no	cured of TB	3 spontaneous abortions, 3 elected abortions	delayed TB diagnosis (10-32 days from onset of symptoms to diagnosis)
Case-control								
Case-control	Asuquo (2012) ¹⁸	UK	24 (pregnant TB) + 72 (pregnant control, no TB)	PTB (n=13), EPTB (n=10), both (n=1)	yes (n=1)	cured of TB not reported	LBW (p=0.03) explained by pre-term delivery (OR 179.9, p=<0.001)	complications include hepatitis, cholestasis, and vomiting
Case-control	Chopra (2017) ⁴¹	India	50 women matched with TB control	both	NA	anemia (23% vs. 4% control, p-value not reported); 2/50 died due to TB disease progression, 2/50 lost to follow up	3x more likely to have fetal growth retardation (OR 3.2, 95% CI 1.3-7.9), preterm labor x5 more likely (OR 5.9 95% CI 2.5-13.9)	NA

Case-control	Lin (2010) ²⁰	Taiwan	761 women matched with 3805 on age and year of delivery	not reported	no	NA	SGA (aOR 1.22, 95% CI 1.00-1.49); LBW (aOR 1.35, 95% CI 1.01-1.81)	NA
Cohort Study Retrospective Cohort Study	Ahmadzia (2020) ³⁷	US	1450 TB cases out of 24,149,664 deliveries	PTB, EPTB	NA	TB group more likely to experience pre-term labor (90, 13% versus 162435, 6.8%, p=0.004), to have UTIs (7.0% versus 3.3%, p=0.02), and undergo cesarian delivery (30.9% versus 21.5%, p=0.007) compared to those without TB	fetal distress more likely in fetuses with mothers infected with TB compared to control group (5% versus 2.1%, p=0.02)	NA
Retrospective Cohort Study	Ali (2011) ²¹	Sudan	42 (mean ac 30.7, SD 3.7) out of 15252 pregnant women	35 PTB, 7 EPTB	yes (n=5)	anemia (83.3% verus $61.9\%,p{=}0.02)$ compared to those without TB, 2 deaths in women with TB-HIV coinfection	LBW for newborns to women with tuberculosis (28.5% vs 14.3%, p=0.03); higher numbers of preterm births (28.5% versus 19.0%, p=0.04) compared to those without TB	NA
Retrospective Cohort Study	Ali (2021) ³¹	Pakistan	27 pregnant women with TB out of 2,896 screened	26 PTB, 1 DR PTB	NA	Compared to those without TB, women with TB had higher prevalence of reported weight loss (59.2% vs 23.0% , P <0.01); 25 of women with TB successfully linked for treatment; 24 completed treatment; 1 lost to follow up	26 live births, 1 intrauterine death at 32 weeks, 8 had LBW (<2500g), 1 had very LBW (<1700g); 16 gastric samples collected and no vertical transmission was found	NA
Retrospective Cohort Study	Baluku (2021) ⁸²	Uganda	18 (mean age 27.5, SD 5.2 years)	DR PTB	yes (n=8)	Treatment success among 15 (83.3%) patients, 2 (11.1%) were lost to follow up and 1 (5.6%) died; elevated liver enzymes (81.8%, n = 11) and hearing loss (33.3%, n = 15) were the most frequently encountered drug adverse events	NA	6 were pregnant at initiation of TB treatment
Prospective Cohort Study	Bekker (2016) ³⁰	SA	74 comparingmaternal TB-HIV and TB	both (14% DR PTB)	yes (n=53, 72% sample)	5 dealts in HIV-coinfected attributed to TB; women delivering LBW infants were 3.83 times more likely to have unfavourable TB treatment outcome such as death, treatment failure, loss to follow up (95% CI 1.40-10.53, p. 0.009), compared to women delivering infants weighing> 2500 grams.	6 infant died, 4 stillbirthe, all to HIV positive women; 49 premature, 44 LBW, 2 congenital TB, 57 infants given isonizazi prophylaxis, 39 with outcomes at 6 months: 24.39 (62%) completed treatment, 13.39 (33%) did not, and 22.39 (5%) died; of 55 HIV exposed infants, HIV PCR test performed on 45, 3 were + and initiated on ART	median CD4 count 155 [OR 11-565 2915] (55%) on ART at time delivery, 10 (19%) no ART, Women with IIIV-coinciden had more severe EPTB (15% versus 0%); only 64% had documented ART use
