

Supplementary table 1: Comorbidities, risk factors and on admission events

1. Characteristics <i>N (%)</i>	2. N	3. AMI 934	4. STEMI 844(90.36)	5. Non STEMI 90(9.64)
<i>Comorbidities and risk factors</i>	863			
Angina		91(10.54)	62(7.98)	29(33.72)
Previous MI		84(9.73)	57(7.34)	27(31.40)
Previous cardiac surgery		2(0.23)	0(0)	2(2.33)
CKD		13(1.51)	10(1.29)	3(3.49)
(of which known to have renal dialysis)		1(7.69)	0(0)	1(33.33)
Hypertension		299(34.65)	252(32.43)	47(54.65)
Stroke		14(1.62)	13(1.67)	1(1.16)
Diabetes		360(41.71)	312(40.15)	48(55.81)
Smoking		293(33.95)	273(35.14)	20(23.26)
Beetle chewing		10(1.16)	10(1.29)	0(0)
Dyslipidemia		186(21.55)	162(20.85)	24(27.91)
No comorbidities		150(17.38)	142(18.28)	8(9.30)
Not Recorded		71	67	4
<i>Family history</i>	863			
CAD		170(19.70)	149(19.18)	21(24.42)

CVD		15(1.74)	14(1.80)	1(8.72)
DM		43(4.98)	40(5.15)	3(3.49)
HT		28(3.24)	24(3.09)	4(4.65)
DVT		8(0.93)	8(1.03)	0(0)
None		584(67.67)	524(67.44)	60(69.77)
Not Recorded		71	67	4
<i>Primary cardiology intervention</i>	930			
Coronary angiogram		63(6.77)	36(4.29)	27(30.0)
Coronary artery bypass graft		1(0.11)	1(0.12)	0(0)
Heart Failure management with vasoactive agents		12(1.29)	7(0.83)	5(5.56)
Pacemaker implant		97(10.43)	47(5.60)	50(55.56)
Primary Percutaneous Coronary Intervention		442(47.53)	435(51.79)	7(7.78)
Rescue PCI		3(0.32)	2(0.24)	1(1.11)
Thrombolysis SK		258(27.74)	258(30.71)	0(0)
Thrombolysis Tenecteplase		30(3.23)	30(3.57)	0(0)
<i>Significant events during the inpatient stay</i>	934			
CPR		59(6.32)	55(6.52)	4(4.44)
Defibrillation		80(8.57)	74(8.77)	6(6.67)

Coronary arterial stent thrombosis		16(1.71)	15(1.78)	1(1.11)
Unplanned critical care admission		15(1.61)	15(2.30)	0(0)
Vasoactive drugs+Furosemide		58(6.21)	45(5.33)	13(14.44)
Ventilation		6(0.64)	6(0.71)	0(0)
<i>Vasoactive drugs on admission</i>	273			
None		150(54.95)	142(57.49)	8(30.77)
1		72(26.37)	63(23.51)	9(34.62)
2		41(15.02)	33(13.36)	8(30.77)
More than 2		10(3.66)	9(3.64)	1(3.85)
Not Recorded		661	597	64
Analgesia on admission	892			
Yes		180(20.18)	164(20.07)	67(80.72)
No		712(79.82)	645(79.73)	16(19.28)
Not Recorded		42	35	7
Raised JVP on admission	820			
Yes		18(2.20)	18(2.41)	0
No		802(97.80)	730(97.59)	72(100.00)
Not Recorded		114	96	18
Troponin I on admission (available prior to treatment decision)	189	15.94(19.84)	18.17(15.00)	10.77(27.51)

Systolic BP on admission	785	127.24[28.25]	127.11[28.61]	128.43[24.69]
Diastolic BP on admission	784	82.44[18.40]	82.62[18.70]	80.7[15.26]
Heart rate on admission	780	85.22[25.17]	85.12[25.52]	86.17[21.76]
Respiratory rate on admission	881	25.78[16.73]	25.88[16.84]	24.79[15.69]
Serum creatinine on admission	707	109.05[58.30]	109.68[59.11]	103.54[50.60]

Supplementary table 2

Mode of transportation for patients presenting as a transfer from another centre and directly to the PCI facility.

Transfer from another health facility	Total (666)	STEMI(616)	NSTEMI(50)
Emergency ambulance	650(97.60%)	603(97.89%)	47(94.0%)
Hired vehicle	8(1.20%)	7(1.14%)	1(2.0%)
Own vehicle	7(1.05%)	5(0.81%)	2(4.0%)
Public transport	1(0.15)	1(0.16%)	0(0%)
Direct admission	Total (224)	STEMI(192)	NSTEMI(32)
Emergency ambulance	16(7.14)	14(7.29)	2(6.25)

Hired vehicle	110(49.11)	99(51.56)	11(34.38)
Own vehicle	94(41.96)	76(39.58)	18(56.25)
Public transport	4(1.79)	3(1.56)	1(3.13)

Supplementary table 3. GRACE Scores

NSTEMI: In-hospital mortality Mean= 120.4 Permissible range= (47-212)				
Risk Category	GRACE Risk Score	Number of Patients	Number of Deaths	Probability of Death In-hospital (%)
Low	1-108	32	1	<1
Intermediate	109-140	19	1	1-3
High	141-372	20	3	>3
STEMI: In-hospital mortality Mean= 132.3 Permissible range= (49-267)				
Risk Category	GRACE Risk Score	Number of Patients	Number of Deaths	Probability of Death In-hospital (%)
Low	49-125	176	2	<2
Intermediate	126-154	229	8	2-5
High	155-319	206	28	>5

Supplementary table 4. Seattle angina score for patients followed to 30 days after discharge.

Seattle Angina Score	n=551	Primary PCI n=272
Physical limitation		
mean score		
median score	84.28(SD=22.02)	86.90(SD=18.04)
	91.11	91.11
Minimal (75-100)	451(81.85)	236(86.76)
Mild (50-74)	61(11.07)	24(8.82)
Moderate (25-49)	16(2.90)	5(1.84)
Severe (0-24)	23(4.17)	7(2.57)
Angina Stability		
mean score	88.31(SD=14.00)	89.08(SD=13.07)
median score	92.86	92.86
Much better (76-100)	479(86.93)	246(90.44)
Slightly better (51-75)	58(10.53)	21(7.72)
Unchanged (50)	5(0.91)	1(0.37)
Slightly worse (25-49)	8(1.45)	3(1.10)
Much worse (0-24)	1(0.18)	1(0.37)
Treatment satisfaction		
mean score	75.48(SD=14.00)	76.23(SD=13.88)

median score	76.47	76.47
Completely satisfied (75-100)	359(65.15)	179(65.81)
Somewhat to mostly satisfied (50-74)	158(28.68)	79(29.04)
Somewhat dissatisfied to not satisfied at all (0-49)	34(6.17)	14(5.15)
Quality of life EQ5-DL		
mean score	67.11(SD=22.96)	67.03(SD=22.78)
median score	75	75
Excellent (75-100)	324(58.80)	161(59.19)
Good (50-74)	95(17.24)	46(16.91)
Fair (25-49)	124(22.50)	61(22.43)
Poor (0-24)	8(1.45)	4(1.47)

Supplementary Table 5: Domain 3

Quality indicators	Total Population	Eligible population	Availability (%)	Compliance (%) SE
In hospital risk assessment in the NSTEMI population QI 3.1.The proportion of patients with NSTEMI who have ischemic risk assessment using the GRACE risk score Actual mortality Mean probability of death In-hospital	90	90	90(100%)	71(78.89)0.04 7% 1-3%