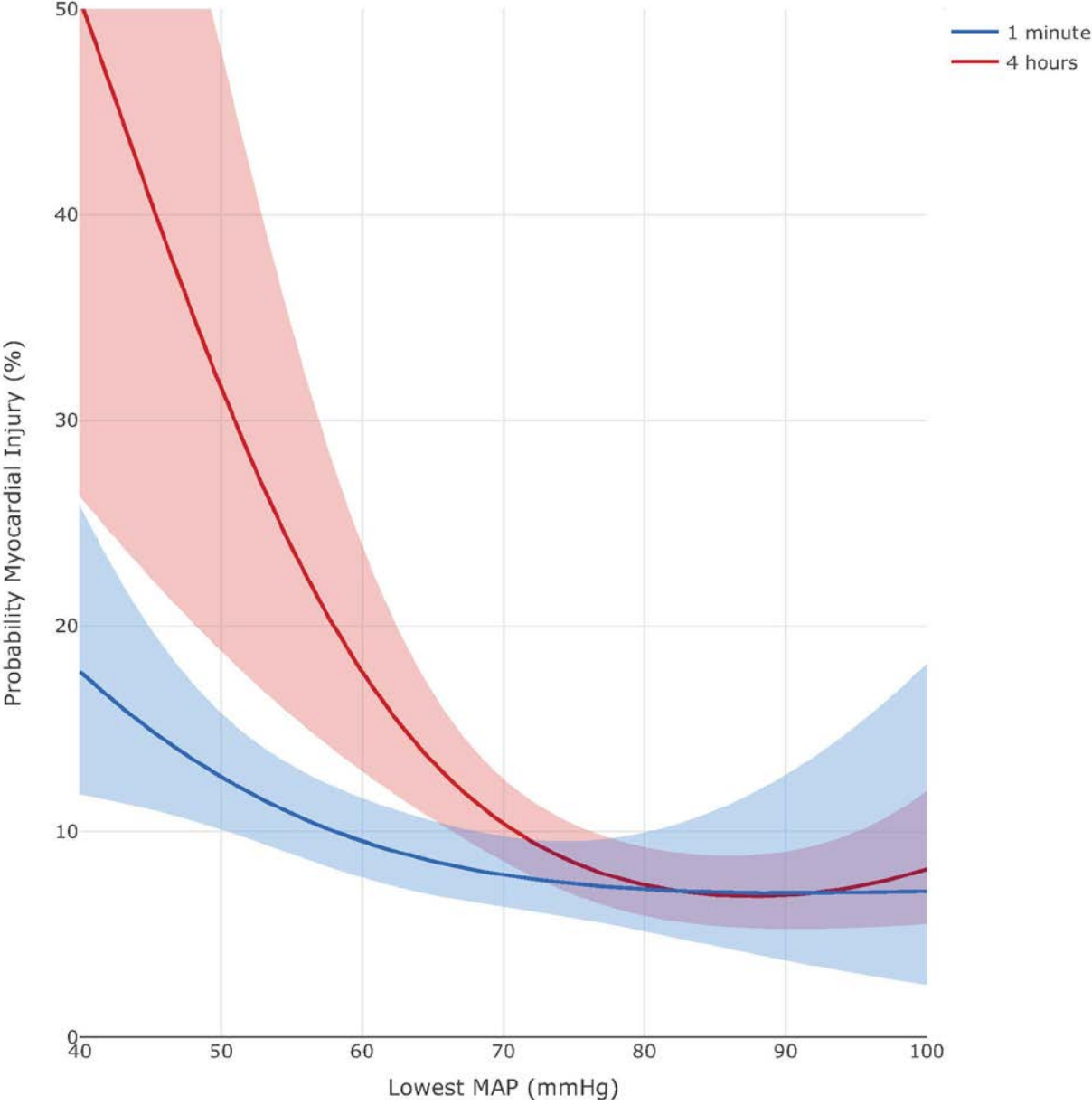


Supplemental Digital Content 1, Figure 1



Supplemental Digital Content 2, Table 1. Baseline and perioperative characteristics of high-dependency ward patients, stratified for no myocardial injury, myocardial injury and postoperative MAP <75 mmHg for more than 635minutes.

