

Appendix D. Literature search strategies

Search strategies used for the Stable Angina guideline are outlined below and were run according to the NICE Guidelines Manual 2009 (National Institute for Health and Clinical Excellence, 2009 15955 /id). Searches for **clinical reviews** were run in Medline (OVID), Embase (OVID), the Cochrane Library (Wiley) and Cinahl (EBSCO). Additional searches were run in PsychINFO (OVID) for certain questions (1.3.1 and 1.3.9(a)). Searches were usually constructed in the following way:

- A **PICO format** was used for **intervention** searches where population (P) terms were combined with Intervention (I) and sometimes Comparison (C) terms. An intervention can be a drug, a procedure or a diagnostic test. Outcomes (O) are rarely used in search strategies for interventions.

Specific search filters were added to the search where appropriate. Searches for **patient experience** were run in Medline (Ovid), Embase (Ovid), and PsychINFO (Ovid), and were constructed by adding a patient experience search filter to the population terms.

Searches for health economics were run in NHS economic evaluation database (NHS EED), Health Economic Evaluations Database (HEED) and health technology assessment (HTA) databases with a broad angina population and no date restrictions up to **13th September 2010**. Additionally, the search was run on Medline (years 1950 -2007) and Embase (1996-2007), supplemented by additional searches from (1990-13/9/10) for **1.3.5** Revascularisation, **1.3.9** Rehabilitation, **1.3.4** Nicorandil and long acting Nitrates, on Medline, Embase, Cochrane (TA's and EE's) with a specific economic filter (see **1.2.6**).

All clinical searches were run up to **22nd of October 2010**. The search strategies are presented below in the following order:

Section 1.1	Population terms by database. The same searches were used for all questions and for both clinical and health economic searches.
Section 1.2	Study filter terms by database.
1.2.1	➤ Systematic review (SR)
1.2.2	➤ Randomised control trial (RCT)
1.2.3	➤ Observational studies
1.2.4	➤ Risk
1.2.5	➤ Patient experience
1.2.6	➤ Health economic, quality of life and models
Section 1.3	Searches run for specific questions with the intervention by database.
1.3.1	➤ Patient information
1.3.2	➤ Treatment and prevention of anginal episodes (aspirin or clopidogrel)
1.3.3	➤ Traditional drug management of angina
1.3.4	➤ Newer drugs and the management of angina
1.3.5	➤ Revascularisation and revascularisation vs. pharmacotherapy
1.3.6	➤ Secondary prevention (ACE inhibitors or ARBs)
1.3.7	➤ Risk scores and prognostic risk stratification

1.3.8	➤ Anatomical/functional tests and prognostic risk stratification
1.3.9	➤ Rehabilitation a) Psychological b) Exercise-based
1.3.10	➤ Lifestyle adjustments
1.3.11	➤ Pain interventions
1.3.12	➤ Cardiac syndrome X and statins
1.3.13	➤ Cardiac syndrome X other

1 1.1 Population search strategies

2 1.1.1 Medline search terms

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1.	Angina Pectoris/
2.	Microvascular Angina/
3.	Angina Pectoris, variant/
4.	((angina\$ or cardiac) adj3 (syndrome-x or xs)).ti,ab.
5.	(angina\$ or angor pectoris).ti.
6.	((stable or chronic or refractory or microvascular or exercise induced) adj3 (stenocardia or stenocardias or angina\$ or angor pectoris)).ti,ab.
7.	(stable adj3 coronary).ti,ab.
8.	or/1-7
9.	Myocardial Ischemia/
10.	exp Coronary disease/
11.	(coronary adj2 (atherosclerosis or arteriosclerosis)).ti,ab.
12.	(myocardial adj (ischemia or ischaemia)).ti,ab.
13.	(angina\$ or stenocardia or stenocardias or chest pain or chest discomfort or angor pectoris).ti,ab.
14.	(9 or 10 or 11 or 12) and 13
15.	8 or 14
16.	((unstable or acute coronary or ACS) not stable).ti,ab.
17.	15 not 16
18.	letter.pt.
19.	letter/
20.	letter\$/
21.	editorial.pt.
22.	historical article.pt.
23.	anecdote.pt.
24.	commentary.pt.
25.	note.pt.
26.	case report/
27.	case report\$.pt.
28.	case study/
29.	case study.pt.
30.	exp animal/ not human/
31.	nonhuman/
32.	exp Animal Studies/
33.	Animals, Laboratory/
34.	exp experimental animal/
35.	exp animal experiment/
36.	exp animal model/

37.	exp Rodentia/
38.	exp rodents/
39.	or/18-38
40.	17 not 39
41.	limit 40 to english language

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1.1.2 Embase search terms

1.	Stable Angina Pectoris/ or *Angina Pectoris/ or variant angina pectoris/
2.	Syndrome X/
3.	((angina\$ or cardiac) adj3 (syndrome-x or xs)).ti,ab.
4.	(angina\$ or angor pectoris).ti.
5.	((stable or chronic or refractory or microvascular or exercise induced) adj3 (stenocardia or stenocardias or angina\$ or angor pectoris)).ti,ab.
6.	(stable adj3 coronary).ti,ab.
7.	or/1-6
8.	ischemic heart disease/ or coronary artery atherosclerosis/ or coronary artery constriction/ or heart muscle ischemia/ or silent myocardial ischemia/
9.	exp coronary artery disease/
10.	(coronary adj2 (atherosclerosis or arteriosclerosis)).ti,ab.
11.	(myocardial adj (ischemia or ischaemia)).ti,ab.
12.	(angina\$ or stenocardia or stenocardias or chest pain or chest discomfort or angor pectoris).ti,ab.
13.	(8 or 9 or 10 or 11) and 12
14.	7 or 13
15.	((unstable or acute coronary or ACS) not stable).ti,ab.
16.	14 not 15
17.	letter.pt.
18.	letter/
19.	letter\$/
20.	editorial.pt.
21.	historical article.pt.
22.	anecdote.pt.
23.	commentary.pt.
24.	note.pt.
25.	case report/
26.	case report\$.pt.
27.	case study/
28.	case study.pt.
29.	exp animal/ not human/
30.	nonhuman/
31.	exp Animal Studies/
32.	Animals, Laboratory/
33.	exp experimental animal/
34.	exp animal experiment/
35.	exp animal model/
36.	exp Rodentia/
37.	exp rodents/
38.	or/17-37
39.	16 not 38
40.	limit 39 to english language