Retrospective Cohort Study	Dennis (2018) ⁷¹	US	4053 TB positive among 57393459 pregnancy and delivery hospitalizations	not reported	yes	rate of pregnancy complications (severe pre- celampsia, eclampsia, placenta previa/accreta/abruption, antepartum/ postpartum hemorthage, sepsis, amenia) 80% higher among TB infected mothers compared to non-TB infected mothers (Composite rate 293.2 TB positive versus 166.5 TB negative)	NA	non-Hispanic black mothers have an 4OR 2.77 (95% C.I. 2.35, 3.25) of non-TB related death compared to white mothers; TB infected mothers have similar risk kevel across all ethnicities (white, black, Hispanic); over 1/3 of all TB cases were diagnosed among mothers of Hispanic origin
Retrospective Cohort Study	El-Messidi (2016) ⁴³	US	2064	not reported	NA	increased aOR of chorioamniotitis (OR=1.35, 95% CL, 1.04-1.74), postpartum amenia (OR=1.51; 95% CL, 1.22-1.87), PNA (OR 8.42, 95% CL, 5.77-12.29), ARDS (OR, 2.85; 95% CL, 1.55- 6.10), machania (vent (OR 3.33, 95% CL 1.66- 6.68), maternal mortality increased among pregnant women with TB (OR=6.27, 95% CL 2.01-19.58)	congenital anomalies (aOR=1.8, 95% CJ 1.24- 2.62)	Medicaid the most common payer for TB-related hospitalizations; more pregnant women with TB from lower income quartiles

Retrospective Cohort Study	Fernandez (2018) ³⁰	US	4053 TB positive cases among 57393459 pregnancy and delivery hospitalizations	not reported	yes (n=110)	rate of postpartum hemorrhage highest in TH only group (45.5 pc 11000 hospitalizations) compared to DTB and HIV negative group (25.8 pc 10002) similar to anomet (21.6 6. compared to 100.27 pcr 1000 hospitalizations); compared to HIV & TB negative moders, moders with HIV as ortB have significantly higher odds of pregnancy complications (HIV, 0.8CP 14, 95% C.1. 1.32-1.47; TB, aOR-1.91, 95% C.1. 1.64-2.23)	NA	Rate of TB among HIV-positive moderne was 21 times higher compared to rate of TB in HIV-regaritive mothers; how socioecconomic status and having public on to health immune were biggest risk factors for HIV or TB monoinfection and HIV-TB coinfection? pregramery complexions highest among HIV- coinfected mothers (31.28 pct 1.000 hospitalizations), followed by those with TB mono- infection (292.1 pct 1,000 hospitalizations)
Retrospective Cohort Study	LaCourse (2016) ³²	US	134 matched by year delivery and TB status	not reported	NA	NA	LBW (aRR=3.74, 95% C.I. 1.40-10.00); SGA (uRR=1.95, 95% C.I. 1.11-3.41)	NA
Retrospective Cohort Study	Loveday (2020) ³³	SA	108	DR PTB	yes (n=88, 81%)	completed treatment or cured of TB (67%), treatment failure (3%), death (3%)	fetal and neonatal deaths (9%), treated for DR PTB in the first year of life (2%); LBW for those exposed to be daquilline (45% vs 24%, p=0.034)	mean age 28, SD ±6.13; baseline cd4 median 353 IQR 165511 low baseline hermoglobin a predictor of poor TB treatment outcome (uHR 0.67, p=0.000); women living with HIV had a higher risk of a poor pregnancy outcomes (uHR 3.55, p=0.030); bedaquilline and levofloxacin are predictors of LBW