	Myocardial Injury (n=238)	Postoperative MAP < 75 Q4 >635 minutes (n=361)	Postoperative MAP < 75 Q4 >635 minutes & Myocardial Injury (n=70)	All patients (High-dependency ward) (n=1710)
Patient characteristics				
Age, yr	74 [68, 79]	71 [66, 76]	76 [70, 79]	70 [66, 76]
Male gender, n (%)	161 (68)	171 (47)	38 (54)	984 (58)
Procedural, n (%)				
Emergency	33 (14)	12 (3)	9 (13)	75 (4)
High-risk	55 (23)	150 (42)	16 (23)	439 (26)
General anesthesia	229 (96)	348 (96)	67 (96)	1671 (98)
Type of surgery, n (%)				
General	38 (16)	108 (30)	14 (20)	308 (18)
Orthopedic	40 (17)	46 (13)	18 (26)	207 (12)
Urologic or Gynecologic	22 (9)	53 (15)	9 (13)	175 (10)
Neurologic	27 (11)	41 (11)	2 (3)	532 (31)
Vascular	82 (34)	69 (19)	15 (21)	307 (18)
Other	29 (12)	44 (12)	12 (17)	181 (11)
Medical history, n (%)				
Hypertension	175 (74)	188 (52)	48 (69)	988 (58)
IDDM	50 (21)	52 (14)	13 (19)	194 (11)
COPD	54 (23)	66 (18)	23 (33)	290 (17)
Myocardial infarction	83 (35)	62 (17)	24 (34)	289 (17)
Coronary artery disease	104 (44)	63 (17)	28 (40)	369 (22)
Congestive heart failure	48 (20)	36 (10)	16 (23)	148 (9)
Cerebrovascular disease	71 (30)	57 (16)	19 (27)	305 (18)
Renal Failure	69 (29)	23 (6)	18 (26)	122 (7)
Peripheral artery disease	38 (16)	31 (9)	8 (11)	153 (9)
Preoperative medication, n (%)				
Beta-blockers	137 (58)	160 (44)	39 (56)	722 (42)
Statins	147 (62)	157 (43)	39 (56)	789 (46)
ACE-inhibitors	73 (31)	74 (20)	17 (24)	418 (24)
Angiotensin II antagonists	55 (23)	53 (15)	14 (20)	328 (19)
CCB	67 (28)	48 (13)	10 (14)	348 (20)
Diuretics	116 (49)	121 (34)	34 (49)	564 (33)
Aspirin	111 (47)	105 (29)	25 (36)	508 (30)
Oral anticoagulants	57 (24)	56 (16)	19 (27)	259 (15)
Preoperative*				
Hemoglobin, g/dL	13 ± 2	13 ± 2	12 ± 2	14 ± 2
eGFR, mL · min ⁻¹ · 1.73 m ⁻²	50 [28, 77]	71 [55, 86]	50 [35, 78]	73 [57, 86]
Heart rate, bpm	74 [66, 84]	73 [65, 82]	73 [63, 82]	74 [66, 82]

MAP, mmHg	94 [87, 101]	92 [85, 98]	89 [82, 97]	96 [89, 104]
Intraoperative				
Length of surgery, minutes	210 [153, 296]	277 [193, 355]	236 [157, 308]	236 [174, 322]
Estimated blood loss, mL	250 [50, 700]	500 [160, 1070]	500 [105, 1052]	300 [100, 650]
Heart rate, bpm	66 [58, 78]	64 [57, 73]	65 [60, 74]	63 [56, 73]
MAP, mmHg	79 [72, 86]	74 [69, 80]	73 [68, 84]	78 [72, 84]
Postoperative				
Heart rate, bpm	73 [65, 86]	70 [62, 79]	74 [63, 84]	72 [63, 82]
MAP, mmHg	80 [73, 91]	70 [66, 72]	70 [65, 72]	82 [75, 91]
Outcome				
Peak hs-cTnT, ng/L	86 [62, 152]	18 [10, 34]	80 [63, 150]	16 [10, 28]
Myocardial Injury, n (%)	238 (100)	70 (19)	70 (100)	238 (14)
30-day mortality, n (%)	20 (8)	13 (4)	8 (11)	50 (3)

Data are presented as median [25th, 75th percentiles], mean \pm SD or n (%).

Abbreviations: IDDM Insulin dependent diabetes mellitus; COPD chronic obstructive pulmonary disease; ACE angiotensin converting enzyme; CCB Calcium Channel Blocker; eGFR estimated Glomerular Filtration Rate; MAP Mean Arterial Pressure; hs-cTnT high-sensitive cardiac Troponin T;