

**Table-1 (a): Analysis of the studies [Case series/ Cohort]**

Serial number	Author (reference)	Number of pregnancies	Country	Outcomes included	Selection Contains diagnosed COVID-19 in Pregnancy	Comparability Data on pregnant women and fetus available	Outcome; Assessment and reporting	Evidence of mother to child transmission	Perinatal Outcome
1.	Chen H et al (45)	9	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
2.	Zeng H et al (54)	6	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
3.	Zhu H et al (57)	10	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
4.	Zhang I et al (102)	61	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
5.	Penfield CA et al (103)	11	China	Placental, membrane and neonatal samples	****		**	√	
6.	Liu Y et al (69)	10	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
7.	Khan S et al (64)	17	China	Symptoms, maternal characteristics, pregnancy and neonatal outcomes	****	**	***	√	√
8.	Zeng L et al (41)	33	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
9.	Qiancheng X et al (107)	23	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
10.	Yang P et al (81)	7	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
11.	Yang H et al (73)	55	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	*	*	√	√

12.	Wu Y et al (47)	13	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy outcomes	****	*	*	√	
13.	Yan J et al (24)	116	China	pregnancy and neonatal outcomes	****	**	***		√
14.	Li N et al (66)	16	China	Symptoms, maternal outcomes, neonatal outcomes	****	**	***		√
15.	Cao D et al (67)	10	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy outcomes	****	**	***	√	√
16.	Yin M et al (46)	31	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy outcomes	****	**	***	√	√
17.	Hu X et al (42)	7	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy outcomes	****	**	***	√	√
18.	Nie R et al (68)	33	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy outcomes	****	**	***	√	√
19.	Patane L et al (39)	22	Italy	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
20.	Ferrazzi E et al (28)	42	Italy	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
21.	Savasi V et al (109)	77	Italy	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
22.	Mulvey J et al (38)	5	US	Placental characteristics	***			√	
23.	Vintzileos W et al (113)	32	US	Symptoms, maternal characteristics, Test results	***	*	***	√	
24.	Breslin N et al (59)	18	US	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
25.	Baergen R et al (37)	20	US	Maternal characteristics, maternal outcomes, Placental characteristics	***			√	

26.	Williams R et al (63)	64	US	Maternal characteristics, pregnancy and neonatal outcomes	****	**	***	√	√
27.	Shanes E et al (36)	16	US	Symptoms, maternal characteristics, Placental pathology, pregnancy and neonatal outcomes	****	**	***	√	√
28.	Breslin N et al (114)	7	US	Symptoms, maternal characteristics, test result	**	**	**	√	
29.	London V et al (27)	68	US	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
30.	Lokken E et al (40)	46	US	Symptoms, maternal characteristics, laboratory parameters, pregnancy outcomes	****	**	***		√
31.	Qadri F et al (115)	16	US	Maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	-.**		√
32.	Prabhu M et al (60)	70	US	Symptoms, obstetric and neonatal outcomes, and placental pathology	****	**	***	√	√
33.	Romagano M et al (82)	7	US	Symptoms, maternal characteristics, laboratory parameters, pregnancy outcomes	****	**	*		√
34.	Govind A et al (61)	9	UK	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
35.	Knight M et al (23)	427	UK	Symptoms, maternal characteristics, pregnancy and neonatal outcomes	****	**	***	√	√
36.	Sentilhes, et al (116)	38	France	Symptoms, maternal outcomes, neonatal outcomes	****	**	***	√	√
37.	Kayem G et al (25)	617	France	Symptoms, maternal characteristics, pregnancy and neonatal outcomes	****	**	***	√	√
38.	Nayak A et al (26)	141	India	Symptoms, maternal outcomes, neonatal outcomes	****	**	***		√
39.	Hantoushzadeh et al (75)	7	Iran	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√

40.	Perez O et al (65)	82	Spain	Symptoms, maternal characteristics, pregnancy outcomes	****	**	**	√	√
41.	Doria M et al (48)	10	Portugal	Symptoms, maternal characteristics, pregnancy outcomes	****	**	*		√

**Table-1 (b): Analysis of the studies [Case reports]**

Serial number	Author (reference)	Number of pregnancies	Country	Outcomes included	Selection Contains diagnosed COVID-19 in Pregnancy	Comparability Data on pregnant women and fetus available	Outcome; Assessment and reporting	Evidence of vertical transmission	Perinatal Outcome
1.	Alzamora et al (78)	1	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
2.	Li Y et al (44)	1	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
3.	Dong L et al (55)	1	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
4.	Liao X et al (106)	1	China	Symptoms, maternal characteristics, pregnancy outcomes	****	**	***	√	√
5.	Wang X et al (77)	1	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
6.	Huang J et al (86)	1	China	Symptoms, maternal characteristics, pregnancy outcomes	****	**	***	√	√
7.	Xiong X et al (50)	1	China	Symptoms, maternal characteristics, pregnancy and neonatal outcomes	****	**	***	√	√
8.	Wang S et al (51)	1	China	Symptoms, maternal characteristics, pregnancy and neonatal outcomes	****	**	***	√	√
9.	Song L et al (49)	1	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcome	****	**	***	√	√
10.	Fan C et al (48)	2	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√

