*Supplemental Table 2 – Hospital outcomes according to preoperative anemia status and sex**

	Males				Females			
	None (N=1534)	*Mild (N=719)*	*Moderate/ Severe (N=77)*	*P-value*	*None (N=1349)*	*Mild (N=373)*	*Moderate/ Severe (N=65)*	*P-value*
Acute kidney injury (AKI)	179 (11.7%)	148 (20.6%)	17 (22.1%)	<.001	39 (2.9%)	40 (10.7%)	14 (21.5%)	<.001
AKI stage				<.001				<.001
None	1355 (88.3%)	571 (79.4%)	60 (77.9%)		1310 (97.1%)	333 (89.3%)	51 (78.5%)	
1	130 (8.5%)	94 (13.1%)	7 (9.1%)		29 (2.1%)	25 (6.7%)	8 (12.3%)	
2	38 (2.5%)	35 (4.9%)	6 (7.8%)		8 (0.6%)	9 (2.4%)	2 (3.1%)	
3	11 (0.7%)	19 (2.6%)	4 (5.2%)		2 (0.1%)	6 (1.6%)	4 (6.2%)	
Any perioperative RBCs	473 (31%)	517 (72%)	77 (100%)	<.001	693 (51%)	332 (89%)	61 (94%)	<.001
Return to OR	240 (15.6%)	120 (16.7%)	13 (16.9%)	0.802	197 (14.6%)	85 (22.8%)	14 (21.5%)	<.001
Vascular complications†	63 (4.1%)	44 (6.1%)	6 (7.8%)	0.055	36 (2.7%)	15 (4.0%)	2 (3.1%)	0.394
ICU length of stay, days	1.0 (0.9, 1.3)	1.1 (0.9, 2.0)	1.1 (1.0, 2.0)	<.001	1.1 (0.9, 1.9)	1.1 (1.0, 2.0)	1.1 (1.0, 3.0)	0.003
Hospital length of stay, days	5.8 (4.8, 6.8)	6.7 (5.7, 7.9)	6.5 (5.5, 8.0)	<.001	6.3 (5.6, 7.7)	6.8 (5.7, 8.6)	7.7 (5.8, 13.0)	<.001
Hospital mortality	3 (0.20%)	2 (0.28%)	0 (0%)	0.849	1 (0.07%)	2 (0.54%)	0 (0%)	0.147
Hospital readmit within 30 days	95 (6.2%)	52 (7.2%)	8 (10.4%)	0.267	84 (6.2%)	34 (9.1%)	8 (12.3%)	0.038
Estimated blood loss, mL	1000 (710, 1350)	952 (612, 1304)	1000 (728, 1400)	0.018	905 (624, 1200)	900 (571, 1232)	1033 (718, 1626)	0.033

* Values are number (percent) and median (Q1, Q3) for categorical variables and continuous variables respectively.   Less than 1% of patients were missing estimated blood loss.   P-values are from Kruskal-Wallis tests for continuous outcomes and Pearson chi-square tests for categorical outcomes.

† Vascular complications included myocardial infarction, pulmonary embolism, and stroke.