Tables in online Appendix

Table V: Independent preoperative predictors for in-hospital, post discharge and 30-day death

	In-hospital			Post discharge			30 – Day		
	OR	95% CI	P-value	OR	95% CI	P-value	OR	95% CI	P-value
Female	1.1	0.8 – 1.6	0.7	1.2	0.8 – 1.7	0.3	1.1	0.9 – 1.5	0.3
Age > 80 [a]	**2.5**	**1.5 – 4.2**	**<.001**	**2.4**	**1.5 – 3.8**	**<.001**	**2.4**	**1.7 – 3.5**	**<.001**
Hx of stroke/hemiplegia	**1.7**	**1.1 – 2.5**	**.01**	**1.7**	**1.2 – 2.5**	**<.01**	**1.7**	**1.3 – 2.2**	**<.001**
Hx of Angina/MI	**2.8**	**1.6 – 4.7**	**<.001**	1.1	0.5 – 2.2	0.8	**1.9**	**1.2 – 2.9**	**<.01**
Renal failure	**5.7**	**3.1 – 10.3**	**<.001**	**3.0**	**1.4 – 6.4**	**<.01**	**4.3**	**2.7 – 6.9**	**<.001**
Hx of CHF	1.7	0.8 – 3.6	0.2	2.0	0.9 – 4.5	0.1	**1.9**	**1.02 – 3.2**	**0.04**
Dyspneu	1.3	0.9 – 2.1	0.2	**1.7**	**1.1 – 2.5**	**<.01**	**1.5**	**1.2 – 2.0**	**<.01**
Hx of COPD	1.4	0.9 – 2.3	0.1	**2.5**	**1.6 – 3.7**	**<.001**	**1.9**	**1.4 – 2.6**	**<.001**
Hx of PVD	**1.9**	**1.1 – 3.0**	**.01**	1.8	1.2 – 2.8	.01	1.8	1.3 – 2.5	<.001
Functional status, dependent [b]	**3.6**	**2.4 – 5.6**	**<.001**	**2.0**	**1.2 – 3.3**	**<.01**	**2.8**	**2.0 – 3.8**	**<.001**
Emergency procedure	**5.4**	**3.0 – 9.5**	**<.001**	0.4	0.1 – 2.5	0.3	**2.9**	**1.7 – 4.8**	**<.001**
ASA class > 3	**2.8**	**1.8 – 4.1**	**<.0001**	**1.4**	**0.9 – 2.1**	**<.01**	**1.9**	**1.4 – 2.5**	**<.001**

OR, Odds Ratio, CI, Confidence Interval, Hx, history, MI, myocardial infarction, CHF, congestive heart failure,

COPD, chronic obstructive pulmonary disease, PVD, peripheral vascular disease, ASA, American Society of

Anesthesiology [a] vs. 60-70 yr [b] vs. independent

Table VI: Independent preoperative predictors for in-hospital, post discharge and 30-day cardiac events

	Inhospital			postdischarge			30 – Day		
	OR	95% CI	P-value	OR	95% CI	P-value	OR	95% CI	P-value
Female	1.1	0.8 – 1.4	0.5	0.9	0.6 – 1.4	0.7	1.0	0.8 – 1.3	0.7
Race non-white[a]	**1.6**	**1.1 – 2.4**	**0.01**	1.2	0.6 – 2.2	0.6	**1.5**	**1.1 – 2.1**	**0.02**
Age > 80[b]	**2.7**	**1.8 – 3.8**	**<.001**	**2.0**	**1.2 – 3.3**	**<.01**	**2.4**	**1.8 – 3.3**	**<.001**
Hx of stroke/hemiplegia	**1.5**	**1.1 – 2.0**	**<.01**	1.2	0.8 – 1.8	0.3	**1.4**	**1.1 – 1.8**	**<.01**
Hx of angina/MI	**3.4**	**2.3 – 5.0**	**<.001**	1.9	0.9 – 3.6	0.07	**2.8**	**2.0 – 4.0**	**<.001**
Diabetes	**1.7**	**1.3 – 2.3**	**<.001**	1.2	0.8 – 1.8	0.4	**1.5**	**1.2 – 1.9**	**<.001**
Renal failure	**2.1**	**1.1 – 4.1**	**0.03**	**2.7**	**1.2 – 6.4**	**0.02**	**2.3**	**1.3 – 3.9**	**<.01**
Dyspnea	**1.4**	**1.04 – 1.9**	**0.02**	**1.6**	**1.02 – 2.4**	**0.04**	**1.5**	**1.1 – 1.9**	**<.01**
Hx of PVD	**1.8**	**1.3 – 2.5**	**<.01**	1.6	0.97 – 2.7	0.07	**1.7**	**1.3 – 2.3**	**<.001**
ASA > 3	**1.6**	**1.2 – 2.2**	**<.01**	**2.2**	**1.4 – 3.3**	**<.001**	**1.8**	**1.4 – 2.3**	**<.001**
Emergency	**2.5**	**1.4 – 4.7**	**<.01**	0.9	0.2 – 3.7	0.9	**2.0**	**1.1 – 3.5**	**0.02**

