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This supplementary material has been provided by the authors to give readers additional information about their work.
Perioperative Major Adverse Cardiovascular and Cerebrovascular Events Associated With Noncardiac Surgery

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Supplemental Figure 1. Patient selection flow diagram.

Nationwide Inpatient Sample Discharges 2004-2013
n = ~80 Million

Age ≥45 & Major Surgery
n=12,863,389

Age ≥45 & Major Non-Cardiac Surgery
n = 10,581,621

Excluded n=2,281,768
Cardiac Procedures: n=1,655,567
Cardiac Surgery: n=582,726
Bone Marrow Transplant: n=18,151
Ophthalmologic Surgery: n=13,342
Radiation Therapy: n=9,817
Dental Surgery: n=1,779
Non-OR Procedures: n=386
Supplemental Figure 2. Frequency of perioperative MACCE by RCRI score
Supplemental Figure 3. Risks of major adverse cardiovascular and cerebrovascular events over time, adjusted for demographics, clinical covariates, and surgical subtypes.

Odds ratios adjusted for age, sex, race/ethnicity, obesity, tobacco use, hypertension, hyperlipidemia, diabetes mellitus, chronic kidney disease, end stage renal disease, coronary artery disease, prior revascularization with either PCI or CABG, peripheral arterial disease, valvular heart disease, congestive heart failure, prior venous thromboembolism, chronic lung disease, alcohol abuse, malignancy, anemia, elective/urgent hospitalization, and surgery type. Error bars indicate 95% confidence intervals.
**Supplemental Figure 4.** Sensitivity Analyses of trends in MACCE excluding urgent surgeries (Panel A), excluding surgeries performed >72 hours from hospital admission (Panel B), and excluding vascular surgery (Panel C).

Panel 4A:

Panel 4B:
Panel 4C:

Excluding Vascular Surgery

Event Rates per 100,000 non-cardiac surgeries

- MACCE
- Death
- Myocardial Infarction
- Stroke

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Supplemental Figure 6. Trends in perioperative major adverse cardiovascular and cerebrovascular events (Panel A), perioperative mortality (Panel B), perioperative myocardial infarction (Panel C), and perioperative ischemic stroke (Panel D) by race / ethnicity.