Retrospective Cohort Study	Mokhele (2021) ⁴²	SA	35	DR PTB	yes (n=24)	0 versal 48.0% had adverse overties \$2.2% had 1 and 1.26 two or more most pervalent wat nephrotoxicity (35.3%), nemni (22.5%), hypolalamia (23.5%), ototoxicity and ands (11.8%), HUV-negative patients had fover adverse oversa (12.2% vs. 62.5%, p.003); of 28 wint TB outcomes, 17 completed transment, 8 host to follow m 3, dieds, for 20 women with pregnancy outcomes, 65% of these had an adverse pregnancy outcomes	of 20 known pregnancy oukcomes, there were 4 term births, 11 preterm births, 1 miscarriage, 1 neonatal death, and 3 pregnancy terminations; 10/11 preterm births were from mothers with HIV coinfection and 1 neonatal death of mother with HIV coinfection as well	median age 20,11QR 28-35, median CD4 145 IQR 51-01 Patients with HIV conieficition lad more severe immunosuppression (median baseline: CD4 145) with more advence outcomes; authors propose that DR PTB & HIV conieficiend uniting programsy are cause of poor birth outcomes, recommending increased TB prevention strategies and TB treatment in antenatal care & HIV programs
Retrospective Cohort Study	Rendell (2016) ⁷⁹	Mongolia	107	PTB and EPTB	no	10/85 elected abortion after TB diagnosis	NA	2/82 TB treatment failure, 4/82 lost to follow-up; higher incidence of TB in pregnancy compared to general population (IRR 1.31, CI 1.08-1.59)
Retrospective Cohort Study	Sade (2020) ³⁴	Israel	46 neonates and mothers with TB compared to 243636 mothers without TB	PTB, latent TB	yes (n=2 mothers)	3 cases of placental abruption, 1 resulting in perinatal death; placental abruption is significantly associated with mothers with TB compared to those without (23.1% vs. 2.9%, pc.0.001); TB was an independent risk factor for placental abruption and very LBW when controlling for maternal age (10.76, 95% CI 33.7–34.36) and gestational age (11.27, 95% CI 33.7–34.36) and	higher rates of very LBW (<1500g) newborns in women with latent TB when compared to those with active TB during pregnamey, latent TB, and those without TB (0.0% , 5.6%, and 0.6%, $p < 0.001$); no significant difference in long-term infectious morbidity between children of mothers with and without TB	ΝΑ

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Prospective Cohort Study	Salazar-Austin (2007) ³⁵	SA	80 (pregnant women with TB) matched with 155 controls (no TB)	PTB and DR PTB	yes	anemia more in cases than control (27.5% versus 11.0%, p=0.001); pre-eclampsia 8-fold more common among case patients than controls (5.2% vs. 0.7%, p=0.03); higher rates of maternal hospitalization (25% vs. 11%, p=0.005)	infants born to HIV/TB moms twice as likely to have LBW (20.8% vs. 10.7%, p=0.04), prolonged hospitalizations at birth (51% vs. 16%, p==0.01) than born to HIV only; infants born to HIV/TB moms had 10- fold increased infant mortality risk (p=<0.001)	median age 29 IQR 26-31, median gestation 30 weeks (26-34), CD4 among cases 242 IQR 137- 379) compared to controls 369, IQR 263-476, p=0.001), less cases were virally suppressed than controls (30.8% versus 47.7%; p=0.001); over 90% of both cases and controls were on ART at screening
Retrospective Cohort Study	Sun (2021) ⁹⁷	China	6389 cases (pregnant women or partner with TB) matched with 31945 controls (couple without TB)	PTB	unknown	no significant differences in PTB (OR: 0.87, 95%) CI 0.66–1.12) between women with and without TB; women whose partner had TB had a higher risk of stillbirth (OR: 21, 35%). CI 1.10–3.86) than women whose partner did not have TB	no significant differences in stillbirth (OR 1.48, 95% CI 0.61–3.09) and LBW (OR 1.04, 95% CI 0.79–1.35) between women with and without TB	also stratified analysis by TB treatment and found similar results of pregnancy outcomes
