

**Title:** Quality of acute myocardial infarction care in England and Wales during the COVID-19 pandemic: linked nationwide cohort study

**Supplementary Table 1. Baseline characteristics for patients with AMI, by AMI type**

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	STEMI	NSTEMI	AMI	Missing Data % (n)
Patients, n	84,634	152,109	236,743	
Hospitals, n	183	186	186	
<b>Demographics</b>				
Female, % (n)	27.9 (23,484)	34.5 (52,434)	32.2 (75,918)	0.3 (621)
Age (years), median (IQR)	65.0 (56 - 75)	71.0 (60 - 81)	69.0 (58 - 79)	0 (0)
Since lockdown, % (n)	4.8 (4,070)	4.4 (6,679)	4.5 (10,749)	0 (0)
<b>Baseline characteristics</b>				
Heart rate at hospitalisation (bpm), median (IQR)	77 (65 - 90)	77 (66 - 90)	77 (66 - 90)	3.4 (7960)
Systolic blood pressure (mmHg), median (IQR)	130 (112 - 150)	140 (123 - 160)	137 (120 - 157)	3.3 (7826)
Initial creatinine, $\mu\text{mol/L}$ , median (IQR)	81 (69 - 98)	86 (72 - 108)	85 (71 - 104)	4.6 (10824)
<b>GRACE</b>				
Score, median (IQR)	125 (103 - 156)	118 (95 - 148)	121 (96 - 151)	18.4 (43566)
Low, % (n)	22.3 (14,662)	17.9 (22,829)	19.4 (37,491)	
Intermediate, % (n)	29.5 (19,367)	33.7 (42,960)	32.3 (62,327)	
High, % (n)	48.3 (31,722)	48.4 (61,637)	48.3 (93,359)	
<b>Killip Class</b>				
I, % (n)	84.0 (62,435)	81.6 (112,510)	82.4 (174,945)	10.4 (24511)
II, % (n)	8.3 (6,138)	13.0 (17,863)	11.3 (24,001)	
III, % (n)	3.7 (2,776)	5.0 (6,892)	4.6 (9,668)	
IV, % (n)	4.0 (2,982)	0.5 (636)	1.7 (3,618)	
<b>Comorbidities</b>				
Diabetes, % (n)	19.0 (16,603)	29.8 (45,389)	26.0 (61,452)	0 (0)
COPD, % (n)	10.8 (9,115)	17.1 (25,992)	14.8 (35,107)	0 (0)
Chronic heart failure, % (n)	2.7 (2,316)	8.4 (12,760)	6.4 (15,076)	0 (0)
Chronic renal failure, % (n)	3.0 (2,493)	9.1 (13,837)	6.9 (16,330)	0 (0)
Cerebrovascular disease, % (n)	4.6 (3,878)	8.7 (13,254)	7.2 (17,132)	0 (0)
Peripheral vascular disease, % (n)	2.4 (2,057)	4.9 (7,461)	4.0 (9,518)	0 (0)
Hypertension, % (n)	38.4 (32,491)	52.6 (80,057)	47.5 (112,548)	0 (0)
Previous MI, % (n)	13.2 (9,489)	29.1 (40,303)	23.7 (49,792)	11.3 (26692)
Previous Angina, % (n)	9.8 (6,907)	26.2 (35,695)	20.6 (42,602)	12.7 (30083)
Previous PCI, % (n)	10.2 (7,224)	18.2 (24,758)	15.5 (31,982)	12.6 (29742)
Previous CABG, % (n)	2.7 (1,924)	9.5 (13,010)	7.2 (14,934)	12.5 (29565)
<b>In-hospital procedures</b>				
Invasive coronary angiography, % (n)	78.3 (66,024)	67.5 (102,612)	71.3 (168,636)	0.15 (354)
PCI, % (n)	78.1 (66,093)	37.0 (56,203)	51.7 (122,296)	0 (0)
CABG, % (n)	0.1 (45)	3.1 (4,661)	2.0 (4,706)	0 (0)
<b>Medications at discharge</b>				
Aspirin, % (n)	98.7 (68,467)	97.4 (106,813)	97.9 (175,280)	24.4 (57682)
P2Y <sub>12</sub> inhibitor, % (n)	98.2 (68,704)	95.6 (105,081)	96.6 (173,785)	24.0 (56849)
$\beta$ -blocker, % (n)	97.7 (65,189)	95.1 (99,311)	96.1 (164,500)	27.7 (65590)
ACEi or ARB, % (n)	97.1 (64,597)	92.3 (90,962)	94.2 (155,559)	30.3 (71643)
Statins, % (n)	98.6 (68,459)	96.5 (108,061)	97.3 (176,520)	23.5 (55639)
<b>Lifestyle advice</b>				
Cardiac rehabilitation, % (n)	91.7 (64,686)	87.1 (102,965)	88.8 (167,651)	20.2 (47903)
Smoking cessation advice, % (n)	80.4 (24,272)	70.3 (26,869)	74.6 (51,141)	71.1 (168331)
Dietary advice, % (n)	92.7 (57,507)	88.2 (98,519)	89.8 (156,026)	26.6 (63013)

ACEi; angiotensin converting enzyme inhibitors, ARB; angiotensin receptor blockers, CABG; coronary artery bypass graft, COPD; chronic obstructive pulmonary disease, GRACE; Global Registry of Acute Coronary Events, IQR, interquartile range, MI; myocardial infarction, NSTEMI; non-ST segment elevation myocardial infarction, STEMI; PCI; percutaneous coronary intervention, ST-segment elevation myocardial infarction.