

Date of breast milk collection	Feb 29	ND	ND	Feb 28	Mar 2	ND	ND	ND	ND	ND	ND	ND	ND
Results of the patient's throat swab for viral nucleic acid on the day of breast milk collection ^c	Negative	NP	NP	Positive	NK	NP	NP	NP	NP	NP	NP	NP	NP
Date of stool specimen collection	ND	ND	ND	Mar 5	Mar 5	Mar 8	Mar 8	Mar 5	ND	Mar 8	Mar 8	Mar 8	Mar 8
Results of the patient's throat swab for viral nuclei acid on the day of stool specimen collection ^c	NP	NP	NP	NK	Negative	Positive	NK	NK	NP	Negative	Negative	Positive	Positive

NK=Not known; ND=Not Done; NA=Not applicable

^cNormally, testing of patients' throat swabs for viral nucleic acid and sample collection were not performed on the same day. If the viral nucleic acid testing of throat swabs was positive after the patient sample collection date, we considered the test to be "positive" on the day of sample collection. If the most recent viral nucleic acid testing before and after the day of sample collection was negative, we considered the test on the day of sample collection to be "negative". If the latest viral nucleic acid test of throat swabs was positive before the day of sample collection, and the subsequent throat swab test was negative, we did not know (NK) the throat swab testing result on the day of sample collection.

Table S2. Date of neonatal sample collection

	Patient 1	Patient 2	Patient 3	Patient 4	Patient 5
Date of birth	Feb 2	Feb 3	Feb 14	Feb 22	Mar 1
Results from the maternal throat swab for viral nucleic acid on the day of delivery*	Positive	Positive	Positive	Positive	Positive
Date of neonatal throat swab collection (the first time)	Feb 3	Feb 4	Feb15	Feb 23	Mar 2
Date of neonatal anal swab collection (the first time)	Feb 3	Feb 4	Feb15	Feb 23	Mar 2
Date of neonatal throat swab collection (the second time)	Feb 5	Feb 6	Feb 17	Feb 25	Mar 4
Date of neonatal anal swab collection (the second time)	Feb 5	Feb 6	Feb 17	Feb 25	Mar 4

Table S3. Samples of clinical and laboratory characteristics

	Patient 1	Patient 2	Patient 3	Patient 4	Patient 5	Patient 6	Patient 7	Patient 8	Patient 9	Patient 10	Patient 11	Patient 12	Patient 13	n (%)
Clinical characteristics														
Date of onset	Jan 22	Feb 3	NK	Jan 28	Mar 1	Mar 2	Jan 26	Feb 4	Jan 25	Feb 20	Jan 31	Feb 5	Feb 18	-
Date of admission	Feb 1	Feb 3	Feb 14	Feb 2	Mar 1	Mar 4	Feb 9	Feb9	Feb 5	Feb 23	Feb 15	Feb 13	Feb 25	-
Onset to admission (days)	10	0	NK	5	0	2	14	5	11	3	15	8	7	-
Age (years)	29	26	29	28	27	31	40	36	28	27	29	32	35	-
Height (cm)	163	165	163	155	162	169	155	155	172	172	167	155	156	-
Weight (Kg)	70	48	60	55	51	54	49	53	67.5	65	65	57	55	-
BMI	26.3	17.6	22.6	22.9	19.4	18.9	20.4	22.1	22.8	22.0	19.7	23.7	22.6	-
Gravidity	2	1	2	1	2	3	4	2	2	1	1	1	2	-
Parity	1	1	2	1	1	1	2	1	0	0	0	1	1	-

