Appendix A. FDA Status and Warnings for Drugs Included in this Review

Appendix Table A1. Second-generation antidepressant medications that are FDA-approved for treatment of major depressive disorder[1]

Drug	FDA-Labeled Indication for Depressive Disorders	Additional Warnings and Cautions relevant to Adults with Cardiovascular disease
Warnings: All antidepressants have a black box warning for increased risk of suicidal thinking and behavior in children, adolescents and adults 18-24 years of age. There is also a risk of withdrawal symptoms if discontinued abruptly. Other risks of SSRI/SNRIs: bleeding, fracture, narrow angle glaucoma, serotonin syndrome, sexual dysfunction, syndrome of inappropriate antidiuretic hormone secretion (SIADH). Many antidepressants have cautions for use in patients with angle-closure glaucoma, bipolar disorder, pregnancy in 3rd trimester, seizure disorders		
Atypical antidepressants		
Bupropion	Yes	Contraindicated in seizure disorders or eating disorders
Mirtazapine	Yes	–
Nefazodone	Yes	Hepatic failure
Trazodone	Yes	–
Vilazodone[2]	Yes	–
Vortioxetine[3]	Yes	–
SSRIs		
Citalopram	Yes	Bradycardia, Ventricular arrhythmias, QT prolongation, Recent MI, CHF; Reduce dose if age >60
Fluoxetine	Yes	Bradycardia, Ventricular arrhythmias, QT prolongation, Recent MI, CHF
Escitalopram	Yes	Bradycardia, Ventricular arrhythmias, QT prolongation, Recent MI, CHF
Paroxetine	Yes	–
Sertraline	Yes	–
SNRIs		
Desvenlafaxine	Yes	Cardiovascular disease
Duloxetine	Yes	Hypertension
Levomilnacipran[4]	Yes	Cerebrovascular disease, Cardiovascular disease, Hypertension, ≥ Stage 3 CKD
Venlafaxine	Yes	Heart failure, recent MI

Abbreviations: MI=myocardial infarction; CHF=congestive heart failure; CKD=chronic kidney disease; SIADH=syndrome of inappropriate antidiuretic hormone secretion; SSRIs=selective serotonin reuptake inhibitors; SNRIs=serotonin–norepinephrine reuptake inhibitors

Appendix Table A2. Atypical antipsychotics that are FDA-approved for treatment of major depressive disorder[1]

Drug	FDA-Labeled Indication for Depressive Disorders	Additional Warnings and Cautions relevant to Adults with Cardiovascular disease
Warnings: Black box warning for increased risk of suicidal thinking and behavior in children, adolescents and adults 18-24 years of age (Aripiprazole and Quetiapine). Black box warning for increased risk of death in elderly patients with dementia-related psychosis. Other risks related to atypical antipsychotics: altered cardiac conduction (prolonged QTc), blood dyscrasia, increased stroke in dementia related psychosis, CNS depression, anticholinergic effect, dyslipidemia, hyperlipidemia, aspiration, extrapyramidal symptoms, neuroleptic malignant syndrome, orthostatic hypotension, pathologic gambling, impaired temperature regulation, weight gain and metabolic side effects.		
Aripiprazole[5]	Yes, as an adjunct with an antidepressant	FDA safety alert: uncontrollable urges to gamble, binge eat, shop or have sex. Other risks: akathisia, restlessness, sedation, headache, nausea and vomiting
Olanzapine[6]	For bipolar depression and treatment resistant depression, only in combination with fluoxetine	FDA safety alert: DRESS (drug reaction with eosinophilia and systemic symptoms) FDA black box: delirium/sedation syndrome with long acting injection (likely not relevant to use in depression) Other risks: akathisia, sedation, dizziness, headache, increased prolactin Risk of suicidal thoughts and behavior but does not have black box.
Quetiapine[7]	Yes, as an adjunct with an antidepressant	Other risks: sedation, hypertension, cataracts, hypothyroidism, headache, tachycardia, increased prolactin

Abbreviations: CNS=central nervous system; QTc=corrected QT interval

Appendix Table A3. Tricyclic antidepressants that are FDA-approved for treatment of major depressive disorder[1]

Drug	FDA-Labeled Indication for Depressive Disorders	Additional Warnings and Cautions relevant to Adults with Cardiovascular disease
Warnings: All antidepressants have a black box warning for increased risk of suicidal thinking and behavior in children, adolescents and adults 18-24 years of age. Contraindicated for use with or within 14 days of concomitant monoamine oxidase inhibitor (MAOI) therapy. Tricyclic antidepressants are contraindicated during the acute recovery period following a myocardial infarction. There is also a risk of withdrawal symptoms if discontinued abruptly. Tricyclic antidepressants should be used with caution in patients with a history of cardiovascular disease due to the risk of conduction abnormalities. Other risks related to tricyclic antidepressants include altered cardiac conduction (prolonged QTc), orthostatic hypotension, anticholinergic effects (including but not limited to constipation, urinary retention and blurred vision) and CNS depression including sedation. Tricyclic antidepressants should be used with caution in individuals with bipolar disorder, the elderly and those with hepatic impairment or a history of seizures.		

Drug	FDA-Labeled Indication for Depressive Disorders	Additional Warnings and Cautions relevant to Adults with Cardiovascular disease
Amitryptiline[8-9]	Yes	–
Amoxapine[10-11]	Yes	History of neuroleptic malignant syndrome, high environmental temperatures
Desipramine[12-13]	Yes	–
Doxepin	Yes	–
Imipramine[14-15]	Yes	–
Nortryptiline[16-17]	Yes	–
Protryptiline[18-19]	Yes	–
Trimipramine	Yes	–

Abbreviations: CNS=central nervous system; MAOI=monoamine oxidase inhibitor; QTc=corrected QT interval

Notes to Appendix Tables A1, A2, and A3:

1. Depression: Medicines to Help You. FDA office of women's Health. http://www.fda.gov/downloads/ForConsumers/ByAudience/ForWomen/FreePublications/UCM182083.pdf

2. Vilazodone: Drug Information. http://www.uptodate.com/contents/vilazodone-drug-information?source=search_result&search=vilazodone&selectedTitle=1%7E13#F11595949

3. Vorioxetine: Drug Information. http://www.uptodate.com/contents/vortioxetine-drug-information?source=search_result&search=vortioxetine&selectedTitle=1%7E8

4. Levomilnacipran: Drug Information. http://www.uptodate.com/contents/levomilnacipran-drug-information?source=search_result&search=levomilnacipran&selectedTitle=1%7E6

5. Aripiprazole: Drug Information. http://www.uptodate.com/contents/aripiprazole-short-acting-oral-and-injectable-and-long-acting-injectable-abilify-maintena-drug-information?source=search_result&search=abilify&selectedTitle=1%7E62

6. Olanzapine: Drug Information. http://www.uptodate.com/contents/olanzapine-drug-information?source=search_result&search=zyprexa&selectedTitle=1%7E121

7. Quetiapine: Drug Information. http://www.uptodate.com/contents/quetiapine-drug-information?source=search_result&search=quetiapine&selectedTitle=1%7E105

8. Amitriptyline: Product Information: amitriptyline hcl oral tablets, amitriptyline hcl oral tablets. Vintage Pharmaceuticals,LLC, Huntsville, AL, 2006.

9. Amitriptyline: Drug Information. http://www.uptodate.com/contents/amitriptyline-drug-information?source=search_result&search=Amitriptyline&selectedTitle=1~139

10. Amoxapine: Product Information: amoxapine oral tablets, amoxapine oral tablets. Watson Pharma, Inc. (per DailyMed), Parsippany, NJ, 2014.

12. Amoxapine: Drug Information. http://www.uptodate.com/contents/amoxapine-drug-information?source=search_result&search=amoxapine&selectedTitle=1~8

12. Desipramine: Product Information: NORPRAMIN(R) oral tablets, desipramine HCl oral tablets. Sanofi-Aventis U.S. LLC (per FDA), Bridgewater, NJ, 2014

13. Desipramine: Drug Information. http://www.uptodate.com/contents/desipramine-drug-information?source=search_result&search=Desipramine&selectedTitle=1~74

14. Imipramine: Product Information: Tofranil-PM(TM) oral capsules, imipramine pamoate oral capsules. Mallinckrodt Inc. (per FDA), Hazelwood, MO, 2014.

15. Imipramine: Drug Information. http://www.uptodate.com/contents/imipramine-drug-information?source=search_result&search=Imipramine&selectedTitle=1~76

16. Nortriptyline: Product Information: Pamelor(TM) oral solution, nortriptyline HCl oral solution. Mallinckrodt Inc. (per FDA), Hazelwood, MO, 2014.

17. Nortriptyline: Drug Information. http://www.uptodate.com/contents/nortriptyline-drug-information?source=search_result&search=Nortriptyline&selectedTitle=1~92

18. Protriptyline: Product Information: VIVACTIL(R) film-coated tablets, protriptyline HCl film-coated tablets. Teva Pharmaceuticals USA, Inc. (per FDA), Horsham, PA, 2014.