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1.1.3 Cinahl search terms

S15	S13 not S14
S14	(MH "Case Studies") or (MH "Mammals+") or PT case study or PT commentary or PT anecdote or PT editorial or PT letter or (MH "Rodents+") or (MH "Animals+") or (MH "Animals, Laboratory") or (MH "Animal Studies") or (MH "Models, Biological")
S13	S9 not S12
S12	S10 or S11
S11	TI acute coronary
S10	TI unstable NOT stable
S9	S1 or S2 or S8
S8	S6 and S7
S7	S3 or S4 or S5
S6	angina or stenocardia* or chest pain or chest discomfort or angor pectoris
S5	coronary N2 atherosclerosis or coronary N2 arteriosclerosis or myocardial N2 ischemia or myocardial N2 ischaemia
S4	(MH "Coronary Disease+")
S3	(MH "Myocardial Ischemia")
S2	angina* N3 syndrome -x or angina* N3 xs or cardiac N3 xs or cardiac N3 syndrome-x or TI angina* or TI angor pectoris or stable N2 coronary or stable N3 stenocardia* or stable N3 angina* or refractory N3 angina* or chronic N3 angina* and microvascular N3 angina*
S1	(MH "Syndrome X") or (MH "Angina Pectoris")

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1.1.4 Cochrane search terms

#1	MeSH descriptor Angina Pectoris, this term only
#2	MeSH descriptor Microvascular Angina, this term only
#3	((angina* or cardiac) NEXT (syndrome-X)):ti,ab
#4	(angina* or angor pectoris):ti
#5	(stable or chronic or refractory or microvascular or exercise induced) NEAR (angina* or stenocardia or stenocardias or angor pectoris):ti,ab
#6	(stable NEXT (ischemi* or ischaemi* or "heart disease" or coronary)):ti,ab
#7	MeSH descriptor Angina Pectoris, Variant, this term only
#8	(#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7)
#9	MeSH descriptor Coronary Disease explode all trees
#10	coronary NEXT (atherosclerosis or arteriosclerosis):ti,ab
#11	myocardial NEXT (ischemia or ischaemia):ti,ab
#12	MeSH descriptor Myocardial Ischemia, this term only
#13	(angina* or stenocardia or stenocardias or angor pectoris or chest pain or chest discomfort):ti,ab
#14	((#9 OR #10 OR #11 OR #12) AND #13)
#15	(#8 OR #14)
#16	((acute coronary or ACS or unstable) NOT stable):ti
#17	(#15 AND NOT #16)

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1.1.5 PsychINFO search terms

#1	Angina Pectoris/
#2	((angina\$ or cardiac) adj3 (syndrome-x or xs)).ti,ab.
#3	(angina\$ or angor pectoris).ti.
#4	((stable or chronic or refractory or microvascular or exercise induced) adj3 (stenocardia or stenocardias or angina\$ or angor pectoris)).ti,ab.
#5	(stable adj3 coronary).ti,ab.
#6	or/1-5

Stable angina: FULL guideline draft (May 2011)

#7	exp heart disorders/
#8	ischemia/
#9	(coronary adj2 (atherosclerosis or arteriosclerosis)).ti,ab.
#10	(myocardial adj (ischemia or ischaemia)).ti,ab.
#11	(angina\$ or stenocardia or stenocardias or chest pain or chest discomfort or angor pectoris).ti,ab.
#12	(7 or 8 or 9 or 10) and 11
#13	6 or 12
#14	((unstable or acute coronary or ACS) not stable).ti.
#15	13 not 14
#16	letter/
#17	letter\$/
#18	case report/
#19	exp animal model/
#20	exp rodents/
#21	or/16-20
#22	15 not 21
#23	limit 22 to english language

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1.1.6 Cardiac Syndrome X population Medline Terms

1.	Microvascular Angina/
2.	Angina Pectoris/ and ("normal angio\$" or "normal coronary").ti,ab.
3.	(microvascular adj angina).ti,ab.
4.	((angina\$ or cardiac) adj3 (syndrome-x\$ or "x\$ syndrome" or "syndrome x\$")).ti,ab.
5.	((angina or "chest pain") and ("normal angio\$" or "normal coronary")).ti,ab.
6.	or/1-5

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1.1.7 Cardiac Syndrome X population Embase Terms

1.	Syndrome X/
2.	((angina\$ or cardiac) adj3 (syndrome-x or xs)).ti,ab.
3.	(angina pectoris/ or Stable angina pectoris/) and ("normal angio\$" or "normal coronary").ti,ab.
4.	(microvascular adj angina).ti,ab.
5.	((angina\$ or cardiac) adj3 (syndrome-x\$ or "x\$ syndrome" or "syndrome x\$")).ti,ab.
6.	((angina or "chest pain") and ("normal angio\$" or "normal coronary")).ti,ab.
7.	or/1-6

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1.1.8 Cardiac Syndrome X population Cochrane Terms

#1	MeSH descriptor Microvascular Angina explode all trees
#2	MeSH descriptor Angina Pectoris, this term only
#3	(angina or "chest pain"):ti,ab
#4	(normal NEXT (angio* or coronary):ti,ab)
#5	((#2 OR #3) AND #4)
#6	(microvascular NEXT angina):ti,ab
#7	angina or cardiac NEAR (syndrome-x or syndrome-xs or "syndrome x" or "syndrome xs"):ti,ab
#8	(#1 OR #5 OR #6 OR #7)

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1 **1.1.9 Cardiac Syndrome X population Cinahl Terms**