Miscarriage history	Yes	No	No	No	Yes	Yes	Yes	No	Yes	No	No	No	No	5 (38%)
Health care worker	No	No	No	No	No	No	No	No	No	No	No	No	No	0
Gestational age upon admission	35 ⁺⁵ weeks	35 ⁺⁵ weeks	38 ⁺⁴ weeks	35 weeks	38 ⁺² weeks	32 ⁺⁴ weeks	8 ⁺⁵ weeks	16 ⁺¹ weeks	6 ⁺³ weeks	11 ⁺⁵ weeks	18 weeks	5 ⁺¹ weeks	9 ⁺³ weeks	-
Gestational weeks at diagnosis of COVID-19	35 ⁺⁵ weeks	35 ⁺⁶ weeks	38 ⁺⁴ weeks	35 ⁺⁴ weeks	38 ⁺² weeks	32 ⁺² weeks	8 ⁺² weeks	15 ⁺⁶ weeks	5 ⁺³ weeks	11 ⁺² weeks	17 weeks	4 ⁺² weeks	9 weeks	-
Epidemiology history	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	13 (100%)
	(Exposure to relevant environment) ^a	(Exposure to relevant environment)	(Exposure to relevant environment)	(Contact with infected person)	(Exposure to relevant environment)	(Exposure to relevant environment)	(Exposure to relevant environment)	(Exposure to relevant environment)	(Exposure to relevant environment)	(Contact with infected person)	(Exposure to relevant environment)	(Exposure to relevant environment)	(Exposure to relevant environment)	
Complications	None	None	None	Thrombocytopenia	PROM	None	None	None	None	None	Chronic nephritis	None	None	3 (23%)

Patient condition	Mild	Mild	Mild	Mild	Mild	Mild	Mild	Mild	Mild	Mild	Mild	Mild	Mild	-
Signs and symptoms														
Fever	Yes	No	No	Yes	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	8 (62%)
Post-partum fever	No	No	No	No	No	No	No	No	No	No	No	No	No	0
Myalgia	No	No	No	No	No	No	No	No	No	No	No	Yes	No	1 (8%)
Malaise	No	No	No	No	No	No	No	No	No	No	No	No	No	0
Rigor	No	No	No	No	No	No	No	No	No	No	No	No	No	0
Cough	Yes	No	No	No	No	No	Yes	Yes	Yes	No	No	No	Yes	5(38%)
Dyspnea	Yes	No	No	No	No	No	No	No	No	No	No	No	No	1 (8%)
Sore throat	No	No	No	No	No	No	No	No	No	No	No	No	No	0
Diarrhea	Yes	No	No	No	No	No	No	No	No	No	No	No	No	1 (8%)
Chest pain	No	No	No	No	No	No	No	No	No	No	No	No	No	0
Laboratory characteristics														

(Before delivery)

White blood cell count

($\times 10^9$ cells/L)

4.28 8.59 17.37 8.03 12.09 6.27 4.98 4.58 3.95 7.43 11.00 5.59 10.20

-

Low or normal leukocyte

count ($< 9.5 \times 10^9$ cells/L)

Yes Yes No Yes No Yes Yes Yes Yes Yes Yes Yes No

10

(77%)

Lymphocyte count ($\times 10^9$

cells/L)

1.01 0.89 1.61 1.08 1.06 1.07 1.51 0.88 1.41 1.93 2.11 1.09 1.88

-

Lymphopenia ($< 10^9$ cells/L)

No Yes No No No No No Yes No No No No No

2 (15%)

C-reactive protein

concentration (mg/L)

53.2 38.5 < 5.0 57.0 < 5.0 < 5.0 < 5.0 66.1 < 5.0 < 5.0 < 5.0 < 5.0 83.2

-

Elevated C-reactive protein

(> 10 mg/L)

Yes Yes No Yes No No No Yes No No No No Yes

5 (38%)

Elevated ALT (> 45 U/L) or

No No No Yes No No No No No Yes No No No Yes

3 (23%)

AST (>35 U/L)

ALT (U/L) 13 12 15 40 6 9 29 11 115 20 9 31 54 -

AST (U/L) 26 23 19 38 13 14 24 23 80 13 15 24 32 -

Diagnostic method RT-PCR RT-PCR RT-PCR RT-PCR RT-PCR RT-PCR RT-PCR RT-PCR RT-PCR RT-PCR RT-PCR RT-PCR RT-PCR -

Typical signs of viral

infection (CT evidence of pneumonia) Yes Yes Yes Yes No ND Yes Yes ND Yes ND Yes No -

