

ESM 2. Table. Multivariable logistic regression of risk factors for 30-day readmission, overall and by AAA procedure type.

	Overall (N = 355)		EVAR (n = 203)		Open (n = 152)	
	OR (95 % CI)	p-value	OR (95 % CI)	p-value	OR (95 % CI)	p-value
Propensity score	2.97 (0.97–9.10)	.06				
Procedure type–EVAR	0.71 (0.54–0.92)	.009				
Age in years	1.03 (1.01–1.05)	.005	1.02 (1.01–1.04)	.01	1.00 (0.99–1.02)	.61
Race (reference = Caucasian)						
African American	1.45 (0.98–2.13)	.06	1.30 (0.74–2.29)	.36	1.47 (0.85–2.54)	.17
Other or unknown	0.73 (0.41–1.31)	.28	0.98 (0.50–1.93)	.96	0.44 (0.13–1.45)	.17
Male gender	0.84 (0.66–1.07)	.14	0.75 (0.54–1.05)	.09	0.91 (0.64–1.30)	.60
Charlson Index	1.12 (1.04–1.21)	.002	1.20 (1.09–1.33)	.001	0.97 (0.85–1.11)	.69
<i>Acute/chronic Problems</i>						
Renal failure			1.64 (0.92–2.93)	.09		
Lipid metabolism			0.77 (0.56–1.04)	.09		
Chronic heart failure					2.18 (1.22–3.89)	.008
Tobacco-related disorder	0.80 (0.64–1.00)	.05				
<i>Other Complications</i>						
Surgical site infection	2.79 (1.25–6.22)	.01	5.62 (0.89–35.6)	.07	2.91 (1.17–7.28)	.02
Complications with procedure					1.66 (0.99–2.79)	.05
<i>Post-operative medications</i>						
Bronchodilators	1.34 (1.06–1.70)	.01	1.39 (1.03–1.88)	.03		
Statins	0.65 (0.52–0.82)	<.001	0.71 (0.53–0.96)	.02	0.55 (0.38–0.79)	.001
H2 blockers	0.76 (0.60–0.96)	.02				
Steroids	1.45 (1.04–2.02)	.03			1.92 (1.24–2.96)	.003
Vasodilators	0.78 (0.61–1.00)	.04	0.68 (0.48–0.95)	.02		
<i>Post-operative lab results</i>						
Serum potassium (ref = normal)						
High (> 5.2)	1.89 (1.16–3.06)	.01	2.19 (1.01–4.74)	.05		
Low (< 3.7)	0.97 (0.76–1.25)	.83	1.01 (0.74–1.40)	.93		

OR: odds ratio; CI: confidence interval; EVAR: endovascular aneurysm repair.