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S5	S1 or S4
S4	S2 and S3
S3	normal angio* or normal coronary
S2	(MH "Angina Pectoris")
S1	(MH "Syndrome X") or microvascular N1 angina or angina N2 syndrome-x or angina N2 syndrome x or angina N2 syndrome xs or angina N2 syndrome-xs or cardiac N2 syndrome-x* or cardiac N2 syndrome x* or (angina AND normal angio*) or (angina AND normal coronary) or (chest pain AND normal angio*) or (chest pain AND normal coronary)

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4 **1.2 Study design search terms**

5 **1.2.1 Systematic review (SR) search terms**

6 **1.2.1.1 Medline search terms**

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1.	"review"/ or review.pt. or review.ti.
2.	(systematic or evidence\$ or methodol\$ or quantitativ\$).ti,ab.
3.	1 and 2
4.	meta-analysis.pt.
5.	Meta-Analysis/
6.	Meta-Analysis as Topic/
7.	"systematic review"/
8.	(meta-analy\$ or metanaly\$ or metaanaly\$ or meta analy\$).ti,ab.
9.	((systematic\$ or evidence\$ or methodol\$ or quantitativ\$) adj3 (review\$ or survey\$ or overview\$)).ti,ab.
10.	((pool\$ or combined or combining) adj2 (data or trials or studies or results)).ti,ab.
11.	or/3-10

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9 **1.2.1.2 Embase search terms**

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1.	"review"/ or review.pt. or review.ti.
2.	(systematic or evidence\$ or methodol\$ or quantitativ\$).ti,ab.
3.	1 and 2
4.	meta-analysis.pt.
5.	Meta-Analysis/
6.	Meta-Analysis as Topic/
7.	"systematic review"/
8.	(meta-analy\$ or metanaly\$ or metaanaly\$ or meta analy\$).ti,ab.
9.	((systematic\$ or evidence\$ or methodol\$ or quantitativ\$) adj3 (review\$ or survey\$ or overview\$)).ti,ab.
10.	((pool\$ or combined or combining) adj2 (data or trials or studies or results)).ti,ab.
11.	or/3-10

11 **1.2.2 Randomised controlled trial (RCT) search terms**

12 **1.2.2.1 Medline search terms**

13

1.	randomized controlled trial.pt.
2.	controlled clinical trial.pt.
3.	double-blind method/ or random allocation/ or single-blind method/

4.	exp Clinical Trial/
5.	exp clinical trials as topic/
6.	clinical trial.pt.
7.	random\$.ti,ab.
8.	((clin\$ or control\$) adj5 trial\$).ti,ab.
9.	((singl\$ or doubl\$ or trebl\$ or tripl\$) adj25 (blind\$ or mask\$)).ti,ab.
10.	Placebos/ or placebo\$.ti,ab.
11.	(volunteer\$ or "control group" or controls or prospectiv\$).ti,ab.
12.	or/1-10
13.	cross-over studies/
14.	((crossover or cross-over or cross over) adj2 (design\$ or stud\$ or procedure\$ or trial\$)).ti,ab.
15.	12 or 13 or 14

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1.2.2.2 Embase search terms

1.	controlled study/ or randomized controlled trial/
2.	Clinical Trial/
3.	clinical study/ or major clinical study/ or clinical trial/ or phase 1 clinical trial/ or phase 2 clinical trial/ or phase 3 clinical trial/ or phase 4 clinical trial/
4.	Placebo/
5.	"Double Blind Procedure"/
6.	"Clinical Article"/
7.	Randomization/
8.	((clinical\$ or control\$) adj3 (trial\$ or study or studies)).ti,ab.
9.	or/1-8
10.	compar\$.ti,ab.
11.	control\$.ti,ab.
12.	10 and 11
13.	placebo.ti,ab.
14.	randomi\$.ti,ab.
15.	((singl\$ or doubl\$ or tripl\$ or trebl\$) adj5 (blind\$ or mask\$)).ti,ab.
16.	9 or 12 or 13-15
17.	crossover procedure/
18.	((crossover or cross-over or cross over) adj2 (design\$ or stud\$ or procedure\$ or trial\$)).ti,ab.
19.	16 or 17 or 18

4 1.2.3 Observational studies search terms

5 1.2.3.1 Medline RCT including observational studies search terms

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1.	randomized controlled trial.pt.
2.	controlled clinical trial.pt.
3.	double-blind method/ or random allocation/ or single-blind method/
4.	exp Clinical Trial/
5.	exp clinical trials as topic/
6.	clinical trial.pt.
7.	randomi\$.ti,ab.
8.	((clinical\$ or control\$) adj3 trial\$).ti,ab.
9.	((singl\$ or doubl\$ or trebl\$ or tripl\$) adj5 (blind\$ or mask\$)).ti,ab.
10.	Placebos/ or placebo\$.ti,ab.
11.	(volunteer\$ or "control group" or controls).ti,ab.
12.	or/1-11

13.	cross-over studies/
14.	((crossover or cross-over or cross over) adj2 (design\$ or stud\$ or procedure\$ or trial\$)).ti,ab.
15.	12 or 13 or 14
16.	Research Design/ or Comparative studies/
17.	exp Evaluation studies/ or evaluation studies as topic/
18.	exp Cohort Studies/
19.	exp Case-Control Studies/ or control groups/
20.	exp Cross-Sectional Studies/
21.	(case control or case-control).ti,ab.
22.	(cross-sectional or cross sectional).ti,ab.
23.	((observ\$ or cohort\$ or follow-up or follow up or longitudinal or prospective or retrospective or comparative) adj1 (stud\$ or research or analys\$)).ti,ab.
24.	or/16-23

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1.2.3.2 Embase RCT including observational studies search terms

