

Supplemental Material

Supplemental Table 1: Baseline characteristic of our study population. SD = standard deviation; NYHA = New York Heart Association; GRACE = Global Registry of Acute Coronary Syndrome.

Variables	Values
Age, years; mean \pm SD (Range)	57 \pm 12.67 (25 – 90)
Sex	
Male, n (%)	307 (71.7%)
Female, n (%)	121 (28.3%)
Race	
Malay, n (%)	219 (51.2%)
Chinese, n (%)	104 (24.3%)
Indian, n (%)	99 (23.1%)
Others, n (%)	6 (1.4%)
Risk Factors	
Hypertension, n (%)	293 (68.5%)
Diabetes, n (%)	201 (46.9%)
Hypercholesterolemia, n (%)	189 (44.1%)
Smoking, n (%)	218 (50.9%)

Family History of IHD, n (%)	94 (21.9%)
Known Coronary Artery Disease, n (%)	197 (46.0%)
Chronic Kidney Disease, n (%)	56 (13.1%)
Previous usage of aspirin, n (%)	219 (51%)
Alcohol drinker, n (%)	41 (9.6%)
NYHA class	
NYHA I, n (%)	260 (60.7%)
NYHA II, n (%)	136 (31.8%)
NYHA III, n (%)	23 (5.4%)
NYHA IV, n (%)	9 (2.1%)
GRACE risk score	
Low risk, n (%)	206 (48.1%)
Intermediate, n (%)	121 (28.3%)
High, n (%)	101 (23.6%)

Supplemental Table 2: Distribution of cases for our study population. NSTEMI = non-ST-elevation myocardial infarction; STEMI = ST elevation myocardial infarction; SD = standard deviation.

Variables	Values
Unstable Angina, n (%)	208 (48.6%)
NSTEMI, n (%)	128 (29.9%)
STEMI, n (%)	92 (21.5%)
Cardiac arrest on arrival, n (%)	13 (3%)
Killip Class	
Killip I, n (%)	303 (70.8%)
Killip II, n (%)	71 (16.6%)
Killip III, n (%)	19 (4.4%)
Killip IV, n (%)	35 (8.2%)
Total hospital stay; mean \pm SD (Range)	5 \pm 4.52 (2 – 37)
hs-Trop T; median (Range)	63 (3 – 223857)
Serum creatinine (μ mol/L); median (Range)	88 (37 – 1100)
Heart rate; mean \pm SD (Range)	85 \pm 20.1 (30 – 170)
Systolic BP; mean \pm SD (Range)	149 \pm 31.6 (62 – 262)
Diastolic BP; mean \pm SD (Range)	87 \pm 17.62 (37 – 165)

Supplemental Figure 1: GRACE Risk Score and Nomogram

Background		Findings at time of admission		Findings during hospital stay	
1. Age, years	Points	4. HR on admission, bpm	Points	6. Depressed ST segment	Points
≤29	0	≤49.9	0	7. Elevated cardiac biomarkers	15
30-39	0	50-69.9	3		
40-49	18	70-89.9	9		
50-59	36	90-109.9	14		
60-69	55	110-149.9	23		
70-79	73	150-199.9	35		
80-89	91	≥200	43		
≥90	100				
2. History of heart failure	24	5. SBP on admission, mmHg		8. Serum creatinine on admission, mg/dL	
3. History of AMI	12	≤79.9	24	0-0.39	1
		80-99.9	22	0.4-0.79	3
		100-119.9	18	0.8-1.19	5
		120-139.9	14	1.2-1.59	7
		140-159.9	10	1.6-1.99	9
		160-199.9	4	2.0-3.99	15
		≥200	0	≥4	20

AMI = acute MI; HR = heart rate; SBP = Systolic blood pressure.

Supplemental Figure 2: Simple Scatter of GRACE Score by Age

