

Data supplement

Table DS1 Clinical characteristics of acute myocardial infarction patients

	Matched to psychiatric out-patients (<i>n</i> =209) <i>n</i> (%)	Matched to college students (<i>n</i> =366) <i>n</i> (%)
History of myocardial infarction	36 (17.2)	68 (18.6)
History of angina	59 (28.2)	94 (25.7)
Diabetes mellitus	35 (16.7)	64 (17.5)
Hypertension	69 (33.0)	122 (33.3)
Current smoking	92 (44.0)	159 (43.4)
History of smoking	159 (76.1)	273 (74.6)
Hypercholesterolaemia	88 (42.1)	137 (37.4)
Q wave myocardial infarction ^a	101 (48.3)	196 (53.6)
Killip class I ^a	174 (83.3)	296 (86.5)

a. Refers to acute event.

Table DS2 Comparison of somatic item scores on the Beck Depression Inventory–II for the three study cohorts

Item	BDI–II score: mean (s.d.)			BDI–II score: mean (s.d.)		
	Post-AMI patients (<i>n</i> =209)	Psychiatric out-patients (<i>n</i> =209)	<i>P</i> ^a	Post-AMI patients (<i>n</i> =366)	College students (<i>n</i> =366)	<i>P</i> ^a
15 Loss of energy	1.11 (0.71)	1.01 (0.75)	0.160	0.93 (0.67)	0.54 (0.63)	<0.001 ^b
16 Sleep problems	1.15 (0.96)	1.12 (0.87)	0.876	0.87 (0.90)	0.89 (0.69)	0.182
17 Irritability	0.56 (0.71)	0.71 (0.82)	0.081	0.41 (0.61)	0.45 (0.62)	0.317
18 Appetite	0.80 (0.91)	0.81 (0.84)	0.679	0.56 (0.79)	0.64 (0.76)	0.044
19 Concentration	0.67 (0.76)	0.86 (0.77)	0.005 ^b	0.44 (0.63)	0.55 (0.69)	0.018
20 Tiredness or fatigue	1.14 (0.83)	1.03 (0.86)	0.189	0.94 (0.74)	0.56 (0.58)	<0.001 ^b
21 Loss of interest in sex	1.00 (1.10)	0.89 (1.05)	0.331	0.76 (1.03)	0.17 (0.45)	<0.001 ^b

AMI, acute myocardial infarction; BDI–II, Beck Depression Inventory–II.
a. Mann–Whitney *U*-test.
b. Statistically significant based on Hochberg's sequential method to maintain type 1 error rate <0.05 for multiple comparisons.