1.	controlled clinical trial/ or randomized controlled trial/
2.	Clinical Trial/ or multicenter study/
3.	phase 1 clinical trial/ or phase 2 clinical trial/ or phase 3 clinical trial/ or phase 4 clinical trial/
4.	Placebo/
5.	"Double Blind Procedure"/
6.	Randomization/
7.	((clinical\$ or control\$) adj3 trial\$).ti,ab.
8.	(volunteer\$ or "control group" or controls).ti,ab.
9.	placebo\$.ti,ab.
10.	randomi\$.ti,ab.
11.	((singl\$ or doubl\$ or tripl\$ or trebl\$) adj5 (blind\$ or mask\$)).ti,ab.
12.	or/1-11
13.	crossover procedure/
14.	((crossover or cross-over or cross over) adj2 (design\$ or stud\$ or procedure\$ or trial\$)).ti,ab.
15.	12 or 13 or 14
16.	control group/ or case control study/ or clinical study/ or major clinical study/
17.	cohort analysis/ or longitudinal study/ or prospective study/ or retrospective study/
18.	comparative study/ or observational study/ or observational method/
19.	("case control" or case-control).ti,ab.
20.	(cross-sectional or cross sectional).ti,ab.
21.	((cohort\$ or observ\$ or follow-up or follow up or longitudinal or prospective or retrospective or comparative) adj1 (stud\$ or research or analys\$)).ti,ab.
22.	or/15-21
23.	"review"/ or review.pt. or review.ti.
24.	(systematic or evidence\$ or methodol\$ or quantitativ\$).ti,ab.
25.	23 and 24

4 1.2.4 Risk

5 1.2.4.1 Embase search terms

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1.	exp RISK/
2.	exp Epidemiologic Studies/
3.	(case and control\$).tw.
4.	retrospective.tw.
5.	(risk adj3 factor\$).tw.

6.	cohort\$.tw.
7.	(odds adj3 ratio).tw.
8.	(relative and risk\$).tw.
9.	or/1-8

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1.2.4.2 Medline search terms

1.	exp RISK/
2.	exp Epidemiologic Studies/
3.	(case and control\$).tw.
4.	retrospective.tw.
5.	(risk adj3 factor\$).tw.
6.	cohort\$.tw.
7.	(odds adj3 ratio).tw.
8.	(relative and risk\$).tw.
9.	or/1-8

4 1.2.5 Patient experience search terms

5 1.2.5.1 Embase search terms

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1.	exp empirical research/
2.	QUESTIONNAIRES/
3.	questionnaire\$.ti,ab.
4.	Health Surveys/
5.	Health Care Surveys/
6.	Interview/
7.	exp Interviews as Topic/
8.	interview\$.tw.
9.	grounded theory.tw.
10.	exp Nursing Methodology Research/
11.	focus group\$.tw.
12.	themes.tw.
13.	phenomenology.tw.
14.	ethnograph\$.tw.
15.	qualitative research/
16.	qualitative.tw.
17.	or/1-16

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1.2.5.2 Medline search terms

1.	exp empirical research/
2.	QUESTIONNAIRES/
3.	questionnaire\$.ti,ab.
4.	Health Surveys/
5.	Health Care Surveys/
6.	Interview/
7.	exp Interviews as Topic/
8.	interview\$.tw.
9.	grounded theory.tw.
10.	exp Nursing Methodology Research/
11.	focus group\$.tw.
12.	themes.tw.
13.	phenomenology.tw.
14.	ethnograph\$.tw.

15.	qualitative research/
16.	qualitative.tw.
17.	or/1-16

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1.2.5.3 PsychINFO search terms

1.	QUESTIONNAIRES/
2.	questionnaire\$.ti,ab.
3.	interview\$.tw.
4.	grounded theory.tw.
5.	focus group\$.tw.
6.	themes.tw.
7.	phenomenology.tw.
8.	ethnograph\$.tw.
9.	qualitative research/
10.	qualitative.tw.
11.	or/1-10

4 1.2.6 Health economic, quality of life and model search terms

5 See introduction for an outline of Health Economic searches

Population	Intervention / exposure	Comparison	Study filter used
Stable angina			Economic (Medline and Embase only)

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1.2.6.1 Medline search terms

1.	exp *"costs and cost analysis"/
2.	*economics/
3.	(economic\$ or pharmacoeconomic\$.ti,ab.
4.	(cost or costs or costed or costly or costing\$ or price or prices or pricing).ti.
5.	(expenditure or budget\$.ti,ab.
6.	cost-effective\$.ti,ab.
7.	(cost adj2 (effectiv\$ or reduc\$ or saving\$)).ti,ab.
8.	(value adj2 money).ti,ab.
9.	quality-adjusted life years/
10.	QALY\$.ti,ab.
11.	or/1-10

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11

1.2.6.2 Embase search terms

1.	exp *economic aspect/
2.	(economic\$ or pharmacoeconomic\$.ti,ab.
3.	(cost or costs or costed or costly or costing\$ or price or prices or pricing).ti.
4.	(expenditure or budget\$.ti,ab.
5.	cost-effective\$.ti,ab.
6.	(cost adj2 (effectiv\$ or reduc\$ or saving\$)).ti,ab.
7.	(value adj2 money).ti,ab.
8.	quality-adjusted life years/
9.	QALY\$.ti,ab.
10.	or/1-9

1 **1.3 Searches by specific question**

2 **1.3.1 Patient information**

3 **What are the education and information needs of adults with stable angina to**
 4 **optimise their understanding of their diagnosis and of their participation in**
 5 **treatment decisions?**

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 7 Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention / exposure	Comparison	Study filter used
Stable angina	Education and information		Patient experience

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9 **1.3.1.1 Medline search terms**

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1.	patient education/
2.	exp attitude to health/
3.	exp patient acceptance of health care/
4.	patient satisfaction/ or patient care management/ or *comprehensive health care/ or "delivery of health care"/ or patient-centered care/ or *"quality of health care"/
5.	patient education handout/
6.	((client\$ or patient\$ or user\$ or carer\$ or consumer\$ or customer\$) adj3 (attitud\$ or priorit\$ or perception\$ or preferen\$ or expectation\$ or choice\$ or perspective\$ or view\$ or satisfact\$ or inform\$ or experience\$ or opinion\$ or feedback or belie\$ or co?operation or participat\$ or involve\$ or buy?in)).ti,ab.
7.	(information adj (need\$ or requirement\$ or support\$ or patient\$)).ti,ab.
8.	(service\$ adj2 (acceptab\$ or unacceptab\$)).ti,ab.
9.	psycho?social.ti,ab.
10.	(patient\$ adj2 (cent\$ or focus\$ or care or service\$)).ti,ab.
11.	or/1-10

