

Appendix 1. Illness Severity and Perinatal Outcomes Dependent on Vaccination Status						
	Omicron Vaccinated (n=61)	Omicron Unvaccinated (n=163)	P-value	Delta Unvaccinated (n=152)	P-value (comparing omicron vaccinated to delta unvaccinated)	P-value (comparing omicron unvaccinated to delta unvaccinated)
Disease severity			0.042		<0.001	<0.001
Asymptomatic	22 (36.1)	86 (52.8)		31 (20.4)		
Mild-Moderate	37 (60.7)	75 (46.0)		83 (54.6)		
Severe-Critical	2 (3.3)	2 (1.2)		38 (25.0)		
Received pharmacologic treatment ²	4 (6.6)	2 (1.2)	0.048	50 (32.9)	<0.001	<0.001
Required respiratory support ³	3 (4.9)	2 (1.2)	0.13	42 (27.8)	<0.001	<0.001
Intubation	0 (0.0)	1 (0.6)	>0.99	21 (13.8)	0.002	<0.001
ECMO	0 (0.0)	0 (0.0)	-	4 (2.6)	0.58	0.05
VTE	0 (0.0)	0 (0.0)	-	7 (4.6)	0.20	0.006
Maternal death	0 (0.0)	0 (0.0)	-	3 (2.0)	0.56	0.11
Patients who required delivery	(n=12)	(n=65)		(n=57)		
Cesarean birth	6 (50.0)	20 (30.8)	0.21	28 (49.1)	0.96	0.038
Indication for cesarean: worsening maternal status	0 (0.0)	1 (5.0)	>0.99	14 (50.0)	0.031	<0.001
Preterm birth < 37 weeks	1 (8.3)	16 (24.6)	0.28	34 (59.7)	0.001	<0.001
Delivery GA (weeks)	38.2 ± 1.2	36.1 ± 5.2	0.007	33.6 ± 5.6	<0.001	0.011
NICU admission	3 (25.0)	22 (35.5)	0.74	31 (58.5)	0.036	0.014
Delivery complications						
Preeclampsia	3 (25.0)	16 (24.6)	>0.99	13 (23.6)	>0.99	0.90
Abruptio	0 (0.0)	0 (0.0)	-	1 (1.8)	>0.99	0.46
PPH	2 (16.7)	2 (3.1)	0.11	7 (12.7)	0.66	0.08
Transfusion	2 (16.7)	4 (6.2)	0.23	10 (18.2)	>0.99	0.041
Stillbirth	0 (0.0)	2 (3.1)	>0.99	2 (3.5)	>0.99	>0.99
Neonatal positive SARS-CoV-2 test ⁴	0 (0.0)	0 (0.0)	-	1 (2.0)	>0.99	0.45

¹Disease severity based on the NIH guidelines and categorized by the Metz study
²Treatment includes azithromycin, cephalosporins, remdesivir, dexamethasone or convalescent plasma
³Respiratory support included any form of supplemental oxygen (nasal cannula, high flow, bipap, and intubation)
⁴Positive neonatal SARS-CoV-2 test within 48 hours of deliver
ECMO=extracorporeal membrane oxygenation, ICU=intensive care unit, VTE=venous thromboembolism, GA=gestational age, PPH=postpartum hemorrhage, NICU=neonatal intensive care unit

Seasely AR, Blanchard CT, Arora N, Battarbee AN, Casey BN, Dionne-Odom J, et al. Maternal and perinatal outcomes associated with the omicron variant of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection. *Obstet Gynecol* 2022;140. The authors provided this information as a supplement to their article.
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