19. Protriptyline: Drug Information. http://www.uptodate.com/contents/protriptyline-drug-information?source=search_result&search=Protriptyline&selectedTitle=1~19

Appendix B. Exact Search Strings

PubMed® search strategy (August 22, 2016)

KQ 1:

#1	"Myocardial Infarction"[Mesh] OR "myocardial infarction"[tiab] OR "myocardial infarct"[tiab] OR "myocardial infarctions"[tiab] OR "heart infarction"[tiab] OR "heart infarct"[tiab] OR "heart infarctions"[tiab] OR "heart attack"[tiab] OR "heart attacks"[tiab]
#2	"Acute Coronary Syndrome"[Mesh] OR "acute coronary syndrome"[tiab]
#3	"Depression"[Mesh] OR "Mental Disorders"[Mesh] OR depression[tiab] OR depressive[tiab] OR "mood disorder"[tiab] OR "mood disorders"[tiab] OR "psychiatric disorder"[tiab] OR "psychiatric disorders"[tiab]
#4	"Depression/diagnosis"[Mesh] OR mass screening[mesh] OR questionnaires[mesh] OR Interviews as Topic[Mesh] OR Psychometrics[Mesh] OR Psychiatric Status Rating Scales[Mesh] OR questionnaire[tiab] OR questionnaires[tiab] OR screening[tiab] OR screen[tiab] OR scale[tiab] OR instrument[tiab] OR instruments[tiab] OR inventory[tiab] OR BDI[tiab] OR "beck depression inventory"[tiab] OR CES-D20[tiab] OR CES-D10[tiab] OR “Center for Epidemiologic Studies Depression Scale”[tiab] OR HADS[tiab] OR "HADS-D"[tiab] OR “Hospital Anxiety and Depression Scale”[tiab] OR PHQ-9[tiab] OR “Patient Health Questionnaire-9”[tiab] OR PHQ-8[tiab] OR “Patient Health Questionnaire-8”[tiab] OR “Zung SDS”[tiab] OR “Zung Self-Rating Depression Scale”[tiab] OR “Zung Self Assessment Depression Scale”[tiab] OR "symptom checklist 20"[tiab] OR "Hopkins symptom checklist"[tiab] OR "Kessler psychological distress scale"[tiab] OR "distress questionnaire 5"[tiab] OR "geriatric depression scale"[tiab] OR "gds-15"[tiab] OR "primary care rapid evaluation of mental disorders"[tiab] OR "prime-md"[tiab] OR "duke anxiety and depression scale"[tiab] OR "inventory to diagnose depression"[tiab] OR "IDS"[tiab] OR "world health organization 5"[tiab] OR "who-5"[tiab] OR "Quick Inventory of Depressive Symptomatology"[tiab] OR promis[tiab] OR "patient reported outcomes measurement information system"[tiab]
#5	(systematic[subset] OR "meta-analysis"[Publication Type] OR "meta-analysis as topic"[MeSH Terms] OR "meta-analysis"[tiab] OR "meta-analyses"[tiab] OR "Cross-Sectional Studies"[Mesh] OR "cross sectional"[tiab]"evaluation studies"[Publication Type] OR "evaluation studies as topic"[MeSH Terms] OR "evaluation study"[tiab] OR evaluation studies[tiab] OR "intervention study"[tiab] OR "intervention studies"[tiab] OR "case-control studies"[MeSH Terms] OR "case-control"[tiab] OR "cohort studies"[MeSH Terms] OR cohort[tiab] OR "longitudinal studies"[MeSH Terms] OR "longitudinal”[tiab] OR longitudinally[tiab] OR "prospective"[tiab] OR prospectively[tiab] OR "retrospective studies"[MeSH Terms] OR "retrospective"[tiab] OR "follow up"[tiab] OR "comparative study"[Publication Type] OR "comparative study"[tiab]) NOT (Editorial[ptyp] OR Letter[ptyp] OR Case Reports[ptyp] OR Comment[ptyp]) NOT (animals[mh] NOT humans[mh]) AND English[la] AND ("2003/01/01"[Date - Publication] : "3000"[Date - Publication])
# 6	(#1 OR #2) AND #3 AND #4 AND #5

KQ 2:

#1	"Myocardial Infarction"[Mesh] OR "myocardial infarction"[tiab] OR "myocardial infarct"[tiab] OR "myocardial infarctions"[tiab] OR "heart infarction"[tiab] OR "heart infarct"[tiab] OR "heart infarctions"[tiab] OR "heart attack"[tiab] OR "heart attacks"[tiab]
#2	"Acute Coronary Syndrome"[Mesh] OR "acute coronary syndrome"[tiab]
#3	"Depression"[Mesh] OR "Mental Disorders"[Mesh] OR depression[tiab] OR depressive[tiab] OR "mood disorder"[tiab] OR "mood disorders"[tiab] OR "psychiatric disorder"[tiab] OR "psychiatric disorders"[tiab]
#4	"Depression/therapy"[Mesh] OR "Antidepressive Agents"[Mesh] OR "Antidepressive Agents" [Pharmacological Action] OR "Antidepressive Agents, Tricyclic" [Pharmacological Action] OR "Antidepressive Agents, Second-Generation" [Pharmacological Action] OR "Aripiprazole"[Mesh] OR "olanzapine"[Supplementary Concept] OR "Quetiapine Fumarate"[Mesh] OR "Fish Oils"[Mesh] OR "Psychotherapy"[Mesh] OR "Exercise"[Mesh] OR "Physical Therapy Modalities"[Mesh] OR "Cardiovascular Diseases/rehabilitation"[Majr] OR "Hypericum"[Mesh] OR "Health Education"[Mesh] OR "Stress, Psychological"[Mesh] OR "Adaptation, Psychological"[Mesh] OR "Electroconvulsive Therapy"[Mesh] OR "continuity of patient care"[mesh] OR "Delivery of Health Care, Integrated"[Mesh] OR "Patient Care Team"[Mesh] OR "Patient Care Planning"[Mesh] OR "Disease Management"[Mesh] OR "Comprehensive Health Care"[Mesh:NoExp] OR "Patient Care Management"[Mesh:NoExp] OR "Transcranial Magnetic Stimulation"[Mesh] OR "S-Adenosylmethionine"[Mesh] OR amitriptyline[tiab] OR bupropion[tiab] OR citalopram[tiab] OR Desipramine[tiab] OR desvenlafaxine[tiab] OR Doxepin[tiab] OR duloxetine[tiab] OR fluoxetine[tiab] OR escitalopram[tiab] OR Imipramine[tiab] OR levomilnacipran[tiab] OR mirtazapine[tiab] OR nefazodone[tiab] OR paroxetine[tiab] OR Protriptyline[tiab] OR sertraline[tiab] OR trazodone[tiab] OR Trimipramine[tiab] OR venlafaxine[tiab] OR vilazodone[tiab] OR vortioxetine[tiab] OR aripiprazole[tiab] OR nortriptyline[tiab] OR olanzapine[tiab] OR quetiapine[tiab] OR Amoxapine[tiab] OR antidepressants[tiab] OR antidepressant[tiab] OR "fish oil"[tiab] OR "fish oils"[tiab] OR "fatty acid"[tiab] OR "fatty acids"[tiab] OR "omega 3"[tiab] OR "psychotherapy"[tiab] OR "behavior therapy"[tiab] OR "behavioral therapy"[tiab] OR "behaviour therapy"[tiab] OR "behavioural therapy"[tiab] OR "cognitive therapy"[tiab] OR "problem solving therapy"[tiab] OR "psychodynamic therapy"[tiab] OR mindfulness[tiab] OR "acceptance and commitment therapy"[tiab] OR "behavioral activation"[tiab] OR "behavioural activation"[tiab] OR "behavioral action"[tiab] OR "behavioural action"[tiab] OR exercise[tiab] OR psychosocial[tiab] OR "cardiac rehabilitation"[tiab] OR "physical therapy"[tiab] OR hypericum[tiab] OR "st john's wort"[tiab] OR "saint john's wort"[tiab] OR education[tiab] OR psychoeducation[tiab] OR stress[tiab] OR "collaborative care"[tiab] OR "care management"[tiab] OR "case management"[tiab] OR "disease management"[tiab] OR "enhanced care"[tiab] OR "managed care"[tiab] OR multidisciplinary[tiab] OR interprofessional[tiab] OR "team care"[tiab] OR "team consultation"[tiab] OR "team treatment"[tiab] OR "shared care"[tiab] OR "Transcranial Magnetic Stimulation"[tiab] OR "S-Adenosylmethionine"[tiab]
#5	(systematic[subset] OR "meta-analysis"[Publication Type] OR "meta-analysis as topic"[MeSH Terms] OR "meta-analysis"[tiab] OR "meta-analyses"[tiab] OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR randomised[tiab] OR randomization[tiab] OR randomisation[tiab] OR placebo[tiab] OR randomly[tiab] OR trial[tiab] OR groups[tiab]) NOT (animals[mh] NOT humans[mh]) NOT (Editorial[ptyp] OR Letter[ptyp] OR Case Reports[ptyp] OR Comment[ptyp]) AND English[la] AND ("2003/01/01"[Date - Publication] : "3000"[Date - Publication])
#6	(#1 OR #2) AND #3 AND #4 AND #5

Embase® search strategy (August 22, 2016)

Platform: Embase.com

KQ 1:

#1	'heart infarction'/exp OR "myocardial infarction":ab,ti OR "myocardial infarct":ab,ti OR "myocardial infarctions":ab,ti OR "heart infarction":ab,ti OR "heart infarct":ab,ti OR "heart infarctions":ab,ti OR "heart attack":ab,ti OR "heart attacks":ab,ti
#2	'acute coronary syndrome'/exp OR 'acute coronary syndrome':ab,ti
#3	'mental disease'/exp OR depression:ab,ti OR depressive:ab,ti OR "mood disorder":ab,ti OR "mood disorders":ab,ti OR "psychiatric disorder":ab,ti OR "psychiatric disorders":ab,ti
#4	'depression'/exp/dm_di OR 'screening'/exp OR ‘questionnaire'/exp OR 'interview'/exp OR 'Beck Depression Inventory'/exp OR 'Center for Epidemiological Studies Depression Scale'/exp OR 'Hospital Anxiety and Depression Scale'/exp OR 'psychometry'/exp OR 'psychological rating scale'/exp OR questionnaire:ab,ti OR questionnaires:ab,ti OR screening:ab,ti OR screen:ab,ti OR scale:ab,ti OR instrument:ab,ti OR instruments:ab,ti OR inventory:ab,ti OR BDI:ab,ti OR "beck depression inventory":ab,ti OR "CES D20":ab,ti OR "CES D10":ab,ti OR "Center for Epidemiologic Studies Depression Scale":ab,ti OR HADS:ab,ti OR "HADS D":ab,ti OR "Hospital Anxiety and Depression Scale":ab,ti OR "PHQ 9":ab,ti OR "Patient Health Questionnaire 9":ab,ti OR "PHQ 8":ab,ti OR "Patient Health Questionnaire 8":ab,ti OR "Zung SDS":ab,ti OR "Zung Self Rating Depression Scale":ab,ti OR "Zung Self Assessment Depression Scale":ab,ti OR "symptom checklist 20":ab,ti OR "Hopkins symptom checklist":ab,ti OR "Kessler psychological distress scale":ab,ti OR "distress questionnaire 5":ab,ti OR "geriatric depression scale":ab,ti OR "gds 15":ab,ti OR "primary care rapid evaluation of mental disorders":ab,ti OR "prime md":ab,ti OR "duke anxiety and depression scale":ab,ti OR "inventory to diagnose depression":ab,ti OR "world health organization 5":ab,ti OR "who 5":ab,ti OR "Quick Inventory of Depressive Symptomatology":ab,ti OR promis:ab,ti OR "patient reported outcomes measurement information system":ab,ti
#5	('evidence based medicine'/exp OR ‘systematic review’:ab,ti OR ‘meta-analysis’:ab,ti OR ‘meta-analyses’:ab,ti OR 'clinical study'/exp OR ‘clinical trial’:ti,ab OR ‘clinical trials’:ti,ab OR 'controlled study'/exp OR 'evaluation'/exp OR 'cross-sectional study'/exp OR 'cross sectional':ab,ti OR ‘evaluation study’:ab,ti OR ‘evaluation studies’:ab,ti OR ‘intervention study’:ab,ti OR ‘intervention studies’:ab,ti OR ‘case control’:ab,ti OR 'cohort analysis'/exp OR cohort:ab,ti OR longitudinal*:ab,ti OR prospective:ab,ti OR prospectively:ab,ti OR retrospective:ab,ti OR 'follow up'/exp OR ‘follow up’:ab,ti OR 'comparative effectiveness'/exp OR 'comparative study'/exp OR ‘comparative study’:ab,ti OR ‘comparative studies’:ab,ti) NOT ('case report'/exp OR 'case study'/exp OR 'editorial'/exp OR 'letter'/exp OR 'note'/exp OR [conference abstract]/lim) AND [2003-2016]/py AND [english]/lim AND [humans]/lim AND [embase]/lim NOT [medline]/lim
#6	(#1 OR #2) AND #3 AND #4 AND #5

KQ 2:

#1	'heart infarction'/exp OR "myocardial infarction":ab,ti OR "myocardial infarct":ab,ti OR "myocardial infarctions":ab,ti OR "heart infarction":ab,ti OR "heart infarct":ab,ti OR "heart infarctions":ab,ti OR "heart attack":ab,ti OR "heart attacks":ab,ti
#2	'acute coronary syndrome'/exp OR 'acute coronary syndrome':ab,ti
#3	'mental disease'/exp OR depression:ab,ti OR depressive:ab,ti OR "mood disorder":ab,ti OR "mood disorders":ab,ti OR "psychiatric disorder":ab,ti OR "psychiatric disorders":ab,ti
#4	'depression'/exp/dm_dt,dm_th,dm_rh,dm_dm,dm_pc OR 'antidepressant agent'/exp OR 'psychotherapy'/exp OR 'exercise'/exp OR 'physical medicine'/exp OR 'heart rehabilitation'/exp OR 'Hypericum'/exp OR 'fish oil'/exp OR 'omega 3 fatty acid'/exp OR 'health education'/exp OR

	'mental stress'/exp OR 'adaptive behavior'/exp OR 'electroconvulsive therapy'/exp OR 'transcranial magnetic stimulation'/exp OR 's adenosylmethionine'/exp OR bupropion:ab,ti OR citalopram:ab,ti OR desvenlafaxine:ab,ti OR duloxetine:ab,ti OR fluoxetine:ab,ti OR escitalopram:ab,ti OR levomilnacipran:ab,ti OR mirtazapine:ab,ti OR nefazodone:ab,ti OR paroxetine:ab,ti OR sertraline:ab,ti OR trazodone:ab,ti OR venlafaxine:ab,ti OR vilazodone:ab,ti OR vortioxetine:ab,ti OR amitriptyline:ab,ti OR Desipramine:ab,ti OR Doxepin:ab,ti OR Imipramine:ab,ti OR Protriptyline:ab,ti OR Trimipramine:ab,ti OR nortriptyline:ab,ti OR Amoxapine:ab,ti OR antidepressants:ab,ti OR antidepressant:ab,ti OR "fish oil":ab,ti OR "fish oils":ab,ti OR "fatty acid":ab,ti OR "fatty acids":ab,ti OR "omega 3":ab,ti OR "psychotherapy":ab,ti OR "behavior therapy":ab,ti OR "behavioral therapy":ab,ti OR "cognitive therapy":ab,ti OR "problem solving therapy":ab,ti OR "psychodynamic therapy":ab,ti OR mindfulness:ab,ti OR "acceptance and commitment therapy":ab,ti OR "reminiscence therapy":ab,ti OR "behavioral action":ab,ti OR "compassion-based therapy":ab,ti OR exercise:ab,ti OR psychosocial:ab,ti OR "cardiac rehabilitation":ab,ti OR "physical therapy":ab,ti OR hypericum:ab,ti OR "st john* wort":ab,ti OR "saint john* wort":ab,ti OR education:ab,ti OR psychoeducation:ab,ti OR stress:ab,ti OR "collaborative care":ab,ti OR "Transcranial Magnetic Stimulation":ab,ti OR "S Adenosylmethionine":ab,ti
#5	('evidence based medicine'/exp OR 'systematic review':ab,ti OR 'meta-analysis':ab,ti OR 'meta-analyses':ab,ti OR random*:ab,ti OR factorial*:ab,ti OR crossover*:ab,ti OR 'cross over':ab,ti OR 'cross overs':ab,ti OR placebo*:ab,ti OR doubl* NEAR/1 blind* OR singl* NEAR/1 blind* OR assign*:ab,ti OR allocat*:ab,ti OR volunteer*:ab,ti OR 'double blind procedure'/exp OR 'crossover procedure'/exp OR 'randomized controlled trial'/exp OR 'single blind procedure'/exp OR 'clinical study'/exp OR 'clinical trial':ti,ab OR 'clinical trials':ti,ab OR 'controlled study'/exp) NOT ('case report'/exp OR 'case study'/exp OR 'editorial'/exp OR 'letter'/exp OR 'note'/exp OR [conference abstract]/lim) AND [2003-2016]/py AND [english]/lim AND [humans]/lim AND [embase]/lim NOT [medline]/lim
#6	(#1 OR #2) AND #3 AND #4 AND #5

Cochrane search strategy (August 22, 2016)

Platform: Wiley
Database searched: Cochrane Database of Systematic Reviews

#1	[mh "Myocardial Infarction"]
#2	"myocardial infarction":ab,ti OR "myocardial infarct":ab,ti OR "myocardial infarctions":ab,ti OR "heart infarction":ab,ti OR "heart infarct":ab,ti OR "heart infarctions":ab,ti OR "heart attack":ab,ti OR "heart attacks":ab,ti
#3	#1 OR #2
#4	[mh "Acute Coronary Syndrome"]
#5	"acute coronary syndrome":ab,ti
#6	#4 OR #5
#7	[mh Depression] OR [mh "Mental Disorders"]
#8	depression:ab,ti OR depressive:ab,ti OR "mood disorder":ab,ti OR "mood disorders":ab,ti OR "psychiatric disorder":ab,ti OR "psychiatric disorders":ab,ti
#9	#7 OR #8
#10	(#3 OR #6) AND #9

PsycINFO search strategy (August 22, 2016)

KQ 1:

#1	DE "Myocardial Infarctions" OR TI ("myocardial infarction" OR "myocardial infarct" OR "myocardial infarctions" OR "heart infarction" OR "heart infarct" OR "heart infarctions" OR "heart attack" OR "heart attacks") OR AB ("myocardial infarction" OR "myocardial infarct" OR "myocardial infarctions" OR "heart infarction" OR "heart infarct" OR "heart infarctions" OR "heart attack" OR "heart attacks")
#2	TI ("acute coronary syndrome") OR AB ("acute coronary syndrome")
#3	(DE "Depression (Emotion)") OR (DE "Major Depression" OR DE "Anaclitic Depression" OR DE "Dysthymic Disorder" OR DE "Endogenous Depression" OR DE "Late Life Depression" OR DE "Reactive Depression" OR DE "Recurrent Depression" OR DE "Treatment Resistant Depression") OR TI (depression OR depressive OR "mood disorder" OR "mood disorders" OR "psychiatric disorder" OR "psychiatric disorders") OR AB (depression OR depressive OR "mood disorder" OR "mood disorders" OR "psychiatric disorder" OR "psychiatric disorders")
#4	DE "Screening" OR DE "Screening Tests" OR DE "Psychological Screening Inventory" OR DE "Rating Scales" OR DE "Inventories" OR DE "Psychological Assessment" OR DE "Psychodiagnosis" OR DE "Psychodiagnostic Interview" OR DE "Questionnaires" OR DE "General Health Questionnaire" OR ((DE "Beck Depression Inventory") OR (DE "Zungs Self Rating Depression Scale")) OR TI (questionnaire OR questionnaires OR screening OR screen OR scale OR instrument OR instruments OR inventory OR BDI OR "beck depression inventory" OR CES-D20 OR CES-D10 OR “Center for Epidemiologic Studies Depression Scale” OR HADS OR HADS-D OR “Hospital Anxiety and Depression Scale” OR PHQ-9 OR PHQ-8 OR “Patient Health Questionnaire” OR “Zung SDS” OR “Zung Self-Rating Depression Scale” OR “Zung Self Assessment Depression Scale" OR "symptom checklist 20" OR "Hopkins symptom checklist" OR "Kessler psychological distress scale" OR "distress questionnaire 5" OR "geriatric depression scale" OR "gds-15" OR "primary care rapid evaluation of mental disorders" OR "prime-md" OR "duke anxiety and depression scale" OR "inventory to diagnose depression" OR "world health organization 5" OR "who-5" OR "Quick Inventory of Depressive Symptomatology" OR promis OR "patient reported outcomes measurement information system") OR AB (questionnaire OR questionnaires OR screening OR screen OR scale OR instrument OR instruments OR inventory OR BDI OR "beck depression inventory" OR CES-D20 OR CES-D10 OR “Center for Epidemiologic Studies Depression Scale” OR HADS OR HADS-D OR “Hospital Anxiety and Depression Scale” OR PHQ-9 OR PHQ-8 OR “Patient Health Questionnaire” OR “Zung SDS” OR “Zung Self-Rating Depression Scale” OR “Zung Self Assessment Depression Scale" OR "symptom checklist 20" OR "Hopkins symptom checklist" OR "Kessler psychological distress scale" OR "distress questionnaire 5" OR "geriatric depression scale" OR "gds-15" OR OR "primary care rapid evaluation of mental disorders" OR "prime-md" OR "duke anxiety and depression scale" OR "inventory to diagnose depression" OR "world health organization 5" OR "who-5" OR "Quick Inventory of Depressive Symptomatology" OR promis OR "patient reported outcomes measurement information system")
#5	ZC "meta analysis" OR ZC "systematic review" OR DE "Meta Analysis" OR TI ("meta-analysis" OR "meta-analyses" OR "systematic review" OR "systematic reviews") OR AB ("meta-analysis" OR "meta-analyses" OR "systematic review" OR "systematic reviews") OR ZC "longitudinal study" OR ZC "empirical study" OR ZC "followup study" OR ZC "longitudinal study" OR ZC "prospective study" OR ZC "retrospective study" OR DE "Cohort Analysis" OR DE "Followup Studies" OR DE "Longitudinal Studies" OR DE "Prospective Studies" OR TI ("evaluation study" OR evaluation studies OR "intervention study" OR "intervention studies" OR "case-control" OR cohort OR longitudinal OR longitudinally OR prospective OR prospectively OR retrospective OR "comparative study") OR AB ("evaluation study" OR evaluation studies OR "intervention study" OR "intervention studies" OR "case-control" OR cohort OR longitudinal OR longitudinally OR prospective OR prospectively OR retrospective OR "comparative study") AND (ZZ "journal article")
#6	(S1 OR S2) AND S3 AND S4 AND S5 Limits: English, 2003 – present, Human

KQ 2:

#1	DE "Myocardial Infarctions" OR TI ("myocardial infarction" OR "myocardial infarct" OR "myocardial infarctions" OR "heart infarction" OR "heart infarct" OR "heart infarctions" OR "heart attack" OR "heart attacks") OR AB ("myocardial infarction" OR "myocardial infarct" OR "myocardial infarctions" OR "heart infarction" OR "heart infarct" OR "heart infarctions" OR "heart attack" OR "heart attacks")
#2	TI ("acute coronary syndrome") OR AB ("acute coronary syndrome")
#3	(DE "Depression (Emotion)") OR (DE "Major Depression" OR DE "Anaclitic Depression" OR DE "Dysthymic Disorder" OR DE "Endogenous Depression" OR DE "Late Life Depression" OR DE "Reactive Depression" OR DE "Recurrent Depression" OR DE "Treatment Resistant Depression") OR TI (depression OR depressive OR "mood disorder" OR "mood disorders" OR "psychiatric disorder" OR "psychiatric disorders") OR AB (depression OR depressive OR "mood disorder" OR "mood disorders" OR "psychiatric disorder" OR "psychiatric disorders")
#4	DE "Antidepressant Drugs" OR DE "Bupropion" OR DE "Citalopram" OR DE "Fluoxetine" OR DE "Fluvoxamine" OR DE "Iproniazid" OR DE "Isocarboxazid" OR DE "Lithium Carbonate" OR DE "Methylphenidate" OR DE "Mianserin" OR DE "Moclobemide" OR DE "Molindone" OR DE "Nefazodone" OR DE "Nialamide" OR DE "Nomifensine" OR DE "Paroxetine" OR DE "Phenelzine" OR DE "Pheniprazine" OR DE "Pipradrol" OR DE "Serotonin Norepinephrine Reuptake Inhibitors" OR DE "Sertraline" OR DE "Sulpiride" OR DE "Tranylcypromine" OR DE "Trazodone" OR DE "Tricyclic Antidepressant Drugs" OR DE "Venlafaxine" OR DE "Zimeldine" OR DE "Psychotherapy" OR DE "Adlerian Psychotherapy" OR DE "Adolescent Psychotherapy" OR DE "Affirmative Therapy" OR DE "Analytical Psychotherapy" OR DE "Autogenic Training" OR DE "Behavior Therapy" OR DE "Brief Psychotherapy" OR DE "Brief Relational Therapy" OR DE "Child Psychotherapy" OR DE "Client Centered Therapy" OR DE "Cognitive Behavior Therapy" OR DE "Conversion Therapy" OR DE "Eclectic Psychotherapy" OR DE "Emotion Focused Therapy" OR DE "Existential Therapy" OR DE "Experiential Psychotherapy" OR DE "Expressive Psychotherapy" OR DE "Eye Movement Desensitization Therapy" OR DE "Feminist Therapy" OR DE "Geriatric Psychotherapy" OR DE "Gestalt Therapy" OR DE "Group Psychotherapy" OR DE "Guided Imagery" OR DE "Humanistic Psychotherapy" OR DE "Hypnotherapy" OR DE "Individual Psychotherapy" OR DE "Insight Therapy" OR DE "Integrative Psychotherapy" OR DE "Interpersonal Psychotherapy" OR DE "Logotherapy" OR DE "Narrative Therapy" OR DE "Network Therapy" OR DE "Persuasion Therapy" OR DE "Primal Therapy" OR DE "Psychoanalysis" OR DE "Psychodrama" OR DE "Psychodynamic Psychotherapy" OR DE "Psychotherapeutic Counseling" OR DE "Rational Emotive Behavior Therapy" OR DE "Reality Therapy" OR DE "Relationship Therapy" OR DE "Solution Focused Therapy" OR DE "Supportive Psychotherapy" OR DE "Transactional Analysis" OR DE "Exercise" OR DE "Aerobic Exercise" OR DE "Weightlifting" OR DE "Yoga" OR DE "Physical Therapy" OR DE "Rehabilitation" OR DE "Hypericum Perforatum" OR DE "Health Education" OR DE "Stress" OR DE "Psychological Stress" OR DE "Stress and Coping Measures" OR DE "Electroconvulsive Shock Therapy" OR DE "Continuum of Care" OR DE "Transcranial Magnetic Stimulation" OR TI (bupropion OR citalopram OR desvenlafaxine OR duloxetine OR fluoxetine OR escitalopram OR levomilnacipran OR mirtazapine OR nefazodone OR paroxetine OR sertraline OR trazodone OR venlafaxine OR vilazodone OR vortioxetine OR amitriptyline OR Desipramine OR Doxepin OR Imipramine OR Protriptyline OR Trimipramine OR nortriptyline OR Amoxapine OR antidepressants OR antidepressant OR "psychotherapy" OR "behavior therapy" OR "behavioral therapy" OR "cognitive therapy" OR "problem solving therapy" OR "psychodynamic therapy" OR mindfulness OR "acceptance and commitment therapy" OR "reminiscence therapy" OR "behavioral action" OR "compassion-based therapy" OR exercise OR psychosocial OR "cardiac rehabilitation" OR "physical therapy" OR hypericum OR "st john's wort" OR "saint john's wort" OR education OR psychoeducation OR stress OR "collaborative care" OR "Transcranial Magnetic Stimulation" OR "S-Adenosylmethionine" OR "fish oil" OR "fish oils" OR "fatty acid" OR "fatty acids" OR "omega 3") OR AB (bupropion OR citalopram OR desvenlafaxine OR duloxetine OR fluoxetine OR escitalopram OR levomilnacipran OR mirtazapine OR nefazodone OR paroxetine OR sertraline OR trazodone OR venlafaxine OR vilazodone OR vortioxetine OR amitriptyline OR Desipramine OR Doxepin OR Imipramine OR Protriptyline OR Trimipramine OR nortriptyline OR Amoxapine OR