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12 **1.3.1.2 Embase search terms**

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1.	patient education/
2.	exp patient attitude/
3.	exp attitude/
4.	exp patient acceptance of health care/
5.	patient satisfaction/ or patient care management/ or *comprehensive health care/ or "delivery of health care"/ or patient-centered care/ or *"quality of health care"/ ((client\$ or patient\$ or user\$ or carer\$ or consumer\$ or customer\$) adj3 (attitud\$ or priorit\$ or perception\$ or preferen\$ or expectation\$ or choice\$ or perspective\$ or view\$ or satisfact\$ or inform\$ or experience\$ or opinion\$ or feedback or belie\$ or co?operation or participat\$ or involve\$ or buy?in)).ti,ab.
6.	(information adj (need\$ or requirement\$ or support\$ or patient\$)).ti,ab.
7.	(service\$ adj2 (acceptab\$ or unacceptab\$)).ti,ab.
8.	psycho?social.ti,ab.
9.	(patient\$ adj2 (cent\$ or focus\$ or care or service\$)).ti,ab.
10.	or/1-9

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15 **1.3.1.3 PsychINFO search terms**

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1.	patient education/
2.	exp patient attitude/
3.	exp health care delivery/

4.	client education/
5.	exp client attitudes/ or exp consumer attitudes/ or exp health attitudes/
6.	patient satisfaction/ or patient care management/ or *comprehensive health care/ or "delivery of health care"/ or patient-centered care/ or *"quality of health care"/
7.	((client\$ or patient\$ or user\$ or carer\$ or consumer\$ or customer\$) adj3 (attitud\$ or priorit\$ or perception\$ or preferen\$ or expectation\$ or choice\$ or perspective\$ or view\$ or satisfact\$ or inform\$ or experience\$ or opinion\$ or feedback or belief\$ or co?operation or participat\$ or involve\$ or buy?in)).ti,ab.
8.	(information adj (need\$ or requirement\$ or support\$ or patient\$)).ti,ab.
9.	(service\$ adj2 (acceptab\$ or unacceptab\$)).ti,ab.
10.	psycho?social.ti,ab.
11.	(patient\$ adj2 (cent\$ or focus\$ or care or service\$)).ti,ab.
12.	or/1-11

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1.3.1.4 Cinahl search terms

S4	S1 or S2 or S3
S3	patient* and (cent* or focus* or care or service*)
S2	information N1 need* or information N1 support* or patient* N1 information* or service* N2 acceptab* or (patient* and (complan* or adheren* or concordan*)) or (psychosocial or psycho-social) or MH Patient Education or MH Attitude to Health+ and MH Patient Satisfaction
S1	((client* or patient* or user* or carer* or consumer* or customer*) and (attitud* or priorit* or perception* or preferen* or expectation* or choice* or perspective* or view* or satisfact* or inform* or experience* or opinion*))

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1.3.1.5 Cochrane search terms

#1	MeSH descriptor Patient Education as Topic explode all trees
#2	MeSH descriptor Patient Acceptance of Health Care explode all trees
#3	MeSH descriptor Patient Satisfaction explode all trees
#4	MeSH descriptor Patient-Centered Care explode all trees
#5	(client* or patient* or user* or carer* or consumer* or customer*) near (attitud* or priorit* or perception* or preferen* or expectation* or choice* or perspective* or view* or satisfact* or inform* or experience* or opinion* or feedback or belief* or co operation or participat* or involve* or buy in):ti,ab,kw
#6	(information near (need* or requirement* or support* or patient*)):ti,ab,kw
#7	(service* near2 (acceptab* or unacceptab*)):ti,ab,kw
#8	(psychosocial):ti,ab,kw
#9	(patient* near2 (cent* or focus* or care or service*)):ti,ab,kw
#10	(#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9)

7

1.3.2 Treatment and prevention of anginal episodes

8

What is the clinical/cost effectiveness of aspirin or clopidogrel to alleviate angina symptoms and to improve long term outcomes?

9

10

11

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention / exposure	Comparison	Study filter used
Stable angina	Aspirin or clopidogrel		RCT/SR

12

13

14

1.3.2.1 Medline search terms

1.	platelet aggregation inhibitors/ or aspirin/ or ticlopidine/
----	--

Stable angina: FULL guideline draft (May 2011)

2.	(aspirin or ticlopidine or clopidogrel).ti,ab.
3.	((acetylsalicylic or acetyl-salicylic or acetyl salicylic) adj acid).ti,ab.
4.	1 or 2 or 3

1
2
3

1.3.2.2 Embase search terms

1.	*antithrombocytic agent/
2.	exp *acetylsalicylic acid/
3.	exp *clopidogrel/
4.	(aspirin or ticlopidine or plavix or clopidogrel).ti.
5.	((acetyl-salicylic or acetylsalicylic or acetyl salicylic) adj acid).ti,ab.
6.	or/1-5
7.	(candesartan or valsartan).ti,ab.

