**Supplemental Table 1. Clinical characteristics and maternal outcomes**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Study | Number of pregnant women | Initial signs and symptoms (number) | Other symptoms (number) | Complications and comorbidities (number) | Delivery Mode (number) | C-section indication | Severe type or special Cases |
| Chen et al. (a) | 9 | not reported | postpartum fever (6), myalgia (3), malaise (2), cough (4), dyspnea (1), sore throat (2), diarrhea (1) | influenza (1), gestational hypertension (1), preeclampsia (1), fetal distress (2), PROM (2) | c-section (9) | severely elevated ALT or AST (1), COVID-19 pneumonia (9), history of C-section (1), preeclampsia (1), fetal distress (2), history of stillbirth (1), PROM(2) | none |
| Chen et al. (b) | 3 | case 1: fever and cough; case 2: fatigue, cough, fever and chest distress; case 3: fever | fever, rigor and myalgia (3), diarrhea, nausea and vomiting (1), chest distress and anhelation(1) | none | case 1: induced abortion; case 2: still pregnant when reported; case 3: c-section | case 3: abnormal fetal heart rate monitoring, irregular contractions with mild tenderness of the lower uterine scar | case 2: severe type |
| Chen et al. (c) | 3 | not reported | post-partum fever (3), prenatal fever and chest distress (1) | preterm labor (1), cholecystitis (1) | c-section | total placenta previa (2), placental abruption (1), cholecystitis (1), scarred uterus(1) | none |
| Dong et al. | 1 | not reported | nasal congestion, progressed respiratory difficulty | not reported | c-section | not reported | there was elevated IgM in the neonate in a blood sample drawn 2 hours after birth |
| Lei et al. | 9 | not reported | fever (9), cough (7), diarrhea (5), anhelation (4), myalgia (4), fatigue (4), stuffy nose (3), sore throat (3), chest pain (3), headache or dizziness (3), rashes (2), dyspnea (2) | oligohydramnios (1), PROM and preterm labor (1) | vaginal delivery (1), c-section (3), still pregnant when reported (4), abortion (1) | not reported | none |
| Li et al. (a) | 1 | fever, cough | fever, cough, dyspnea | not reported | c-section | not reported | the mother was suspected with COVID-19 infection before delivery and was diagnosed at day 2 of delivery and developed acute severe hypoxemia. |
| Li et al. (b) | 1 | a 2-day history of dry cough without fever, chills, or shortness of breath | fever, cough | none | c-section | not reported | none |
| Liu et al. (a) | 13 | not reported | fever and fatigue (10), dyspnea (3) | preterm labor (1), stillbirth (1) | c-section (10), still pregnant when reported (3) | fetal distress (3), PROM (1), stillbirth (1) | one got deteriorated during hospitalization, was then in ICU with MODS, ARDS, AHF, acute hepatic failure, acute renal failure and septic shock |
| Liu et al. (b) | 15 | fever (13), cough (9) | postpartum fever (1), sore throat (1), dyspnea (1), myalgia (3), fatigue (4) | none | c-section (10), vaginal delivery (1), still pregnant (4) | not reported | not reported |
| Wang et al. | 1 | fever | not reported | preterm labor | still pregnant when reported | the patient had disappeared fetal movement and no variability of fetal heart rate monitoring, and no improvement was made on maximal ventilator support for four hours | admitted to ICU |
| Yao et al. | 1 | no symptoms | no symptoms | not reported | c-section | threatened labor | none |
| Yu et al. | 23 | fever (13), cough (6), diarrhea (2), anhelation (1) | post-partum fever and cough (2) | gestational hypertension (4), GDM (1), uterine scar (7) | vaginal delivery (5), c-section (18) | not reported | severe type with acute liver function impairment (2) |
| Zeng et al. | 6 | not reported | not reported | not reported | c-section | not reported | not reported |
| Zhang et al. | 16 | not reported | not reported | severe preeclampsia (1), GDM (3), uterine scar (2), PROM (3), meconium-staining amniotic fluid (1), fetal distress (1), preterm labor (3), neonate asphyxia (1) | c-section | fetal distress (1), social-psychological factors (1) | severe type (1) |
| Zhao et al. | 1 | fatigue, cough | fever, rigor, chilly,  chest distress, and anhelation | none | still pregnant when reported | - | none |
| Zhou et al. | 1 | no symptoms | no symptoms | none | c-section | not reported | none |
| Zhu et al. | 9 | most patients had fever and cough;  one had diarrhea | not reported | preterm labor (6), thrombocytopenia complicated with abnormal liver function (2), intrauterine distress (6), PROM (3), abnormal amniotic fluid (2), abnormal umbilical cord (2), and abnormal placenta (placenta previa) (1) | vaginal delivery (2), c-section (7) | not reported | none |
| Zhuang et al. | 1 | cough | not reported | none | c-section | no variability of fetal heart monitoring and abnormal liver function | none |

PROM: premature rupture of membrane; GDM: gestational diabetes mellitus; MODS: multiple organ dysfunction syndrome; ARDS: acute respiratory distress syndrome; AHF: acute heart failure; ALT: alanine transaminase; AST: aspartate transaminase