

Supplemental Information

SUPPLEMENTAL TABLE 3 Maternal Demographics, Laboratory Indices and Support Required During Hospitalization

	Available Data	Value
Racial and ethnic distribution, <i>n</i> (%)	149	
White, non-Hispanic	—	68 (46)
Hispanic or Latino	—	43 (29)
Black, non-Hispanic	—	12 (8)
Asian American, non-Hispanic	—	6 (4)
Other, mixed, or unknown	—	20 (13)
Delivery hospital, <i>n</i> (%)	149	
NYU Winthrop Hospital	—	58 (39)
NYU Tisch Hospital	—	47 (32)
NYU Brooklyn Hospital	—	23 (15)
Bellevue Hospital Center	—	21 (14)
Timing of COVID-19 test from the day of delivery, <i>n</i> (%)	149	
<48 h before delivery	—	130 (87)
48 h to <7 d before delivery	—	9 (6)
≥7 to <14 d before delivery	—	4 (3)
≥14 d before delivery	—	6 (4)
GA at the time of COVID-19 testing, <i>n</i> (%)	149	
<34 wk	—	7 (5)
34 0/7–36 6/7 wk	—	16 (11)
≥37 wk	—	126 (85)
Maternal laboratory indices, mean ± SD		
White blood cell count, ×10 ³ /μL (ref: 5–15)	149	9.3±3.3
Hemoglobin, mg/dL (ref: 9.5–15)	149	11.8±1.4
Platelets, ×10 ³ /μL (ref: 150–450)	147	215±85
Blood urea nitrogen, mg/dL (ref: 3–13)	61	8±3
Creatinine, mg/dL (ref: 0.4–0.9)	61	0.6±0.1
C-reactive protein, mg/dL (ref: <20)	23	76±68
Procalcitonin, ng/mL (ref: 0.01–0.1)	13	0.28±0.25
Interleukin-6, pg/mL (ref: ≤1.8)	11	12.4±8.4
Ferritin, ng/mL (ref: 5–130)	20	89±125
Lactate dehydrogenase, IU/L (ref: 80–450)	39	259±118
Troponins, ng/dL (ref: <0.04)	12	0.015±0.004
Creatine phosphokinase, mg/dL (ref: 13–101)	9	215±217
Aspartate aminotransferase, U/L (ref: <40)	49	37±31
Alanine aminotransferase, U/L (ref: <40)	49	30±39
D-dimer, ng/mL (ref: 100–1500)	19	1578±1996
Prothrombin time, s (ref: 10–13)	18	10.6±0.7
Partial thromboplastin time, s (ref: 24–38)	18	30.1±4.3
International normalized ratio (ref: 0.8–1.2)	18	0.9±0.1
Fibrinogen, mg/dL (ref: 250–550)	18	462±149
Maternal vital signs at presentation, mean ± SD	149	
Heart rate, beats per min	—	91±17
Temperature, °C	—	36.78±.61
Oxygen saturation, %	—	97±2
Systolic blood pressure, mm Hg	—	121±14
Diastolic blood pressure, mm Hg	—	73±10
Maternal highest respiratory support, <i>n</i> (%) ^a	89	
Any respiratory support	—	13 (15)
Nasal cannula	—	5 (6)
High flow nasal cannula	—	1 (1)
Mechanical ventilation	—	7 (8)
Medications for COVID-19, <i>n</i> (%) ^a	89	
Hydroxychloroquine only	—	4 (4)
Hydroxychloroquine and azithromycin	—	4 (4)
Hydroxychloroquine, azithromycin, and remdesivir	—	1 (1)

ref, reference range during pregnancy, values may differ based on trimester; —, not applicable.

^a Denominator for these variables (maternal highest respiratory support and medications for COVID-19) include symptomatic mothers only (*n* = 89). Percentages may not total 100 because of rounding.