Adjusted for gender. OR, Odds Ratio, CI, Confidence Interval, Hx, history, MI, myocardial infarction,

PVD, peripheral vascular disease, ASA, American Society of Anesthesiology [a] vs. white [b] vs. 60-70 yr

Table VII: Independent preoperative predictors for in-hospital, post discharge and 30-day stroke, death or cardiac events

	In-hospital			Post Discharge			30 – Day		
	OR	95% CI	P-value	OR	95% CI	P-value	OR	95% CI	P-value
Female	1.1	0.9 – 1.3	0.2	1.2	0.97 – 1.5	0.08	1.1	1.01 – 1.3	0.05
Age > 80[a]	1.7	1.3 – 2.1	<.001	1.6	1.2 – 2.1	<.01	1.6	1.4 – 2.0	<.001
Redo CEA	3.2	1.3 – 8.0	.02	1.2	0.2 – 8.5	0.9	2.4	1.04 – 5.7	0.04
Hx of stroke/hemiplegia	1.7	1.4 – 2.0	<.001	1.7	1.4 – 2.2	<.001	1.7	1.5 – 1.9	<.001
Hx of TIA	1.2	0.9 – 1.4	0.06	1.3	1.01 – 1.6	0.04	1.2	1.1 – 1.4	<.01
Diabetes	1.2	1.03 – 1.4	0.02	1.0	0.8 – 1.3	0.7	1.2	1.01 – 1.3	0.04
Hx of angina/MI	2.3	1.8 – 3.0	<.001	1.7	1.2 – 2.6	<.01	2.1	1.7 – 2.6	<.001
Renal failure	1.8	1.2 – 2.9	<.01	3.0	1.8 – 5.0	<.001	2.5	1.7 – 3.6	<.001
Hx of COPD	1.1	0.9 – 1.4	0.4	1.8	1.4 – 2.3	<.001	1.3	1.1 – 1.6	<.01
Hx of PVD	1.5	1.2 – 1.9	<.01	1.3	0.98 – 1.8	0.06	1.4	1.2 – 1.7	<.001
Functional status, dependent[b]	1.9	1.5 – 2.4	<.001	1.6	1.1 – 2.2	<.01	1.8	1.3 – 2.5	<.001
Emergency procedure	2.5	1.8 – 3.6	<.001	0.6	0.2 – 1.5	0.3	1.8	1.3 – 2.5	<.001
ASA class > 3	1.5	1.3 – 1.9	<.001	1.5	1.2 – 1.9	<.01	1.5	1.3 – 1.8	<.001

OR, Odds Ratio, CI, Confidence Interval, CEA, carotid endarterectomy, Hx, history, TIA, transient ischemic attack, MI, myocardial infarction, COPD, chronic obstructive pulmonary disease, PVD, peripheral vascular disease, ASA, American Society of Anesthesiology [a] vs. 60-70 yr [b] vs. independent

Table VIII: Cumulative risk for stroke and stroke or death in the high risk groups (female gender, renal failure and COPD)* for post discharge events

# of risk factors	Stroke			Stroke/Death		
	In-hospital	Post Discharge	30-Day	In-hospital	Post Discharge	30-Day
0	1.0%	0.4%	1.4%	1.2%	0.7%	1.8%
1	1.2%	0.7%	1.9%	1.5%	1.1%	2.6%
2	0%	2.5%	2.5%	3.5%	5.0%	8.5%
3[a]	0%	0%	0%	4.3%	4.3%	8.7%

*High risk group based on the independent predictors identified for post discharge events by multivariable models. [a] 23 patients with all three risk factors present