	antidepressants OR antidepressant OR "psychotherapy" OR "behavior therapy" OR "behavioral therapy" OR "cognitive therapy" OR "problem solving therapy" OR "psychodynamic therapy" OR mindfulness OR "acceptance and commitment therapy" OR "reminiscence therapy" OR "behavioral action" OR "compassion-based therapy" OR exercise OR psychosocial OR "cardiac rehabilitation" OR "physical therapy" OR hypericum OR "st john's wort" OR "saint john's wort" OR education OR psychoeducation OR stress OR "collaborative care" OR "Transcranial Magnetic Stimulation" OR "S-Adenosylmethionine" OR "fish oil" OR "fish oils" OR "fatty acid" OR "fatty acids" OR "omega 3")
#5	ZC "treatment outcome/clinical trial" OR DE "Clinical Trials" OR TI (randomized OR randomised OR randomization OR randomisation OR randomly OR trial OR groups OR trials) OR AB (randomized OR randomised OR randomization OR randomisation OR randomly OR trial OR groups OR trials) OR ZC "meta analysis" OR ZC "systematic review" OR DE "Meta Analysis" OR TI (OR "meta-analysis" OR "meta-analyses" OR "systematic review" OR "systematic reviews) OR AB (OR "meta-analysis" OR "meta-analyses" OR "systematic review" OR "systematic reviews) AND (ZZ "journal article")
#6	(S1 OR S2) AND S3 AND S4 AND S5 Limits: English, 2003 – present, Human

CINAHL search strategy (August 22, 2016)

KQ 1:

#1	(MH "Myocardial Infarction+") OR TI ("myocardial infarction" OR "myocardial infarct" OR "myocardial infarctions" OR "heart infarction" OR "heart infarct" OR "heart infarctions" OR "heart attack" OR "heart attacks") OR AB ("myocardial infarction" OR "myocardial infarct" OR "myocardial infarctions" OR "heart infarction" OR "heart infarct" OR "heart infarctions" OR "heart attack" OR "heart attacks")
#2	(MH "Acute Coronary Syndrome") OR TI "Acute Coronary Syndrome" OR AB "Acute Coronary Syndrome"
#3	(MH "Affective Disorders+") OR TI (depression OR depressive OR "mood disorder" OR "mood disorders" OR "psychiatric disorder" OR "psychiatric disorders") OR AB (depression OR depressive OR "mood disorder" OR "mood disorders" OR "psychiatric disorder" OR "psychiatric disorders")
#4	(MH "Depression+/DI") OR (MH "Health Screening+") OR (MH "Questionnaires+") OR (MH "Interviews+") OR (MH "Psychometrics") OR (MH "Psychological Tests+") OR (MH "Behavior Rating Scales") OR (MH "Scales") OR (MH "Beck Depression Inventory, Revised Edition") OR (MH "Center for Epidemiological Studies Depression Scale") OR (MH "Geriatric Depression Scale") OR TI (questionnaire OR questionnaires OR screening OR screen OR scale OR instrument OR instruments OR inventory OR BDI OR "beck depression inventory" OR CES-D20 OR CES-D10 OR “Center for Epidemiologic Studies Depression Scale” OR HADS OR HADS-D OR “Hospital Anxiety and Depression Scale” OR PHQ-9 OR PHQ-8 OR “Patient Health Questionnaire” OR “Zung SDS” OR “Zung Self-Rating Depression Scale” OR “Zung Self Assessment Depression Scale" OR "symptom checklist 20" OR "Hopkins symptom checklist" OR "Kessler psychological distress scale" OR "distress questionnaire 5" OR "geriatric depression scale" OR "gds-15" OR "primary care rapid evaluation of mental disorders" OR "prime-md" OR "duke anxiety and depression scale" OR "inventory to diagnose depression" OR "world health organization 5" OR "who-5" OR "Quick Inventory of Depressive Symptomatology" OR promis OR "patient reported outcomes measurement information system") OR AB (questionnaire OR questionnaires OR screening OR screen OR scale OR instrument OR instruments OR inventory OR BDI OR "beck depression inventory" OR CES-D20 OR CES-D10 OR “Center for Epidemiologic Studies Depression Scale” OR HADS OR HADS-D OR “Hospital Anxiety and Depression Scale” OR PHQ-9 OR PHQ-8 OR “Patient Health Questionnaire” OR “Zung SDS” OR “Zung Self-Rating Depression Scale” OR “Zung Self Assessment Depression Scale" OR "symptom checklist 20" OR "Hopkins symptom checklist"

	OR "Kessler psychological distress scale" OR "distress questionnaire 5" OR "geriatric depression scale" OR "gds-15" OR OR "primary care rapid evaluation of mental disorders" OR "prime-md" OR "duke anxiety and depression scale" OR "inventory to diagnose depression" OR "world health organization 5" OR "who-5" OR "Quick Inventory of Depressive Symptomatology" OR promis OR "patient reported outcomes measurement information system")
#5	MH "Systematic Review" OR MH "Meta Analysis" OR TI ("systematic review" OR "systematic reviews" OR "meta-analysis" OR "meta-analyses") OR AB ("systematic review" OR "systematic reviews" OR "meta-analysis" OR "meta-analyses") OR (MH "Retrospective Design") OR (MH "Empirical Research") OR (MH "Nonexperimental Studies+") OR TI ("evaluation study" OR evaluation studies OR "intervention study" OR "intervention studies" OR "case-control" OR cohort OR longitudinal OR longitudinally OR prospective OR prospectively OR retrospective OR "comparative study") OR AB ("evaluation study" OR evaluation studies OR "intervention study" OR "intervention studies" OR "case-control" OR cohort OR longitudinal OR longitudinally OR prospective OR prospectively OR retrospective OR "comparative study") AND (ZT "journal article")
#6	(S1 OR S2) AND S3 AND S4 AND S5

KQ 2:

#1	(MH "Myocardial Infarction+") OR TI ("myocardial infarction" OR "myocardial infarct" OR "myocardial infarctions" OR "heart infarction" OR "heart infarct" OR "heart infarctions" OR "heart attack" OR "heart attacks") OR AB ("myocardial infarction" OR "myocardial infarct" OR "myocardial infarctions" OR "heart infarction" OR "heart infarct" OR "heart infarctions" OR "heart attack" OR "heart attacks")
#2	(MH "Acute Coronary Syndrome") OR TI "Acute Coronary Syndrome" OR AB "Acute Coronary Syndrome"
#3	(MH "Affective Disorders+") OR TI (depression OR depressive OR "mood disorder" OR "mood disorders" OR "psychiatric disorder" OR "psychiatric disorders") OR AB (depression OR depressive OR "mood disorder" OR "mood disorders" OR "psychiatric disorder" OR "psychiatric disorders")
#4	(MH "Depression+/TH") OR (MH "Antidepressive Agents+") OR (MH "Psychotherapy+") OR (MH "Exercise+") OR (MH "Physical Therapy+") OR (MH "Rehabilitation, Cardiac+") OR (MH "St. John's Wort") OR (MH "Health Education+") OR (MH "Adaptation, Psychological+") OR (MH "Stress Management") OR (MH "Electroconvulsive Therapy") OR (MH "Continuity of Patient Care+") OR (MH "Fish Oils+") OR (MH "Transcranial Magnetic Stimulation") OR (MH "S-Adenosylmethionine") OR TI (bupropion OR citalopram OR desvenlafaxine OR duloxetine OR fluoxetine OR escitalopram OR levomilnacipran OR mirtazapine OR nefazodone OR paroxetine OR sertraline OR trazodone OR venlafaxine OR vilazodone OR vortioxetine OR amitriptyline OR Desipramine OR Doxepin OR Imipramine OR Protriptyline OR Trimipramine OR nortriptyline OR Amoxapine OR antidepressants OR antidepressant OR "psychotherapy" OR "behavior therapy" OR "behavioral therapy" OR "cognitive therapy" OR "problem solving therapy" OR "psychodynamic therapy" OR mindfulness OR "acceptance and commitment therapy" OR "reminiscence therapy" OR "behavioral action" OR "compassion-based therapy" OR exercise OR psychosocial OR "cardiac rehabilitation" OR "physical therapy" OR hypericum OR "st john's wort" OR "saint john's wort" OR education OR psychoeducation OR stress OR "collaborative care" OR "Transcranial Magnetic Stimulation" OR "S-Adenosylmethionine" OR "fish oil" OR "fish oils" OR "fatty acid" OR "fatty acids" OR "omega 3") OR AB (bupropion OR citalopram OR desvenlafaxine OR duloxetine OR fluoxetine OR escitalopram OR levomilnacipran OR mirtazapine OR nefazodone OR paroxetine OR sertraline OR trazodone OR venlafaxine OR vilazodone OR vortioxetine OR amitriptyline OR Desipramine OR Doxepin OR Imipramine OR Protriptyline OR Trimipramine OR nortriptyline OR Amoxapine OR antidepressants OR antidepressant OR "psychotherapy" OR "behavior therapy" OR "behavioral therapy" OR "cognitive therapy" OR "problem solving therapy" OR "psychodynamic

	therapy" OR mindfulness OR "acceptance and commitment therapy" OR "reminiscence therapy" OR "behavioral action" OR "compassion-based therapy" OR exercise OR psychosocial OR "cardiac rehabilitation" OR "physical therapy" OR hypericum OR "st john's wort" OR "saint john's wort" OR education OR psychoeducation OR stress OR "collaborative care" OR "Transcranial Magnetic Stimulation" OR "S-Adenosylmethionine" OR "fish oil" OR "fish oils" OR "fatty acid" OR "fatty acids" OR "omega 3")
#5	(ZT "randomized controlled trial") OR MH "Randomized Controlled Trials" OR TI ("randomized controlled trial" OR "controlled clinical trial" OR "randomized" OR "randomized" OR "randomization" OR "randomization" OR "placebo" OR "randomly" OR "trial" OR "groups") OR AB ("randomized controlled trial" OR "controlled clinical trial" OR "randomized" OR "randomized" OR "randomization" OR "randomization" OR "placebo" OR "randomly" OR "trial" OR "groups") OR MH "Systematic Review" OR MH "Meta Analysis" OR TI ("systematic review" OR "systematic reviews" OR "meta-analysis" OR "meta-analyses") OR AB ("systematic review" OR "systematic reviews" OR "meta-analysis" OR "meta-analyses") OR (MH "Empirical Research") AND (ZT "journal article")
#6	(S1 OR S2) AND S3 AND S4 AND S5

