Posttraumatic Stress Disorder, Myocardial Perfusion and Myocardial Blood Flow: A Longitudinal Twin Study

Supplemental Information

Table S1. Comparison of baseline characteristics of twins who were and were not examined at Visit 2

	Twins who were not examined at Visit 2 (N=291)	Twins who were examined at visit 2 (N=275)	p-value
Sociodemographic Factors			
Age, yrs, mean (SD)	55.4 (3.3)	55.6 (3.0)	0.54
Non-white	4.5	3.3	0.47
Married	74.2	77.8	0.32
Years of education, mean (SD)	14.0 (2.2)	14.2 (2.2)	0.32
Employed full time	69.8	77.0	0.05
Service in Southeast Asia	47.4	44.4	0.47
Lifestyle Factors			
Current smoker	29.2	21.1	0.03
Physical Activity (Baecke Score), mean (SD)	7.0 (1.9)	7.5 (1.7)	<0.01
Number of alcoholic drinks in typical week, mean (SD)	5.0 (10.1)	5.1 (9.2)	0.90
Cardiovascular Risk Factors and Medical History			
History diabetes	15.1	8.4	0.01
History of hypertension	40.8	35.3	0.17
History of hyperlipidemia	47.9	36.5	0.01
History of coronary heart disease	15.1	9.1	0.03
BMI, mean (SD)	29.8 (5.8)	29.5 (4.1)	0.45
Systolic blood pressure, mm Hg, mean (SD)	131 (16)	129 (16)	0.17
Diastolic blood pressure, mm Hg, mean (SD)	81 (10)	81 (11)	0.34
Psychiatric Diagnoses (Lifetime)			
PTSD	15.8	12.7	0.30
Major Depression	29.6	24.0	0.14
Alcohol Abuse (with or without dependence)	50.9	45.1	0.17
Drug Abuse (with or without dependence)	25.8	24.0	0.63
Current Medications			
Aspirin	29.2	23.3	0.11
Statins	28.9	22.9	0.11
Beta-blockers	10.3	5.8	0.05
ACE Inhibitors	20.3	11.6	<0.01
Antidepressants	19.2	11.6	0.01
Imaging Data			
Abnormal perfusion, > 10% percent myocardium	11.8	7.9	0.15
Myocardial Blood Flow Quantitation, mean (SD)			
Stress MBF, mL/min/gm	1.58 (0.5)	1.58 (0.4)	0.88
Rest MBF, mL/min/gm	0.68 (0.1)	0.66 (0.2)	0.31
MFR, mean ratio	2.4 (0.9)	2.5 (0.7)	0.37

All data are percentages unless otherwise indicated.
Abbreviations: PTSD: Posttraumatic Stress Disorder; SD: standard deviation; BMI: body mass index; ACE: angiotensin converting enzyme.