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1.3.2.3 Cinahl search terms

S5	S1 or S2 or S3 or S4
S4	aspirin OR clopidogrel or acetylsalicylic acid or acetyl-salicylic acid or acetyl salicylic acid
S3	(MH "Aspirin")
S2	(MH "Clopidogrel Bisulfate")
S1	(MH "Platelet Aggregation Inhibitors")

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1.3.2.4 Cochrane search terms

#1	MeSH descriptor Platelet Aggregation Inhibitors, this term only
#2	MeSH descriptor Aspirin explode all trees
#3	MeSH descriptor Ticlopidine explode all trees
#4	(ticlopidine or clopidogrel or aspirin or acetylsalicylic acid or acetyl-salicylic acid):ti,ab
#5	#1 OR #2 OR #3 OR #4

1.3.3 Traditional drug management of angina

11 **What is the clinical/cost effectiveness of nicorandil for the management of angina?**

12

13 **What is the clinical /cost effectiveness of short acting drugs for the management of**
14 **anginal symptoms?**

15

16 **What is the comparative clinical /cost effectiveness of standard anti-anginal drugs**
17 **(calcium channel blockers, long acting nitrates) for the management of angina?**

18

19 Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention / exposure	Comparison	Study filter used
Stable angina	Nicorandil or short acting drugs or standard anti-anginal drugs (calcium channel blockers, long acting nitrates)	Each other or placebo	RCT/SR/Risk

20

1
2

1.3.3.1 Medline search terms

1.	exp Adrenergic beta-Antagonists/
2.	(propranolol or acebutolol or atenolol or bisoprolol or carvedilol or celiprolol or esmolol or labetalol or metoprolol or nadolol or nebivolol or oxprenolol or pindolol or sotalol or timolol).ti,ab.
3.	((beta\$ or b-adrenoceptor) adj3 (block\$ or inhibit\$ or antagonist\$)).ti.
4.	(beta-block\$ or betablock\$).ti.
5.	or/1-4
6.	Isosorbide Dinitrate/
7.	nitrate\$.ti.
8.	(isosorbide adj2 (dinitrate or mononitrate)).ti,ab.
9.	Nitrates/tu
10.	Nitroglycerin/
11.	Nitro Compounds/tu [Therapeutic Use]
12.	(nitroglycerin or gtn or (glyceryl adj2 trinitrate)).ti,ab.
13.	or/6-13
14.	exp Calcium Channel Blockers/
15.	(calcium adj3 (block\$ or antagonist\$ or inhibit\$)).ti,ab.
16.	calcium channel receptor block\$.ti,ab.
17.	(dihydropyridines or amlodipine or diltiazem or felodipine or isradipine or lacidipine or lercanidipine or nicardipine or nifedipine or nimodipine or verapamil).ti,ab.
18.	or/14-17
19.	exp Potassium Channels/ag [Agonists]
20.	Nicorandil/
21.	((2-nicotinamid\$ or nicotinamid\$) adj2 nitrate\$).ti,ab.
22.	((potassium or potassium-channel) adj3 (opener\$ or agonist\$ or activator\$)).ti,ab.
23.	nicorandil.ti,ab.
24.	Or/19-23
25.	(5 or 13 or 18 or 24)

3
4
5

1.3.3.2 Embase search terms

1.	exp *Adrenergic beta-Antagonists/
2.	(propranolol or acebutolol or atenolol or bisoprolol or carvedilol or celiprolol or esmolol or labetalol or metoprolol or nadolol or nebivolol or oxprenolol or pindolol or sotalol or timolol).ti.
3.	((beta\$ or b-adrenoceptor) adj3 (block\$ or inhibit\$ or antagonist\$)).ti.
4.	(beta-block\$ or betablock\$).ti.
5.	*Isosorbide Dinitrate/ or *Isosorbide mononitrate/ or *nitric acid derivative/
6.	nitrate\$.ti.
7.	(isosorbide adj2 (dinitrate or mononitrate)).ti,ab.
8.	*Nitroglycerin/ or *glyceryl trinitrate/
9.	(nitroglycerin or gtn or (glyceryl adj2 trinitrate)).ti,ab.
10.	exp *Calcium Channel Blockers/
11.	(calcium adj3 (block\$ or antagonist\$ or inhibit\$)).ti.
12.	calcium channel receptor block\$.ti,ab.
13.	(dihydropyridines or amlodipine or diltiazem or felodipine or isradipine or lacidipine or lercanidipine or nicardipine or nifedipine or nimodipine or verapamil).ti.
14.	*Nicorandil/
15.	((2-nicotinamid\$ or nicotinamid\$) adj2 nitrate\$).ti,ab.
16.	((potassium or potassium-channel) adj3 (opener\$ or agonist\$ or activator\$)).ti,ab.
17.	nicorandil.ti,ab.
18.	exp *potassium channel stimulating agent/
19.	or/1-18

1
2
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1.3.3.3 Cinahl search terms

S7	S1 or S2 or S3 or S4 or S5 or S6
S6	nitroglycerin or gtn or (nicorandil or dihydropyridine* or amlodipine or diltiazem or felodipine or isradipine or lacidipine or lercanidipine or nicardipine or nifedipine or nimodipine or verapamil) or calcium N3 block* or calcium N3 antagonist* or calcium N3 inhibit* or potassium N3 opener* or potassium N3 activat* and potassium N3 agonist*
S5	beta-block* or betablock* or beta* N2 inhibit* or b-adrenoceptor N2 block* or b-adrenoceptor N2 inhibit* or beta* N2 antagonist* or b-adrenoceptor N2 antagonist* or (propranolol or acebutolol or atenolol or bisoprolol or carvedilol or esmolol or metoprolol or labetalol or nadolol or nebivolol or oxprenolol or pindolol or sotalol or timolol) or nitrate* or isosorbide N2 dinitrate or isosorbide N2 mononitrate not glyceryl N2 trinitrate
S4	(MH "Nitroglycerin")
S3	(MH "Nitrates/TU")
S2	(MH "Isosorbide Dinitrate")
S1	(MH "Adrenergic Beta-Antagonist+") or (MH "Calcium Channel Blockers+")

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1.3.3.4 Cochrane search terms