Gray Literature Search

ClinicalTrials.gov (September 15, 2016)

Search Terms	("Myocardial Infarction" OR "myocardial infarctions" OR "heart attack" OR "heart attacks" OR "Acute Coronary Syndrome") AND (Depression OR "Mental Disorders" OR depressive OR "mood disorder" OR "mood disorders" OR psychiatric)
Recruitment	Completed studies

Total number of results: 57

Appendix C. Data Abstraction Elements

Study Characteristics

- Study Identifiers
  - Study Name or Acronym
  - NCT number or other trial registry identifier
  - Last name of first author
- Additional Articles Used in This Abstraction
- Purpose of the Study
- Key Question Applicability (Select all that apply):
  - KQ1, KQ2
- Study Sites:
  - Single center, Multicenter, Unclear/Not reported
- Geographic Location (Select all that apply):
  - US, Canada, UK/Europe, Latin America, Middle East (includes Israel), Asia, Africa, Australia/New Zealand, Unclear/Not reported
- Study Design:
  - Observational
  - RCT
  - Cluster RCT
- Funding Source (Select all that apply):
  - Government, Industry, Non-government/non-industry, Unclear/Not reported
- Setting (Select all that apply):
  - Outpatient, Inpatient, Other (specify), Unclear/Not reported
- Study Enrollment/Study Completion
  - Is the entire population of the study relevant to this review, or only a portion?:
    - Entire study population, Only a portion of the study population
  - For the relevant population:
    - N enrolled/included
    - N completed (those who completed the final outcome assessment of the primary study publication)
  - Data reported for any subgroups of interest? (Select all that apply):
    - Age (older adults [≥ 65 years] versus adults younger than 65 years of age), Race/ethnicity, Sex, In- vs outpatient, None
  - Is the study population entirely composed of a population that falls into a subgroup of interest?: (Select all that apply)
    - No, Yes
    - If yes, specify the subgroup category.
- Cardiac-related inclusion criteria used in the study
- Comments

Baseline Characteristics

- Record the following elements for Total Population, Arm 1, Arm 2, Arm 3, Arm 4, and Arm 5 (as applicable)
  - Number of Patients (N; and for individual arms, %)

- Age in Years
    - Mean
    - Median
    - Standard Deviation
    - Min
    - Max
    - 25% IQR
    - 75% IQR
    - Categorical (describe)
    - Other, specify
- Proportion of Women and Men (N and %)
- Race/Ethnicity (N and %)
    - Hispanic or Latino
    - Black/African American
    - American Indian or Alaska Native
    - Asian
    - Native Hawaiian or Pacific Islander
    - White
    - Multiracial
    - Other (specify)
    - Unknown
- Socioeconomic Factors (Indicate elements reported and describe data)
    - Insurance Status
    - Income Level
    - Social Class
    - Level of Education
    - Other
    - Unclear or NR
- Depression Severity (Indicate elements reported and describe data)
    - PHQ-9 Continuous Measure
    - Other Continuous Measures
    - Categorical Measures
    - Unclear or NR
- Cardiac Severity (Indicate elements reported and describe data)
    - Type of ACS Event
    - Functional Class
    - LV function
    - Unclear or NR
- Renal Function
    - If reported - list measure and describe data
    - Unclear or NR

- Comments

KQ 1 Intervention Characteristics and Outcomes

- For Each Tool of Interest Assessed, Specify:
    - Tool name

    - Number of questions
    - Mode of administration
    - N patients assessed
- Criterion Standard (Specify the following):
    - Tool/ type
    - N patients assessed
    - Mode of administration
- Prevalence of Post-ACS Depression in the Population
- Timing of Screening
- Threshold(s) Considered
- Record the following for selected thresholds and populations assessed:
    - Major Depressive Disorder
        - Chosen threshold
        - Threshold rationale
        - Sensitivity (%)
        - Sensitivity (%)
        - PPV (%)
        - NPV (%)
        - AUC
        - p value
    - Major Depressive Disorder and Dysthymic Disorder
        - Chosen threshold
        - Threshold rationale
        - Sensitivity (%)
        - Sensitivity (%)
        - PPV (%)
        - NPV (%)
        - AUC
        - p value
    - Major Depressive Disorder (MDD), MDD and Dysthymic Disorder, Minor Depressive Disorder, Partial Remission of MDD, or Dysthymic Disorder
        - Chosen threshold
        - Threshold rationale
        - Sensitivity (%)
        - Sensitivity (%)
        - PPV (%)
        - NPV (%)
        - AUC
        - p value

KQ 2 Intervention Characteristics

- High Level Intervention/Comparison (Select all that apply):
    - KQ 2: Medical therapy vs Medical therapy
    - KQ 2: Medical therapy vs Psychotherapy
    - KQ 2: Medical therapy vs Other treatment
    - KQ 2: Medical therapy vs Enhanced care delivery

    - KQ 2: Medical therapy vs Usual care
    - KQ 2: Psychotherapy vs Psychotherapy
    - KQ 2: Psychotherapy vs Other treatment
    - KQ 2: Psychotherapy vs Enhanced care delivery
    - KQ 2: Psychotherapy vs Usual care
    - KQ 2: Other treatment vs Other treatment
    - KQ 2: Other treatment vs Enhanced care delivery
    - KQ 2: Other treatment vs Usual care
    - KQ 2: Enhanced care delivery vs Enhanced care delivery
    - KQ 2: Enhanced care delivery vs Usual care
    - KQ 2: Combination of categories vs a single category or another combination (describe)
- If applicable, describe the Usual care intervention
- Intervention Descriptors (For each arm)
    - Describe the intervention received by the patient group.
    - Categorize the Depression-Focused Intervention (Select all that apply):
        - Medical Therapy
        - Psychotherapy
        - Enhanced Care Delivery
        - Other treatments (e.g., aerobic exercise, fish oils) - specify
        - Usual Care
    - Provide a Descriptive Label for the Depression-Focused Intervention
- Comments

KQ 2 Outcomes

- Select the Category of Outcome Reported:
    - Clinical outcomes, Quality of Life, Cost-effectiveness, Utilization of healthcare services, Discontinuation of depression intervention due to adverse effects, Adverse effects of treatment
- Select the Specific Outcome Reported:
    - Clinical outcomes
        - Total mortality
        - Depression related outcomes: Response or remission of depressive symptoms using validated continuous or categorical measures
        - Cardiac mortality
        - Repeat ACS event (repeat MI or unstable angina)
        - Resuscitated arrest
        - Stroke
        - Arrhythmias
        - Revascularization
        - MACE composite
    - Quality of Life
    - Cost-effectiveness
    - Utilization of healthcare services
        - Cardiac medication adherence
        - Readmission rates due to cardiac and non-cardiac reasons

        - Emergency room visits: all visits
        - Emergency room visits: cardiac-related
        - Emergency room visits: psychiatric-related
        - Hospitalization
    - Discontinuation of depression intervention due to adverse effects
    - Adverse effects of treatment
        - Weight gain
        - GI bleeding
        - Arrhythmias
        - Suicidal ideation, behaviors, or attempts
- Describe the outcome measure represented on this form
- Categorize timing of the outcome:
    - During hospitalization/at discharge
    - Within 30 days of hospitalization for an acute ACS event
    - Within 3 months of hospitalization for an acute ACS event
    - Beyond 3 months of hospitalization for an acute ACS event
    - Unclear
- Record the specific timepoint for this outcome
- Select outcome type (Continuous or Categorical)
    - If Continuous:
        - Label intervention
        - Label comparator
        - Record available baseline data:
            - Intervention
                - N
                - Baseline Average (mean, median, NR)
                - Baseline Variability (SD, IQR, Range, SE, NR)
            - Comparator
                - N
                - Baseline Average
                - Baseline Variability
                - NR
            - NR
        - Record available follow-up data:
            - Intervention
                - N analyzed
                - Average (mean at follow-up, median at follow-up, within group difference, NR)
                - Variability (SD, IQR, Range, SE, 95% CI, NR)
            - Comparator
                - N analyzed
                - Average
                - Variability
                - NR
            - Effect Estimate
                - N analyzed

            - Effect size (mean difference, regression coefficient, Cohen's d, Hedges' g, NR)
            - Variability (95% CI, SE, value, Other, NR)
    - If Categorical
        - Label intervention
        - Label comparator
        - Intervention
            - N with event
            - N denominator
            - NR
        - Comparator
            - N with event
            - N denominator
            - NR
        - Effect Estimate
            - Between group effect (OR, RR, HR, NR)
            - Variance (95% CI, SE, p value, NR)
- Comments

Quality

- Applicable KQ (select one):
    - KQ 1 (QUADAS-2 Tool)
    - KQ 2 (Cochrane Tool)
- If KQ 1, rate each individual element as Yes/No/Unclear, then rate each domain as Low/High/Unclear risk of bias.
    - Patient Selection
        - Individual Elements:
            - Was a consecutive or random sample of patients enrolled?
            - Was a case-control design avoided?
            - Did the study avoid inappropriate exclusions?
        - Domain summary: Could the selection of patients have introduced bias? (Indicate risk: Low/High/Unclear)
    - Index Tests
        - Individual Elements:
            - Were the index test results interpreted without knowledge of the reference standard?
            - If a threshold was used, was it pre-specified?
        - Domain summary: Could the conduct or interpretation of the index test have introduced bias? (Indicate risk: Low/High/Unclear)
    - Reference Standards
        - Individual Elements:
            - Is the reference standard likely to correctly classify the target condition?
            - Were the reference standard results interpreted without knowledge of the results of the index test?