11.	Chen Y et al (58)	4	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
12.	Peng Z et al(43)	1	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
13.	Liu W et al (56)	3	China	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
14.	Chen S et al (104)	3	China	Symptoms, laboratory parameters, pregnancy outcomes, samples	****	**	***	√	√
15.	Khan S et al (85)	3	China	Symptoms, maternal characteristics, pregnancy and neonatal outcomes	****	**	***	√	√
16.	Yu N et al (108)	2	China	Symptoms, maternal characteristics, amniotic fluid in mid pregnancy	****	*	*	√	
17.	Schnettler W et al (110)	1	US	Symptoms, maternal characteristics, laboratory parameters, pregnancy outcome	****	**	**	√	
18.	Blauvelt C et al (84)	1	US	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcome	****	**	***	√	√
19.	Iqbal S et al (105)	1	US	Symptoms, maternal characteristics, pregnancy outcomes	****	**	***	√	√
20.	Algorroba et al (34)	1	US	Symptoms, maternal characteristics, laboratory parameters, pregnancy outcome	***	*	*	√	
21.	Hosier H et al(32)	1	US	Symptoms, maternal characteristics, test result	****	**	**	√	
22.	Sisman J et al (70)	1	US	Symptoms, maternal characteristics, pregnancy outcomes	****	**	***	√	√
23.	Kalafat E et al (79)	1	Turkey	Symptoms, maternal characteristics, pregnancy and neonatal outcomes	****	**	***	√	√
24.	Kirtsman M et al (35)	1	Canada	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcome	****	**	***	√	√

25.	Lyra J et al (74)	1	Portugal	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcome	****	**	***	√	√
26.	Buonsenso et al (53)	4	Italy	Symptoms, maternal findings, test results	****	*	**	√	
27.	Perrone S et al (72)	4	Italy	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
28.	Buonsenso D et al (112)	2	Italy	Maternal characteristics, Samples for detection	****	**	*	√	
29.	Groß R et al (52)	2	Germany	Symptoms, maternal findings, test results	****	*	*	√	
30.	Cooke W et al (83)	2	UK	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	-**		√
31.	Pulinx B et al (31)	2	Belgium	Symptoms, maternal characteristics, laboratory parameters, second trimester miscarriage	****	*	*	√	
32.	Lee D et al (80)	1	Korea	Symptoms, maternal characteristics, pregnancy and neonatal outcomes	****	**	***	√	√
33.	Gidlöf S et al (76)	2	Sweden	Symptoms, maternal characteristics, pregnancy and neonatal outcomes	****	**	***	√	√
34.	Baud D et al (33)	1	Switzerland	Symptoms, maternal characteristics, laboratory parameters, second trimester miscarriage	****	*	*	√	
35.	Zamaniyan M et al (30)	1	Iran	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcomes	****	**	***	√	√
36.	Zambrano L et al (87)	1	Central America	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcome	****	**	***	√	√
37.	Vivanti A et al (29)	1	France	Symptoms, maternal outcomes, neonatal outcomes	****	**	***	√	√
38.	Lowe B et al (62)	1	Australia	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcome	****	**	***	√	√

39.	Kulkarni et al (117)	1	India	Symptoms, maternal characteristics, laboratory parameters, pregnancy and neonatal outcome	****	**	***	√	√
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**Selection**- \* Representativeness of the patients \*Ascertained exposure to SARS-CoV-2 \*Ascertained outcome- Symptoms of COVID-19 in the mother \* Ruling out other causes- Test result of mother positive [\*\*\*\*-Contains all 4 components; \*\*\*-Contains first 3 out of 4 components; \*\*-Contains first 2 out of 4 components; \*- Contains first 1 out of 4 components]

**Comparability**- Data on both mother and fetus available [\*\*- Both maternal and fetal data available; \*- Only maternal data available ]

**Outcome**- \* Evidence of mother to fetal/neonatal transmission, \* Evidence of Fetal outcome, \*Evidence of neonatal outcome [\*\*\*-Contains all 3 components; \*\*- Contains first 2 out of 3 components; \*- Contains first 1 out of 3 components]

√- Included in analysis of mother to fetal/neonatal transmission or included in analysis of perinatal outcome or both