

Table 9. Abnormal Vital Sign Combination Thresholds and Risk for Maternal Morbidity

	Restrictive Blood Pressure/Oxygen Saturation Criteria					Liberal Blood Pressure/Oxygen Saturation Criteria					P Value
Combination #	1	2	3	4	5	6	7	8	9	10	
Any Morbidity N = 2,451	233 (9.5)	180 (7.3)	130 (5.3)	82 (3.3)	53 (2.2)	691 (28.2)	500 (20.4)	314 (12.8)	184 (7.5)	119 (4.9)	< 0.01
No Morbidity N = 12,146	545 (4.5)	371 (3.1)	214 (1.8)	123 (1.0)	85 (0.7)	1,692 (13.9)	1,107 (9.1)	638 (5.3)	379 (3.1)	246 (2.0)	
Hemorrhage N = 980	87 (8.9)	70 (7.1)	54 (5.5)	33 (3.4)	25 (2.6)	262 (26.7)	182 (19.6)	123 (12.6)	72 (7.3)	41 (4.2)	0.04
No Hemorrhage N = 13,617	691 (5.1)	481 (3.5)	290 (2.1)	172 (1.3)	113 (0.8)	2,121 (15.6)	1,425 (10.5)	829 (6.1)	491 (3.6)	324 (2.4)	
Infection N = 1,337	149 (11.1)	119 (8.9)	90 (6.7)	57 (4.3)	37 (2.8)	432 (32.3)	321 (24.0)	205 (15.3)	117 (8.8)	79 (5.9)	< 0.01

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No Infection N = 13,260	629 (4.7)	432 (3.3)	254 (1.9))	148 (1.1))	101 (0.8))	1,951 (14.7))	1,286 (9.7)	747 (5.6)	446 (3.4)	286 (2.2))	
Acute Cardiovascular Disease N = 362	41 (11.3))	34 (9.4)	25 (6.9))	21 (5.8))	14 (3.9))	125 (34.5))	101 (27.9))	67 (18.5))	53 (14.6))	34 (9.4))	< 0.01
No Acute Cardiovascular Disease N = 14,235	737 (5.2)	517 (3.6)	319 (2.2))	184 (1.3))	124 (0.9))	2,258 (15.9))	1,506 (10.6))	885 (6.2)	510 (3.6)	331 (2.3))	
Acute Respiratory Disease N = 275	45 (16.4))	36 (13.1))	24 (8.7))	19 (6.9))	14 (5.1))	107 (38.9))	77 (28.0))	44 (16.0))	31 (11.3))	18 (6.5))	< 0.01
Acute Respiratory Disease N = 14,322	733 (5.1)	515 (3.6)	320 (2.2))	186 (1.3))	124 (0.9))	2,276 (15.9))	1,530 (10.7))	908 (6.3)	532 (3.7)	347 (2.4))	