        - Domain summary: Could the reference standard, its conduct, or its interpretation have introduced bias? (Indicate risk: Low/High/Unclear)
    - Flow and Timing
        - Individual Elements:
            - Was there an appropriate interval between index test(s) and reference standard?
            - Did all patients receive a reference standard?
            - Did all patients receive the same reference standard?
            - Were all patients included in the analysis?
        - Domain summary: Could the patient flow have introduced bias? (Indicate risk: Low/High/Unclear)
- If KQ 2, rate each domain item listed as Low/High/Unclear risk and describe:
    - Random sequence generation
    - Allocation concealment
    - Blinding of participants and personnel
    - Blinding of outcome assessment
    - Incomplete outcome data
    - Selective reporting
    - Other Bias
- If KQ2, rate the overall study risk of bias (Good/Fair/Poor)
    - **Good** (low risk of bias). These studies have the least bias, and the results are considered valid. These studies adhere to the commonly held concepts of high quality, including the following: a clear description of the population, setting, approaches, and comparison groups; appropriate measurement of outcomes; appropriate statistical and analytical methods and reporting; no reporting errors; a low dropout rate; and clear reporting of dropouts.
    - **Fair**. These studies are susceptible to some bias, but not enough to invalidate the results. They do not meet all the criteria required for a rating of good quality because they have some deficiencies, but no flaw is likely to cause major bias. The study may be missing information, making it difficult to assess limitations and potential problems.
    - **Poor** (high risk of bias). These studies have significant flaws that may have invalidated the results. They have serious errors in design, analysis, or reporting; large amounts of missing information; or discrepancies in reporting.
    - If the study is rated as “Fair” or “Poor,” provide rationale.
- Outcome-specific quality rating
    - Should any of the outcomes abstracted for this study should be assigned a quality rating different from the overall study rating? (No/Yes)
        - If yes, provide the outcome(s), rating(s), and rationale(s).
- Comments

Applicability – Use the PICOS format to identify specific issues, if any, which may limit the applicability of the study.

- Population (P)
    - Narrow eligibility criteria and exclusion of those with comorbidities
    - More complex patients than typical of the community

    - Run-in period with high exclusion rate for non-adherence or side effects
- Intervention (I)
    - Diagnostic tools used differently than as recommended or commonly used in practice
    - Dosing not reflective of current practice
    - Co-interventions that are likely to modify the effectiveness of therapy
    - Highly selected intervention team or level of training/proficiency not widely available
    - Follow-up not reflective of current practice
- Comparator (C)
    - Diagnostic tools used differently than as recommended or commonly used in practice
    - Comparator unclear
    - Inadequate comparison therapy or use of a substandard alternative therapy
- Outcomes (O)
    - Composite outcomes that mix outcomes of different significance
    - Short-term follow-up
    - Surrogate outcomes
- Setting (S)
    - Level of care different from that in the community
- Any other concerns regarding the applicability of this study? (Yes/No)
    - If yes, describe.
- Comments

Appendix D. List of Included Studies

Bambauer, Kara Zivin, Locke, Steven E, Aupont, Onesky, Mullan, Mariquita G, McLaughlin, Thomas J. Using the Hospital Anxiety and Depression Scale to screen for depression in cardiac patients. General Hospital Psychiatry 2005;27(4):275-284. DOI: 10.1016/j.genhosppsych.2005.03.002. PMID: 2005-08290-009.

Banankhah, SK, Friedmann, E, Thomas, S. Effective treatment of depression improves post-myocardial infarction survival. World J Cardiol 2015;7(4):215-23. DOI: 10.4330/wjc.v7.i4.215. PMID: 25914790.

Berkman, LF, Blumenthal, J, Burg, M, Carney, RM, Catellier, D, Cowan, MJ, Czajkowski, SM, DeBusk, R, Hosking, J, Jaffe, A, Kaufmann, PG, Mitchell, P, Norman, J, Powell, LH, Raczynski, JM, Schneiderman, N. Effects of treating depression and low perceived social support on clinical events after myocardial infarction: the Enhancing Recovery in Coronary Heart Disease Patients (ENRICHD) Randomized Trial. Jama 2003;289(23):3106-16. DOI: 10.1001/jama.289.23.3106. PMID: 12813116.

Bunevicius, A, Staniute, M, Brozaitiene, J, Bunevicius, R. Diagnostic accuracy of self-rating scales for screening of depression in coronary artery disease patients. J Psychosom Res 2012;72(1):22-5. DOI: 10.1016/j.jpsychores.2011.10.006. PMID: 22200518.

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Appendix E. List of Excluded Studies

All studies listed below were reviewed in their full-text version and excluded for the reasons cited. Reasons for exclusion signify only the usefulness of the articles for this study and are not intended as criticisms of the articles.

Not a full publication, article retracted/withdrawn, or full publication not available

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Appendix F. Key to Included Primary and Companion Articles

*Companion articles marked with an asterisk (n=3) did not individually meet criteria for inclusion but were considered for supplemental information (e.g., methods data pertinent to an included study).

Study Designation	Primary Abstracted Article	Companion Articles
CODIACS (Comparison of Depression Interventions after Acute Coronary Syndrome)	Davidson, 2013[1]	*Whang, 2012[2]
COPES (Coronary Patients Evaluation Study)	Davidson, 2010[3]	Ye, 2014[4] Kronish, 2012[5]
ENRICHD (Enhancing Recovery In Coronary Heart Disease)	Berkman, 2003[6]	Banankhah, 2015[7] Roest, 2013[8] Saab, 2009[9] Cowan, 2008[10] Mendes de Leon, 2006[11] Schneiderman, 2004[12] Carney, 2004[13] *ENRICHD investigators, 2001[14]
ESCAPE (Epidemiological Study of Acute Coronary Syndromes and the Pathophysiology of Emotions)	Frasure-Smith, 2008[15]	None
MIND-IT (Myocardial INfarction and Depression–Intervention Trial)	van Melle, 2007[16]	Zuidersma, 2013[17] *van den Brink, 2002[18]
None	Bambauer, 2005[19]	None
None	Bunevicius, 2012[20]	None
None	Huffman, 2006[21]	Huffman, 2010[22]
None	Low, 2007[23]	None
None	McGuire, 2013[24]	None

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Appendix G. Characteristics of Included Studies

Appendix Table G-1. Characteristics of Included Studies for KQ 1

Study Companion Article	Study Design Location Setting	Patient Demographics	Purpose	Criterion Standard versus Tool(s) Assessed	Diagnostic Accuracy Measures
Bambauer, 2005[1]	Observational U.S. Inpatient	N completed: 79 Mean age: Arm 1: 60.7 (SD 9.8) Arm 2: 59.9 (SD 10.2) % Female: Arm 1: 35% Arm 2: 31%	To determine the effects of providing post-ACS depression care on depressive symptoms and healthcare costs.	Criterion standard PRIME-MD, DSM-IV Tool assessed Hospital Anxiety and Depression Scale-14 (HADS-14)	PPV
Bunevicius, 2012[2]	Observational U.K./Europe Cardiac rehabilitation clinic	N completed: 522 Mean age: 58 % Female: 28%	To evaluate the internal consistency and psychometric properties of the HADS and the BDI-II for screening of major depressive episodes in patients with coronary artery disease undergoing rehabilitation.	Criterion standard Structured Mini International Neuropsychiatric Interview, DSM-IV Tools assessed Hospital Anxiety and Depression Scales: HADS-14 HADS-Anxiety Subscale HADS-Depression Subscale BDI-II	Sensitivity Specificity PPV NPV AUC
Frasure-Smith, 2008[3]	Observational Canada Inpatient	N completed: 804 Mean age: 60 (SD 10.6) % Female:19.3%	To assess the 2-year cardiac prognostic importance of the DSM-IV–based diagnoses of major depressive disorder and generalized anxiety disorder and self-report measures of anxiety and depression and their co-occurrence.	Criterion standard Structured Clinical Interview for DSM-IV Tools assessed HADS-Anxiety Subscale BDI-II	Sensitivity Specificity AUC
Huffman, 2006[4] Companion Huffman, 2010[5]	Observational U.S. Inpatient	N completed: 131 Mean age: 62.2 (SD 12.6) % Female: 20%	To determine the ability of 3 questions from the BDI-II to detect major depressive disorder in a cohort of patients hospitalized for acute myocardial infarction.	Criterion standard Structured Clinical Interview for DSM-IV-TR Axis I Disorders Tool assessed BDI-II	Sensitivity Specificity PPV NPV AUC