#1	MeSH descriptor Adrenergic beta-Antagonists explode all trees
#2	(propranolol or acebutolol or atenolol or bisoprolol or carvedilol or celiprolol or esmolol or labetalol or metoprolol or nadolol or nebivolol or oxprenolol or pindolol or sotalol or timolol):ti
#3	(beta* or b-adrenoceptor) NEXT (block* or inhibit* or antagonist*):ti
#4	(beta-block* or betablock*):ti
#5	MeSH descriptor Isosorbide Dinitrate, this term only
#6	(glyceryl NEXT trinitrate):ti,ab
#7	isosorbide NEXT (dinitrate or mononitrate):ti,ab
#8	MeSH descriptor Nitrates, this term only with qualifier: TU
#9	MeSH descriptor Nitroglycerin, this term only
#10	MeSH descriptor Nitro Compounds, this term only with qualifier: TU
#11	MeSH descriptor Calcium Channel Blockers explode all trees
#12	((calcium channel) NEXT (block* or antagonist* or inhibit*)):ti
#13	(dihydropyridine* or amlodipine or diltiazem or felodipine or isradipine or lacidipine or lercanidipine or nicardipine or nifedipine or nimodipine or verapamil or nitrate* or gtn or nitroglycerin*):ti
#14	MeSH descriptor Potassium Channels explode all trees with qualifier: AG
#15	MeSH descriptor Nicorandil, this term only
#16	nicorandil:ti,ab
#17	((potassium or potassium-channel) NEAR (opener* or agonist* or activator*)):ti,ab
#18	(#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17)

7 **1.3.4 Newer drugs and the management of angina**

8 **What is the clinical /cost effectiveness of newer drugs for the management of**
9 **angina?**

10
11

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention / exposure	Comparison	Study filter used
Stable angina	Newer drugs	Each other or placebo	RCT/SR/Observational Studies/Risk

Stable angina: FULL guideline draft (May 2011)

1
2
3

1.3.4.1 Medline search terms

1.	*Piperazines/
2.	(ranolazine or ivabradine).ti,ab.
3.	*Acetanilides/
4.	((f-channel or f-current or If) adj3 (inhibit\$ or block\$)).ti,ab.
5.	*cardiotonic agents/tu
6.	((new or novel) adj2 (antianginal or anti-anginal)).ti,ab.
7.	Trimetazidine/
8.	*Benzazepines/
9.	or/1-8

4
5
6

1.3.4.2 Embase search terms

1.	(ranolazine or ivabradine).ti,ab.
2.	((f-channel or f-current or If) adj3 (inhibit\$ or block\$)).ti,ab.
3.	ranolazine/
4.	ivabradine/
5.	*trimetazidine/ or *piperazine derivative/
6.	*acetanilide derivative/
7.	*benzazepine derivative/
8.	*cardiotonic agent/dt [Drug Therapy]
9.	((new or novel) adj2 (antianginal or anti-anginal)).ti,ab.
10.	*antiangina pectoris agent/ and (novel or new).ti,ab.
11.	or/1-10

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8
9

1.3.4.3 Cinahl search terms

S5	S1 or S2 or S3 or S4
S4	new N2 anti-anginal or new N2 antianginal or novel N2 antianginal or novel N2 anti-anginal
S3	(MM "Cardiotonic Agents/TU")
S2	(MM "Amides")
S1	ranolazine or ivabradine or f-channel N3 block* or f-channel N3 inhibit* or f-current N3 block* or I f inhibit* or f-current N3 inhibit*

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11
12

1.3.4.4 Cochrane search terms

#1	MeSH descriptor Piperazines
#2	MeSH descriptor Benzazepines
#3	(ranolazine or ivabradine):ti
#4	MeSH descriptor Acetanilides
#5	((f-channel or f-current or I f) NEAR (inhibit* or block*)):ti
#6	MeSH descriptor Trimetazidine
#7	MeSH descriptor Cardiotonic Agents
#8	((novel or new) NEAR (anti-anginal or antianginal)):ti
#9	(#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8)

1 **1.3.5 Revascularisation and revascularisation vs. pharmacotherapy**

2 **In adults with angina, what is the clinical/cost effectiveness of revascularisation**
 3 **techniques to alleviate angina symptoms and to improve long term outcomes?**

4
 5 **What is the clinical/cost effectiveness of revascularisation compared to**
 6 **pharmacotherapy in stable angina?**

7
 8 Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention / exposure	Comparison	Study filter used
Stable angina	Revascularisation techniques	Each other or placebo	RCT/SR

9
 10
 11
 12

1.3.5.1 Medline search terms

1.	*Coronary Artery Bypass/
2.	CABG.ti.
3.	((coronary or aortocoronary) adj3 (bypass\$ or "by pass" or by-pass\$)).ti.
4.	or/1-3
5.	exp *Angioplasty, Balloon/ or *Angioplasty/ or *Angioplasty, Laser/
6.	*Balloon Dilatation/
7.	angioplasty.ti.
8.	(pcta or pci or pta).ti.
9.	((percutaneous or balloon or coronary or transluminal) adj3 (angioplasty or dilation or dilatation or intervention\$)).ti.
10.	*Myocardial Revascularization/
11.	((myocardial or coronary or heart or cardiac) adj2 revasculari\$).ti.
12.	or/5-11
13.	exp *Stents/
14.	((coronary or drug-eluting or "bare metal") adj2 stent\$).ti.
15.	14 or 15
16.	4 or 12 or 15

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 14
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1.3.5.2 Embase search terms

1.	*coronary artery bypass graft/
2.	CABG.ti.
3.	((coronary or aortocoronary) adj3 (bypass\$ or "by pass" or by-pass\$)).ti.
4.	or/1-3
5.	*laser angioplasty/ or *transluminal coronary angioplasty/ or *angioplasty/ or *percutaneous transluminal angioplasty/ or *percutaneous coronary intervention/
6.	*balloon dilatation/
7.	angioplasty.ti.
8.	(pcta or pci or pta).ti.
9.	(balloon adj dilation).ti,ab.
10.	((percutaneous or coronary or transluminal) adj3 (angioplasty or dilation or dilatation or intervention\$)).ti.
11.	*heart muscle revascularization/
12.	((myocardial or coronary or heart or cardiac) adj2 revasculari\$).ti.
13.	or/4-12
14.	*coronary stent/
15.	((coronary or drug-eluting or "bare metal") adj2 stent\$).ti.
16.	14 or 15

Stable angina: FULL guideline draft (May 2011)

