

Supplementary Table I (online only). Baseline clinical features considered in the propensity analysis

- Cardiac risk score of major adverse event^{a,b}
- Smoking history
- Hypertension
- Diabetes mellitus
- Prior lower extremity bypass
- Prior major amputation
- Prior vascular surgery
- Medications: aspirin, statin
- Geographic region
- Year of surgery

^aThese procedure-specific models were weighted upon indication, age, race, smoking status, diabetes mellitus, congestive heart failure (CHF), dialysis history, stress test status, history of amputation, clopidogrel use, need for transfusion, return to operating room.

^bIncludes any or all of postoperative myocardial infarction (POMI), dysrhythmia, CHF.

Supplementary Table II (online only). Infringuinal bypass

<i>Risk strata</i>	<i>No β-B, No. (%)</i>	<i>Pre-op β-B, No. (%)</i>	<i>OR (95% CI)</i>	<i>P value^a</i>
Low risk	1360	368		
POMI	4 (0.3)	3 (0.8)	2.8 (0.55-12.7)	.18
Dysrhythmia	17 (1.2)	12 (3.3)	2.7 (1.23-5.58)	.01
CHF	2 (0.1)	2 (0.5)	3.7 (0.44-31.0)	.19
Any MACE	21 (1.5)	14 (3.8)	2.5 (1.24-4.97)	.008
30-day death	3 (0.2)	0 (0)	Not estimable	1
Medium risk	936	377		
POMI	15 (1.6)	4 (1.1)	0.66 (0.19-1.83)	.46
Dysrhythmia	27 (2.9)	13 (3.4)	1.2 (0.60-2.31)	.59
CHF	5 (0.5)	1 (0.3)	0.50 (0.03-3.08)	.52
Any MACE	42 (4.5)	16 (4.2)	0.94 (0.51-1.67)	.85
30-day death	6 (0.6)	4 (1.1)	1.7 (0.42-5.85)	.43
High risk	664	321		
POMI	28 (4.2)	26 (8.1)	2.0 (1.15-3.48)	.01
Dysrhythmia	49 (7.4)	20 (6.2)	0.83 (0.48-1.41)	.51
CHF	33 (5.0)	14 (4.4)	0.87 (0.47-1.62)	.68
Any MACE	84 (12.7)	45 (14.0)	1.1 (0.76-1.65)	.55
30-day death	17 (2.6)	18 (5.6)	2.3 (1.14-4.48)	.02

β-B, β-blocker; *CHF*, congestive heart failure; *CI*, confidence interval; *MACE*, major adverse cardiac event; *OR*, odds ratio; *POMI*, postoperative myocardial infarction.

^aThe *P* value is the result of the χ^2 or Fisher exact test.

Supplementary Table III (online only). Aortofemoral bypass (AFB)

<i>Risk strata</i>	<i>No β-B, No. (%)</i>	<i>Pre-op β-B, No. (%)</i>	<i>OR (95% CI)</i>	<i>P value^a</i>
Low risk	249	76		
POMI	1 (0.4)	0 (0)	Not estimable	1
Dysrhythmia	9 (3.6)	3 (3.9)	1.1 (0.24-3.78)	.89
CHF	3 (1.2)	1 (1.3)	1.1 (0.05-8.68)	.94
Any MACE	11 (4.4)	4 (5.3)	1.2 (0.33-3.64)	.76
30-day death	1 (0.4)	0 (0)	Not estimable	1
Medium risk	211	66		
POMI	3 (1.4)	4 (5.7)	4.2 (0.91-21.8)	.07
Dysrhythmia	13 (6.2)	5 (7.1)	1.2 (0.36-3.24)	.77
CHF	2 (0.9)	3 (4.3)	4.67 (0.76-36.1)	.09
Any MACE	17 (8.1)	10 (14.3)	1.9 (0.80-4.31)	.13
30-day death	1 (0.5)	0 (0)	Not estimable	1
High risk	150	64		
POMI	8 (5.3)	6 (9.4)	1.8 (0.58-5.51)	.28
Dysrhythmia	16 (10.7)	13 (20.3)	2.1 (0.95-4.75)	.06
CHF	15 (10.0)	5 (7.8)	0.76 (0.24-2.07)	.62
Any MACE	30 (20.0)	19 (29.7)	1.7 (0.86-3.28)	.13
30-day death	8 (5.3)	1 (1.6)	0.28 (0.02-1.58)	.24

β-B, β-blocker; *CHF*, congestive heart failure; *CI*, confidence interval; *MACE*, major adverse cardiac event; *OR*, odds ratio; *POMI*, postoperative myocardial infarction.

^aThe *P* value is the result of the χ^2 or Fisher exact test.

Supplementary Table IV (online only). Open abdominal aortic aneurysm (OAAA) repair

<i>Risk strata</i>	<i>No β-B, No. (%)</i>	<i>Pre-op β-B, No. (%)</i>	<i>OR (95% CI)</i>	<i>P value^a</i>
Low risk	271	184		
POMI	2 (0.7)	0 (0)	Not estimable	.52
Dysrhythmia	11 (4.1)	8 (4.3)	1.1 (0.41-2.71)	.88
CHF	4 (1.5)	0 (0)	Not estimable	.15
Any MACE	16 (5.9)	8 (4.3)	0.72 (0.29-1.68)	.47
30-day death	0 (0)	0 (0)	Not estimable	1
Medium risk	222	156		
POMI	6 (2.7)	1 (0.6)	0.23 (0.01-1.38)	.18
Dysrhythmia	19 (8.6)	15 (9.6)	1.1 (0.55-2.30)	.72
CHF	5 (2.3)	4 (2.6)	1.1 (0.28-4.38)	.85
Any MACE	23 (10.4)	18 (11.5)	1.1 (0.58-2.16)	.72
30-day death	3 (1.4)	2 (1.3)	0.95 (0.12-5.79)	.95
High risk	223	137		
POMI	22 (9.9)	5 (3.6)	0.35 (0.11-0.87)	.04
Dysrhythmia	41 (18.4)	25 (18.2)	0.99 (0.57-1.71)	.97
CHF	7 (3.1)	7 (5.1)	1.7 (0.56-4.96)	.35
Any MACE	56 (25.1)	30 (21.9)	0.84 (0.50-1.38)	.49
30-day death	11 (4.9)	6 (4.4)	0.88 (0.29-2.38)	.81

β-B, β-blocker; *CHF*, congestive heart failure; *CI*, confidence interval; *MACE*, major adverse cardiac event; *OR*, odds ratio; *POMI*, postoperative myocardial infarction.

^aThe *P* value is the result of the χ^2 or Fisher exact test.