Detection of SARS-CoV-2 in

vaginal secretions Negative Negative Negative Negative Negative Negative Negative Negative Negative Negative Negative Negative Negative Negative 0

Detection of SARS-CoV-2 in

maternal stool specimens ND ND ND Negative Negative Negative Negative Negative ND Negative Negative Positive Negative -

Treatment

Oxygen support (nasal Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes 13

cannula)

(100%)

Antiviral therapy

Oseltamivir, Oseltamivir

arbidole, , arbidole, Oseltamivir

ribavirin, ribavirin, Arbidole , arbidole, Arbidole Arbidole Arbidole Arbidole Oseltamivir Arbidole Arbidole Oseltamivir Oseltamivir 13

hydroxychlor hydroxychl ribavirin , arbidole (100%)

oquine oroquine

Antibiotic therapy

No No No No ne and No Cefoperazo ne and Cefoperazo ne and Cefoperazo ne and Cefoperazo ne and Cefoperazo 8 (62%)

Azithromyci

Cefoperazo

n,

ne and

Cefoperazo

tazobactam

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moxifloxaci

n

,

n

cefaclor

Cefoperazo

ne and

Cefoperazo

tazobactam

,

azithromyci

n

Use of corticosteroid	Methylpredn isolone	No	No	Methylpred nisolone	No	No	Methylpred nisolone	No	No	No	No	No	No	3 (23%)
Pregnancy outcomes	Live birth	Live birth	Live birth	Live birth	Live birth	In pregnancy	In pregnancy	In pregnancy	In pregnancy	In pregnancy	In pregnancy	Chemical pregnancy	In pregnancy	-
Current situation	Cured	Cured	Cured	Cured	Cured	Cured	Cured	Cured	Cured	Cured	Cured	Cured	Cured	-

NK=Not known; ND=Not Done; ALT=alanine transaminase; AST=aspartate transaminase; BMI=Body mass index; CT=Computed tomography; PROM=Premature rupture of membrane. ^aExposure to relevant environment: Due to the outbreak in Wuhan, and these women live in Wuhan. Therefore, although there was no clear history of contact with COVID-19 patients, they were still considered to have a risk of infection.

Table S4. Neonatal outcomes

	Patient 1	Patient 2	Patient 3	Patient 4	Patient 5	n (%)
Birth weight (g)	2830	2300	2650	3120	3910	-
Low birth weight (<2500 g)	No	Yes	No	No	No	1 (20%)
Premature delivery	Yes	Yes	No	No	No	2 (40%)
Small for gestational age (<10 th %ile)	No	No	No	No	No	0
Appropriate for gestational age	Yes	Yes	Yes	Yes	No	4 (80%)
Large for gestational age (>90 th %ile)	No	No	No	No	Yes	1 (20%)
Apgar score (1 min, 5 min)	9, 10	9, 10	7, 9	9, 10	9, 10	-
Neonatal asphyxia	No	No	Yes	No	No	1 (20%)
Neonatal death	No	No	No	No	No	0
Fetal death or stillbirth	No	No	No	No	No	0
Detection of SARS-CoV-2 in neonate	Negative	Negative	Negative	Negative	Negative	0

(throat swab, the first day after delivery)						
Detection of SARS-CoV-2 in neonate	Negative	Negative	Negative	Negative	ND	-
(anal swab, the first day after delivery)						
Detection of SARS-CoV-2 in neonate (throat swab, the	Negative	Negative	Negative	Negative	ND	-
third day after delivery)						
Detection of SARS-CoV-2 in neonate (anal swab, the	Negative	Negative	Negative	Negative	ND	-
third day after delivery)						
Imaging results (days after birth)	Pneumoni a	Pneumoni a	Increase of lung markings	Suspected pneumoni a	ND	-

ND=Not done.