

Supplemental Table 1: Logistic regression model to predict the odds of reoperation

Independent Variables	Unadjusted Odds Ratio (95% CI)	p-value	Adjusted Odds Ratio (95% CI)	p-value
Age at OR	0.88 (0.81 – 0.95)	0.002	0.86 (0.77 – 0.95)	0.003
Number of Initial Medications	1.09 (0.87 – 1.38)	0.449	0.90 (0.68 – 1.19)	0.450
Aortic reconstruction				
None	Reference		reference	
Patch	0.46 (0.15 – 1.43)	0.178	0.11 (0.02 – 0.54)	0.007
bypass	0.74 (0.27 – 2.00)	0.550	0.27 (0.06 – 1.19)	0.084
NF1				
No	Reference		reference	
Yes	1.76 (0.73 – 4.27)	0.210	1.26 (0.43 – 3.68)	0.671
Abdominal Aortic Coarctation				
No	Reference		reference	
Yes	1.60 (0.76 – 3.39)	0.216	6.01 (1.70 – 21.24)	0.005
Had a prior intervention				
No	Reference		reference	
Yes	1.27 (0.58 – 2.80)	0.553	1.61 (0.60 – 4.31)	0.309

Supplemental Table 2: Ordinal Regression model to predict hypertension benefit

Independent Variables	Unadjusted Odds Ratio (95% CI)	p- value	Adjusted Odds Ratio (95% CI)	p- value
Age at OR	1.05 (1.00 – 1.11)	0.068	1.05 (0.98 – 1.12)	0.176
Number of Initial Medications	0.85 (0.71 – 1.02)	0.089	0.87 (0.71 – 1.06)	0.161
Aortic reconstruction				
None	Reference		reference	
Patch	0.65 (0.30 – 1.38)	0.261	0.86 (0.28 – 2.62)	0.795
bypass	0.60 (0.28 – 1.30)	0.194	0.53 (0.18 – 1.62)	0.271
NF1				
No	Reference		reference	
Yes	0.42 (0.20 – 0.91)	0.028	0.48 (0.21 – 1.08)	0.075
Abdominal Aortic Coarctation				
No	Reference		reference	
Yes	0.55 (0.31 – 1.00)	0.050	0.75 (0.28 – 1.97)	0.58
Had a prior intervention				
No	Reference		reference	
Yes	0.62 (0.33 – 1.16)	0.143	0.49 (0.25 – 0.98)	0.042

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