ENIGMA II cohort, n = 6992 (see supplemental figure 1)

Normal troponin during postoperative days 0-3, n = 5696 (81.5%)

Reference Cohort*
- n = 5138
- Peak Tn = 0.5 (0.2-1.0) URL

Troponin elevation during postoperative days 0-3, n = 1296 (18.5%)

MAPE
- n = 501
- Peak Tn = 0.5 (0.2-1.0) URL

MACE
- n = 469
- Peak Tn = 6.9 (2.1-33.5) URL

Isolated Troponin Elevation
- n = 754
- Peak Tn = 2.1 (1.8-38.0) URL

MAPE with Trop (no MI)
- n = 130
- Peak Tn = 2.1 (1.8-38.0) URL

30-day mortality, n = 25 (0.5%)

1-year follow-up completed
- n = 4221
- Death = 196 (4.6%)

Deaths
- Cancer = 94 (48%)
- Respiratory = 17 (8.7%)
- Sepsis = 9 (4.6%)
- Cardiac = 24 (12.2%)
- Stroke = 5 (2.6%)
- Others = 47 (24.0%)

30-day mortality, n = 18 (3.6%)

1-year follow-up completed
- n = 436
- Death = 73 (16.7%)

Deaths
- Cancer = 30 (41.1%)
- Respiratory = 7 (9.6%)
- Sepsis = 11 (15.1%)
- Cardiac = 3 (4.1%)
- Stroke = 4 (5.5%)
- Others = 18 (24.7%)

30-day mortality, n = 34 (7.2%)

1-year follow-up completed
- n = 411
- Death = 74 (18.0%)

Deaths
- Cancer = 9 (12.2%)
- Respiratory = 5 (6.8%)
- Sepsis = 11 (14.9%)
- Cardiac = 19 (25.7%)
- Stroke = 4 (5.4%)
- Others = 26 (35.1%)

30-day mortality, n = 14 (1.9%)

1-year follow-up completed
- n = 613
- Death = 61 (10.0%)

Deaths
- Cancer = 17 (27.9%)
- Respiratory = 3 (4.9%)
- Sepsis = 6 (9.8%)
- Cardiac = 14 (23.0%)
- Stroke = 3 (4.9%)
- Others = 18 (29.5%)

30-day mortality, n = 8 (6.2%)

1-year follow-up completed
- n = 116
- Death = 30 (25.9%)

Deaths
- Cancer = 8 (26.7%)
- Respiratory = 5 (16.7%)
- Sepsis = 1 (3.3%)
- Cardiac = 7 (23.3%)
- Stroke = 0 (0.0%)
- Others = 9 (30.0%)

Figure 1
Figure 2

Mortality rate (%) over months after surgery for different outcomes:

- **No adverse event**
  - Months: 0, 1, 3, 6, 9, 12
  - Numbers at risk: 4221, 4196, 4140, 4029, 3864, 3668

- **Isolated troponin elevation**
  - Numbers at risk: 436, 422, 397, 360, 307, 246

- **MACE**
  - Numbers at risk: 411, 377, 329, 274, 208, 134

- **MAPE without troponin elevation**
  - Numbers at risk: 613, 595, 558, 505, 438, 365

- **MAPE with troponin elevation**
  - Numbers at risk: 116, 108, 92, 70, 42, 12

Legend:
- MACE: Major Adverse Cardiac Event
- MAPE: Major Adverse Perioperative Event
- MAPE with troponin elevation (no MI)