SUPPLEMENTAL TABLE 4 Additional Maternal Characteristics

	All Mothers (n = 149)	Asymptomatic Mothers (n = 60)	Symptomatic Mothers (n = 89)	P
Maternal age ≥ 35 y ^a	50/149 (34)	17/60 (28)	33/89 (37)	.27
Gravida ^b	3 (2–5)	3 (1–4)	3 (2–5)	.06
Parity ^b	2 (1–3)	1 (0–2)	2 (1–4)	.01
Nulliparous ^a	34/149 (23)	16/60 (27)	18/89 (20)	.36
Parous ^a	115/149 (77)	44/60 (73)	71/89 (80)	.36
No. newborns ^a				.63
Singleton	143/149 (96)	57/60 (95)	86/89 (97)	—
Twins	3/149 (2)	1/60 (2)	2/89 (2)	—
Stillbirths	3/149 (2)	2/60 (3)	1/89 (1)	—
Mode of delivery ^a				
Spontaneous vaginal	108/149 (72)	47/60 (78)	61/89 (69)	.19
Cesarean delivery	36/149 (24)	13/60 (22)	23/89 (26)	.56
Vaginal birth after cesarean	5/149 (3)	0/60 (0)	5/89 (6)	.08
Vacuum- or forceps-assisted vaginal	0/149 (0)	0/60 (0)	0/89 (0)	—
Maternal GBS status ^a				.31
Positive	24/149 (16)	9/60 (15)	15/89 (17)	—
Unknown	28/149 (19)	8/60 (13)	20/89 (22)	—
Negative	97/149 (65)	43/60 (72)	54/89 (61)	—
Other maternal medications ^a				
Synthroid	13/149 (9)	2/60 (3)	11/89 (12)	.08
Insulin	4/149 (3)	2/60 (3)	2/89 (2)	.99
Metformin	2/149 (1)	0/60 (0)	2/89 (2)	.52
Labetalol	4/149 (3)	2/60 (3)	2/89 (2)	.99
Enoxaparin	25/149 (17)	8/60 (13)	17/89 (19)	.36
Sick contacts ^a				.001
None	104/141 (74)	47/52 (90)	52/83 (63)	—
Confirmed COVID-19	10/141 (7)	2/52 (4)	8/83 (10)	—
COVID-19 like symptoms, not tested	27/141 (19)	3/52 (6)	23/83 (28)	—

Percentages are rounded off to the closest number and may not total 100. GBS, *Group B Streptococcus*; —, not applicable.

^a Expressed as n/number of patients with available data for the variable (%); different denominator for some variables due to missing data points.

^b Expressed as median (interquartile range).

SUPPLEMENTAL TABLE 5 Additional Neonatal Characteristics

	All Live Born Neonates (n = 149)	Neonates Born to Asymptomatic Mothers (n = 59)	Neonates Born to Symptomatic Mothers (n = 90)	P
Males ^a	72/149 (48)	29/59 (49)	43/90 (48)	.87
GA at delivery, wk ^a				
<28 0/7	3/149 (2)	0/59 (0)	3/90 (3)	.28
28 0/7–33 6/7	2/149 (1)	0/59 (0)	2/90 (3)	.52
34 0/7–36 6/7	10/149 (7)	0/59 (0)	10/90 (11)	.006
37 0/7–38 6/7	47/149 (32)	18/59 (31)	29/90 (32)	.83
≥39 0/7	87/149 (58)	41/59 (69)	46/90 (51)	.02
Apgar scores ^b				
1-min	9 (8–9)	9 (8–9)	9 (9–9)	.99
5-min	9 (9–9)	9 (9–9)	9 (9–9)	.99
Anthropometric measurements at birth ^c				
Weight, g	3198±618	3236±491	3172±690	.54
Length, in	19.8±1.4	20.0±1.0	19.6±1.5	.07
Head circumference, cm	33.5±2.1	33.6±1.6	33.4±2.4	.65
Size for GA ^a				.40
Small for GA	15/149 (10)	8/59 (14)	7/90 (8)	
Appropriate for GA	126/149 (85)	47/59 (80)	79/90 (88)	
Large for GA	8/149 (5)	4/59 (7)	4/90 (4)	
Cord blood gas (arterial or venous) ^c				
pH	7.28±0.1	7.27±0.1	7.29±0.1	.18
Base deficit	4.3±3.0	4.9±3.2	3.9±2.8	.07
Need for more than routine resuscitation at birth ^a	15/149 (10)	2/59 (3)	13/90 (14)	.04
Continuous positive airway pressure or positive pressure ventilation via facemask	12/149 (8)	2/59 (53)	10/90 (11)	.13
Endotracheal intubation	3/149 (2)	0/59 (0)	3/90 (3)	.28
Chest compressions	1/149 (1)	0/59 (0)	1/90 (1)	.99
Intravenous epinephrine	1/149 (1)	0/59 (0)	1/90 (1)	.99
First vital signs after admission to well-baby nursery or the NICU ^c				
Temperature, °C	36.9±0.44	36.9±0.39	36.9±0.44	.82
Heart rate, beats per min	143±13	142±11	143±15	.69
Respiratory rate, per min	49±8	49±7	48±8	.32
Oxygen saturation, %	98±2	98±2	98±3	.67
Infant isolation status after birth ^a				
Separated from mother immediately after birth	98/148 (66)	28/59 (47)	70/89 (79)	<.01
Direct contact with 6 ft separation and isolation precautions	39/148 (26)	25/59 (42)	14/89 (16)	<.01
Direct contact throughout hospital stay with isolation precautions	11/148 (7)	6/59 (10)	5/89 (6)	.35

Percentages are rounded off to the closest number and may not total 100.

^a Expressed as n/number of patients with available data for the variable (%); different denominator for some variables due to missing data points.

^b Expressed as median (interquartile range).

^c Expressed as mean ± SD.