

SUPPLEMENTAL MATERIAL

Supplemental digital content 2, Table 1. Cox model exploring independent association between potential MINS diagnostic criteria of a peak Troponin T ≥ 0.04 ng/mL with and without an ischemic feature and 30-day mortality

| Potential diagnostic criteria | Adjusted HR (95% CI) | p-value |
|-----------------------------------------------------------|---------------------------------|----------------|
| Peak TnT ≥ 0.04 ng/mL with ≥ 1 ischemic feature | 5.06 (3.55-7.21) | <0.001 |
| Peak TnT ≥ 0.04 ng/mL without an ischemic feature | 3.33 (2.28-4.87) | <0.001 |
| TnT ≤ 0.01 ng/mL | 1.00 | - |

CI = confidence intervals; HR = hazard ratio; MINS = myocardial injury after noncardiac surgery; % = percentage; TnT = 4th generation Troponin T

Supplemental digital content 2, Table 2. Cox model exploring the independent association between all considered MINS diagnostic criteria and 30-day mortality

| Potential diagnostic criteria | Number of Patients (%) | Adjusted HR (95% CI) | p-value |
|-----------------------------------------------------------|-----------------------------------|---------------------------------|----------------|
| Peak TnT ≥ 0.04 ng/mL with ≥ 1 ischemic feature | 401 (2.7) | 4.82 (3.40-6.84) | <0.001 |
| Peak TnT ≥ 0.04 ng/mL without an ischemic feature | 540 (3.6) | 3.30 (2.26-4.81) | <0.001 |
| Peak TnT = 0.03 ng/mL | 259 (1.7) | 4.30 (2.68-6.91) | <0.001 |
| Peak TnT = 0.02 ng/mL | 479 (3.2) | 1.61 (0.91-2.86) | 0.101 |
| TnT ≤ 0.01 ng/mL | 13,386 (88.9) | 1.00 | - |

CI = confidence intervals; HR = hazard ratio; MINS = myocardial injury after noncardiac surgery; % = percentage; TnT = 4th generation Troponin T

Supplemental digital content 2, Table 3. Sensitivity analysis restricted to patients with a preoperative eGFR evaluating the 30-day mortality model in Table 1 and including eGFR as a candidate independent predictor*

| Analyses based on 13,948 patients | Number of patients (%) | Adjusted HR (95% CI) | P value |
|------------------------------------------|-------------------------------|-----------------------------|----------------|
| MINS | 1152 (8.3) | 3.66 (2.71, 4.93) | <0.001 |
| Preoperative eGFR | | | |
| <30 ml/minute/1.73m ² | 507 (3.6) | 1.26 (0.83-1.91) | 0.480 |
| 30-44 ml/minute/1.73m ² | 751 (5.4) | 1.20 (0.78-1.84) | |
| 45-59 ml/minute/1.73m ² | 1486 (10.7) | 0.89 (0.59-1.32) | |
| >60 ml/minute/1.73m ² | 11204 (80.3) | 1.00 | |

CI = confidence intervals; eGFR = estimated glomerular filtration rate; HR = hazard ratio; MINS = myocardial injury after noncardiac surgery; % = percentage;

* model also included all other independent predictors of 30-day mortality that were included in Table 1.