

Supplemental material 4 - Multivariate analyses of differences in symptoms based on previous history of diabetes mellitus

	All % (n)	History of DM % (n)	p-value ^a	Odds Ratio	Confidence Interval, 99 %
All (number of missing)	100 (2917)	19.8 (578)			
Pale (565)	16.4 (386)	17.1 (81)	0.611	0.93	0.64-1.34
Clammy (565)	8.7 (204)	7.8 (37)	0.712	0.93	0.56-1.53
Nausea (576)	27.1 (635)	28.9 (137)	0.064	1.24	0.91-1.68
Vomiting (576)	7.0 (165)	7.4 (35)	0.527	1.13	0.67-1.91
Affected breathing according to patient (596)	44.6 (1040)	49.0 (229)	0.045	1.23	0.94-1.62
Pain intensity according to Numeric Rating Scale >5	32.1 (803)	39.8 (197)	<0.001*	1.53	1.16-2.02
Time elapsed since pain onset >3 hours (1007)	45.2 (863)	50.4 (195)	0.018	1.31	0.97-1.77
Debut					
Debut during activity (752)	22.1 (479)	14.7 (64)	<0.001*	0.54	0.37-0.81
Debut while resting (752)	65.5 (1419)	71.3 (310)	0.007*	1.38	1.01-1.88
Debut while sleeping (752)	15.8 (342)	16.6 (72)	0.702	1.05	0.72-1.54
Sudden debut, within seconds (875)	35.7 (729)	33.0 (136)	0.503	0.92	0.67-1.25
Quick debut, within minutes (875)	35.2 (718)	36.2 (149)	0.933	1.01	0.74-1.36
Slow debut, within hours (875)	29.1 (595)	30.8 (127)	0.540	1.07	0.78-1.47
Constant pain (732)	55.5 (1212)	59.8 (266)	0.084	1.21	0.91-1.60
Fluctuating pain (732)	40.4 (883)	34.8 (155)	0.014	0.75	0.56-1.01
Pain aggravating over time (732)	10.8 (237)	11.5 (51)	0.583	1.09	0.70-1.71
Pain in other parts of the body (1197)					
Head	2.5 (43)	2.3 (8)	-	-	-
Throat	10.3 (177)	9.1 (32)	0.759	0.93	0.54-1.61
Jaw	5.3 (92)	4.5 (16)	-	-	-
Neck	2.5 (43)	3.4 (12)	-	-	-
Between scapulars	2.2 (37)	1.4 (5)	-	-	-
Back	15.2 (261)	17.8 (63)	0.163	1.25	0.82-1.91
Left shoulder	8.5 (147)	9.1 (32)	0.602	1.11	0.64-1.93
Right shoulder	4.2 (72)	5.4 (19)	-	-	-
Left arm	24.0 (412)	28.0 (99)	0.137	1.23	0.85-1.75
Right arm	8.4 (145)	11.0 (39)	0.094	1.40	0.83-2.37
Left hand	1.0 (17)	0.8 (3)	-	-	-
Right hand	0.3 (6)	0.6 (2)	-	-	-
Stomach	7.0 (121)	8.2 (29)	0.280	1.27	0.71-2.29
Left leg	1.7 (29)	2.8 (10)	-	-	-
Right leg	1.4 (24)	2.8 (10)	-	-	-
No other pain	39.3 (676)	35.4 (125)	0.081	0.80	0.57-1.11
Pain quality (1175)					
Band-shaped	3.3 (58)	2.2 (8)	-	-	-
Burning	4.4 (76)	5.8 (21)	-	-	-
Stabbing	9.7 (169)	10.2 (37)	0.663	1.09	0.65-1.83
Cramping	8.7 (151)	8.0 (29)	0.926	1.02	0.57-1.80
Dull pain	13.9 (242)	15.7 (57)	0.302	1.18	0.77-1.83
Feels like something is on the chest	0.7 (12)	0.0 (0)	-	-	-
Discomfort	10.2 (178)	9.9 (36)	0.853	0.96	0.57-1.61
Tingling/Stinging	5.7 (99)	5.5 (20)	-	-	-
Swaying	1.7 (30)	1.4 (5)	-	-	-
Pressuring	57.9 (1008)	58.0 (211)	0.858	0.97	0.71-1.33
Heaviness	1.0 (17)	0.5 (2)	-	-	-
Aching	2.4 (41)	2.7 (10)	-	-	-

Supplemental material 4 continues

	All % (n)	History of DM % (n)	p-value ^a	Odds Ratio	Confidence Interval, 99 %
Chest pain localisation (640)					
Central pain	53.4 (1215)	55.3 (255)	0.660	1.04	0.79-1.38
Left side of chest	35.5 (809)	34.3 (461)	0.729	0.96	0.72-1.28
Right side of chest	5.1 (116)	5.9 (27)	0.229	1.32	0.72-2.40
Upper part of chest	6.7 (152)	5.2 (24)	0.250	0.76	0.42-1.39
Lower part of chest	9.0 (204)	8.9 (41)	0.734	1.06	0.65-1.72
All over the chest	11.8 (269)	12.4 (57)	0.706	1.06	0.70-1.61
Size of area affected by pain (794)					
Two inch diameter	10.7 (228)	7.0 (30)	0.010	0.58	0.34-1.00
Size of patient's palm	58.4 (1240)	58.7 (252)	0.888	1.01	0.76-1.35
Entire chest	30.9 (655)	34.3 (147)	0.119	1.20	0.88-1.62
Palpation tenderness (655)					
Pain affected by movement (719)	17.0 (373)	17.1 (76)	0.540	1.09	0.75-1.58
Pain affected by breathing (692)	25.8 (573)	24.3 (109)	0.753	1.04	0.75-1.43

^aMultivariate regression analyses including sex, age, previous history of ACS or diabetes mellitus and diagnosis of AMI on hospital discharge

*p-value <0.01 i.e. statistically significant

DM = Diabetes mellitus