

SUPPLEMENTARY MATERIALS

Eligibility Criteria for the K-DEPACS and EsDEPACS participants

For the K-DEPACS study entry, inclusion criteria were as follows: 1) aged 18–85 years; 2) confirmed ACS by investigation (the presence of ST-segment elevation MI was determined by >30 min of continuous chest pain, a new ST-segment elevation ≥ 2 mm on at least two contiguous electrocardiographic leads, and creatine kinase-MB more than three times normal; the presence of non-ST-segment elevation MI was diagnosed by chest pain and a positive cardiac biochemical marker without new ST-segment elevation; and the presence of unstable angina was determined by chest pain within the preceding 72 h with or without ST-T wave changes or positive cardiac biochemical markers); 3) ability to complete study questionnaires; 4) ability to understand the study objectives and sign informed consent. Exclusion criteria were: 1) occurrence of ACS while hospitalized for another reason; 2) ACS developing less than 3 months after a coronary artery bypass graft procedure; 3) uncontrolled hypertension (systolic blood pressure (BP) >180 mm Hg or diastolic BP >100 mm Hg); 4) resting heart rate <40/min; 5) severe physical illnesses threatening life or interfering with the recovery from ACS; 6) persistent clinically significant laboratory abnormalities in complete blood cell counts, thyroid tests, renal function tests, and liver function tests. For the EsDEPACS study entry, additional inclusion criteria were as follows: 1) BDI>10; 2) major or minor depressive disorder according to DSM-IV criteria. Additional exclusion criteria were: 1) concomitant use of class I antiarrhythmic medications, reserpine, guanethidine, clonidine, methyl dopa, lithium, anticonvulsants, antipsychotics, or antidepressants; 2) history of neuropsychiatric illnesses such as dementia, Parkinson's disease, brain tumor, psychosis, bipolar disorder, alcoholism, or other substance dependence; 3) pregnancy; 4) participating in other drug trials.