Study Companion Article	Study Design Location Setting	Patient Demographics	Purpose	Criterion Standard versus Tool(s) Assessed	Diagnostic Accuracy Measures
Low, 2007[6]	Observational Canada Inpatient	N completed: 119 Mean age: 62.9 (SD 11.6) % Female: 25%	To examine the sensitivity and specificity for participants' scores on 2 widely-used depression inventories with older adults relative to the Structured Clinical Interview for DSM-IV-TR Axis I Disorders, as well as recommend appropriate cut scores for the 2 measures for identifying post-myocardial infarction or unstable angina patients with depression.	Criterion standard PRIME-MD, DSM-IV Tools assessed Geriatric Depression Scale BDI-II	Sensitivity Specificity PPV NPV AUC
McGuire, 2013[7]	Observational U.S. Inpatient	N completed: 100 Mean age: Depressed: 56.6 (SD 13.4 Nondepressed: 65.52 (SD 11.2) % Female: 31%	To evaluate nurse-administered versions of the Patient Health Questionnaire for depression screening in patients hospitalized for acute coronary syndrome.	Criterion standard Depression interview Structured Hamilton Scale, DSM-IV Tools assessed Patient Health Questionnaire: PHQ-2 PHQ-9 PHQ-10	Sensitivity Specificity PPV NPV AUC

Abbreviations: ACS=acute coronary syndrome; AUC=area under the curve; BDI=Beck Depression Inventory; DSM-IV=Diagnostic and Statistical Manual of Mental Disorders, 4th edition; DSM-IV-TR=Diagnostic and Statistical Manual of Mental Disorders, 4th edition, Text Revision; HADS=Hospital Anxiety and Depression Scale; KQ=key question; NPV=negative predicted value; PHQ=Patient Health Questionnaire; PPV=positive predicted value; PRIME-MD=Primary Care Evaluation of Mental Disorders; SD=standard deviation.

Appendix Table G-2. Characteristics of Included Studies for KQ 2

Study Acronym Companion Article(s)	Study Design Location Patient Demographics Quality Rating	Purpose Criteria for Diagnosis of Depression	Intervention versus Comparator	Outcomes Subgroups
Berkman, 2003[8] ENRICHD Companions Banankhah, 2015[9] Roest, 2013[10] Saab, 2009[11] Cowan, 2008[12] Mendes de Leon, 2006[13] Schneiderman, 2004[14] Carney, 2004[15]	RCT U.S. N enrolled: 2,481 Mean age: Arm 1: 61 (SD 12.5) Arm 2: 61 (SD 12.5) % Female: Arm 1: 44% Arm 2: 43% Good quality	Purpose To determine whether mortality and recurrent infarction are reduced by treatment of depression and low perceived social support with CBT supplemented with an SSRI antidepressant when indicated, in patients enrolled within 28 days post-MI. Diagnosis The Depression Interview and Structured Hamilton (DISH) was used to diagnose current depressive episodes according to DSM-IV)criteria. The DISH also yields a depression severity score on the 17-item Hamilton Rating Scale for Depression (HRSD). In addition to the DISH, the BDI was administered. A score of 10 or higher is the threshold for considering clinical depression.	Enhanced care delivery Individual CBT sessions plus group therapy when feasible, with SSRIs for patients scoring higher than 24 on HRSD or having <50% reduction in the BDI scores after 5 weeks. Usual care Patients in usual care received only the care provided by their physicians. This included antidepressant use at baseline in 4.8% of patients, 13.4% at 6 months and 20.6% by the end of the study.	Clinical outcomes MACE composite (death or nonfatal MI) Total mortality Cardiac mortality Repeat ACS event Revascularization procedures Depression-related outcomes: response or remission of depressive symptoms Healthcare utilization Cardiovascular hospitalizations Quality of life SF-12 Physical Component Summary SF-12 Mental Component Summary Life Satisfaction Scale (8 items; score range 0-24) Subgroups Race/ethnicity Sex

Study Acronym Companion Article(s)	Study Design Location Patient Demographics Quality Rating	Purpose Criteria for Diagnosis of Depression	Intervention versus Comparator	Outcomes Subgroups
Davidson, 2013[16] CODIACS	RCT U.S./Canada N enrolled: 150 Mean age Arm 1: 59.2 (SD 9.7) Arm 2: 60 (SD 11.1) % Female Arm 1: 41% Arm 2: 43% Good quality	Purpose To determine the effects of providing post-ACS depression care on depressive symptoms and health care costs. Diagnosis BDI ≥10 on 2 occasions or >15 on one occasion.	Enhanced care delivery Centralized, stepped, patient-preference-based depression care; team care; centralized patient services team and/or local MD/nurse practitioner prescribed antidepressants. Symptom monitoring with PHQ-9 and stepped care. Usual care Primary care physician and/or cardiologist notified by letter of depression symptoms. No restrictions on care.	Clinical outcomes Revascularization procedures Depression-related outcomes: response or remission of depressive symptoms Healthcare utilization All hospitalizations Costs Total healthcare costs Subgroups Sex

Study Acronym Companion Article(s)	Study Design Location Patient Demographics Quality Rating	Purpose Criteria for Diagnosis of Depression	Intervention versus Comparator	Outcomes Subgroups
Davidson, 2010[17] COPES Companions Ye, 2014[18] Kronish, 2012[19]	RCT U.S. N enrolled: 157 Mean age Arm 1: 61.1 (SD 10.6) Arm 2: 59.3 (SD 10.6) % Female Arm 1: 53% Arm 2: 54% Fair quality	Purpose To determine the acceptability and efficacy of enhanced depression treatment in patients with ACS. Diagnosis Trial eligibility required a score of 10 or higher on the BDI on assessments within 1 week of hospitalization for ACS and 3 months later.	Enhanced care delivery Collaborative care including enhanced care by a team of providers (nurse specialist, psychologist, social worker, and/or psychiatrist), patient choice of pharmacotherapy and/or psychotherapy (problem-solving therapy), stepped care approach with symptom severity reviewed every 8 weeks and treatment augmented by protocol, and routine monitoring of depression symptoms using a standardized instrument. Usual care For patients randomized to usual care only: The control condition for the trial was usual care, as defined by the patient's treating physicians. Physicians of the intervention and usual care patients were informed that their patients were participating in a trial and that they had elevated depressive symptoms; physicians were also told whether the patient met the criteria for a major depressive episode.	Clinical outcomes MACE events MACE composite (hospitalization for ACS) Depression-related outcomes: response or remission of depressive symptoms Healthcare utilization Cardiac medication adherence Adverse effects of treatment Subgroups Race/ethnicity Sex

Study Acronym Companion Article(s)	Study Design Location Patient Demographics Quality Rating	Purpose Criteria for Diagnosis of Depression	Intervention versus Comparator	Outcomes Subgroups
van Melle, 2007[20] MIND-IT Companion Zuidersma 2013[21]	RCT U.K./Europe N enrolled: 331 Mean age Arm 1: 58.6 (SD 11.5) Arm 2: 57.5 (SD 10.6) % Female Arm 1: 24% Arm 2: 26% Good quality	Purpose To evaluate the effects of antidepressant treatment compared with usual care in an effectiveness study. Diagnosis BDI ≥10 plus met WHO ICD-10 criteria for current depressive episode [CIDI interview].	Medical therapy First-choice treatment: mirtazapine. If refusal or insufficient treatment response after 8 weeks, open treatment with citalopram was offered. Treatment response ≥50% reduction on the HDRS or a HDRS score at 8 weeks of ≤9. The third option was "tailored treatment," which was at the discretion of the clinical psychiatrist (e.g., SSRI, psychotherapy). Scheduled to visit the psychiatrist on average once a month during the treatment period of 6 months. Usual care Psychiatric treatment outside the study was recorded, but no treatment was offered by the MIND-IT investigators. Patients NOT informed of diagnosis.	Clinical outcomes MACE composite (death or nonfatal MI) Total mortality Cardiac mortality Repeat ACS event Revascularization procedures Depression-related outcomes: response or remission of depressive symptoms Healthcare utilization Cardiovascular hospitalizations Quality of life Health Complaints Scale Physical health (RAND-36) score Mental health (RAND-36) score Complete disability Partial disability Subgroups None

Abbreviations: ACS=acute coronary syndrome; BDI=Beck Depression Inventory; CBT=cognitive behavioral therapy; CIDI=Composite International Diagnostic Interview; CODIACS=Comparison of Depression Interventions after Acute Coronary Syndrome; COPES=Coronary Patients Evaluation Study; DISH=Depression Interview and Structured Hamilton; DSM-IV=Diagnostic and Statistical Manual of Mental Disorders, 4th edition; ENRICHD=Enhancing Recovery in Coronary Heart Disease study; HCS=Health Complaints Scale; HDRS=Hamilton Depression Rating Scale; HRSD=Hamilton Rating Scale for Depression; ICD-10=International Classification of Disease, Tenth Edition; MACE=major adverse cardiac events; MI=myocardial infarction; MIND-IT=Myocardial Infarction and Depression-Intervention Trial; PHQ=Patient Health Questionnaire; RCT=randomized controlled trial; SD=standard deviation; SSRI=selective serotonin reuptake inhibitor; WHO=World Health Organization.

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