Prospective Cohort Study	van der Walt (2020) ⁶²	SA	26	DR PTB	yes (n=20)	65.4% successful treatment outcome; no statistical significance between HIV coinfection and pregnancy outcome of mother or fetus; 57.7% had at least one adverse drug event (d) distubance, neuropsychiatric symptom, rash, thrombocytopenia, arthalgia, dizziness, hearing loss, anemia)	Birth outcome significantly associated with the trimester in which DR TB treatment was initiated (60% in 1st trimester vs 90% in 2nd vs 100% in 3rd, p=0.036); 2 abortions/miscarriages, 1 stillbirth, unclear of abortions were induced or spontaneous	mean age 29 years, SD \pm 5.1; missing information of type of delivery, complications of pregnancy, and birth weight
Retrospective Cohort Study	Yadav (2019) ³⁶	India	30	ЕРТВ	по	significant increased incidence of oligoannios and preterm nupture of membrane/preterm delivery compared to non-TB patients (13:3% versus 1.6%, p=0.001); death secondary to shock and end-organ failure from millary TB; 7 women underwent emergent cesarian delivery for fetal distress	1 stillborn due to severe miliary TB in mother, LBW in newborns of moms with TB compared to non-TB moms (224:26:379.5 grams versus 2712.3:e635.7, p=0.001); more incidence of SGA in moms with EPTB compared to non-TB moms. (33.3% versus 7.8%, p=0.001)	NA
Other Service Improvement Project	Cornish (2020) ⁶⁰	SA	56 (ages 13-50) pre- intervention, 58 post- intervention	DR PTB	yes (n=34 pre- intervention, n=23 post-intervention)	3 pregnancies during treatment before improvement project, after improvement project. 0 pregnancy	2 termination of pregnancy; 1 uncomplicated c- section at full term before improvement project	training intervention included family planning training of DRTB nurses and stocking the DRTB unit with leng-acting injectable contraceptive, proportion of women on injectable contraceptives by de time of DRTB treatment initiation increased more fana 3-fold, from 23.9% to 77.4% (p<0.0001)
Secondary Data Analysis	Rickman (2020) ⁸⁵	US	235 pregnant women (n=73 with TB, n=162 without TB of which 7 later identified to have TB	not reported	yes	43% of prevalent cases experienced complications (hypertension, antepartum hemorrhage, rupture of membranes, unplanned cesarian section, sepsis, maternal death, spontaneous abortion, stillbirth, premutarity, LBW, SGA, perinatal death, fetal abnormalities) compared to 35% of control (p=1.0)	43% infants experienced complications including TB, neonatal sepsis, and infant hospitalization among TB prevalent cases compared to 11% of control (p=0.045)	median age 29 IQR 25-31, CD4 361 IQR 303-510; ART at baseline 27 (29%), 1 undetectable VL; in a cohort of women living with HIV, 7 stubelinical cases were identified and discussed in this study; subelinical maternal TB may result in elevated risk of adverse infant outcomes
Secondary Data Analysis	van de Water (2020) ⁸⁴	Peru	36 pregnant women with TB compared with 1298 non-pregnant with TB	PTB and DR PTB	yes (n=1 in pregnant and n=28 in non-pregnant women	97.1% pregnant women were HIV-negative; 28 had reported success ful TB outcome (curred, completed treatment, treatment ended early by clinical team), 1 was treatment failure; 8 pregnant women had DR PTB - 7 completed treatment/curred, 1 lost to follow up	neonate outcome not reported	median age of pregnant women 24.5 (IQR 21-30.5)

Abbreviations: MTCT-Plus, maternal to child transmission-Plus; PTB, pulmonary TB; EPTB, extrapulmonary TB; DR PTB, drug resistant pulmonary TB; DR EPTB, drug resistant extrapulmonary TB; LBW, low birth weight <2500g;

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SD, standard deviation; SGA, small for gestational age; PNA, pneumonia; ARDS, acute respiratory distress syndrome; NA, not applicable; aOR, adjusted odds ratio; aRR, adjusted risk ratio; uHR, unadjusted hazard ratio; NA, not applicable;