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2
3

1.3.5.3 Cinahl search terms

S6	S1 or S2 or S3 or S4 or S5
S5	(MM "Stents+") or TI (coronary N2 stent* or drug-eluting N2 stent* or bare metal N2 stent*)
S4	(MM "Myocardial Revascularization")
S3	(MM "Balloon Dilatation")
S2	(MM "Angioplasty") or (MM "Angioplasty, Balloon+") or (MM "Angioplasty, Laser")
S1	(MM "Coronary Artery Bypass") or TI (CABG or pcta or angioplasty or pci or pta) or TI (coronary N2 bypass or coronary N2 by pass or coronary N2 bypass or aortocoronary N2 by-pass) or TI (percutaneous N2 angioplasty or percutaneous N2 intervention* or balloon N2 dilation or balloon N2 dilatation or coronary N2 angioplasty or transluminal N2 angioplasty) or TI (myocardial N2 revasculari* ro coronary N2 revasculari* or heart N2 revasculari* or cardiac N2 revasculari*)

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1.3.5.4 Cochrane search terms

#1	MeSH descriptor Coronary Artery Bypass, this term only
#2	CABG:ti
#3	((coronary aortocoronary) NEAR (bypass or by-pass or by pass)):ti
#4	MeSH descriptor Angioplasty, this term only
#5	MeSH descriptor Angioplasty, Balloon explode all trees
#6	MeSH descriptor Angioplasty, Laser, this term only
#7	MeSH descriptor Balloon Dilatation, this term only
#8	(angioplasty or pcta or pci or pta):ti
#9	((percutaneous or balloon or coronary or transluminal) NEAR (angioplasty or dilation or dilatation or intervention*)):ti
#10	MeSH descriptor Myocardial Revascularization, this term only
#11	((myocardial or coronary or heart or cardiac) NEAR (revasculari*)):ti
#12	MeSH descriptor Stents explode all trees
#13	((coronary or drug-eluting or bare metal) NEAR stent*):ti
#14	(#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13)

7

1.3.6 Secondary prevention (ACE inhibitors or ARBs)

8
9

What is the clinical /cost effectiveness of ACE inhibitors or ARBs for the management of angina?

10

Search constructed by combining the columns in the following table using the AND Boolean operator

11

Population	Intervention / exposure	Comparison	Study filter used
Stable angina	ACE inhibitors or ARBs	Each other or placebo	RCT/SR

12

13

1.3.6.1 Medline search terms

14

1.	exp Angiotensin-Converting Enzyme Inhibitors/
2.	((("angiotensin-converting enzyme" or ACE) adj2 inhibitor\$).ti,ab.
3.	(captopril or cilazapril or enalapril or fosinopril or imidapril or lisinopril or moexipril or perindopril or quinapril ortrandolapril).ti,ab.
4.	1 or 2 or 3
5.	exp Angiotensin II Type 1 Receptor Blockers/
6.	exp Receptors, Angiotensin/ai [Antagonists & Inhibitors]
7.	(candesartan or valsartan).ti,ab.

Stable angina: FULL guideline draft (May 2011)

8.	(angiotensin adj3 receptor adj3 (antagonist\$ or blocker\$)).ti,ab.
9.	(ARB or ARBs).ti,ab.
10.	losartan.ti,ab.
11.	(eprosartan or irbesartan or olmesartan or telmisartan).ti,ab.
12.	or/5-11
13.	4 or 12

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3

1.3.6.2 Embase search terms

1.	((("angiotensin-converting enzyme" or ACE) adj2 inhibitor\$).ti,ab.
2.	(captopril or cilazapril or enalapril or fosinopril or imidapril or lisinopril or moexipril or perindopril or quinapril or trandolapril).ti,ab.
3.	exp *Dipeptidyl Carboxypeptidase Inhibitor/
4.	1 or 2 or 3
5.	exp *Angiotensin Receptor Antagonist/
6.	candesartan/ or valsartan/
7.	(candesartan or valsartan).ti,ab.
8.	(ARB or ARBs).ti,ab.
9.	(angiotensin adj3 receptor adj3 (antagonist\$ or blocker\$)).ti,ab.
10.	(losartan or eprosartan or irbesartan or olmesartan or telmisartan).ti,ab.
11.	or/5-10
12.	4 or 11

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1.3.6.3 Cinahl search terms

S5	S1 or S2 or S3 or S4
S4	(candesartan or losartan or valsartan or eprosartan or irbesartan or olmesartan or telmisartan or ARB or ARBS) or angiotensin receptor N3 antagonist* or angiotensin receptor N3 blocker*
S3	(MH "Angiotensin II Type I Receptor Blockers+")
S2	(captopril or cilazipril or enalapril or fosinopril or imidapril or lisinopril or moexipril or perindopril or coversyl or quinapril or ramipril or trandolapril) or angiotensin-converting enzyme N2 inhibitor* or ACE N2 inhibitor*
S1	(MH "Angiotensin-Converting Enzyme Inhibitors+")

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1.3.6.4 Cochrane search terms

#1	MeSH descriptor Angiotensin-Converting Enzyme Inhibitors explode all trees
#2	(captopril or cilazipril or enalapril or fosinopril or imidapril or lisinopril or moexipril or perindopril or quinapril or trandolapril):ti,ab
#3	((("angiotensin-converting enzyme" or ACE) NEAR (inhibitor*)):ti,ab
#4	MeSH descriptor Receptors, Angiotensin explode all trees with qualifier: AI
#5	MeSH descriptor Angiotensin II Type 1 Receptor Blockers explode all trees
#6	(candesartan or losartan or valsartan or eprosartan or irbesartan or olmesartan or telmisartan):ti,ab
#7	(ARB or ARBs):ti,ab
#8	((Angiotensin NEAR receptor) NEAR (antagonist* or blocker*)):ti,ab
#9	(#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8)

1 **1.3.7 Risk scores and prognostic risk stratification**

2 **Which tables, equations, engines, models or scoring systems are most effective for**
 3 **prognostic risk stratification in prediction of adverse cardiac outcomes in adults**
 4 **with stable angina?**

5
 6 Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention / exposure	Comparison	Study filter used
Stable angina	Risk stratification tables, equations, engines, models or scoring systems		

7
 8
 9

1.3.7.1 Medline search terms

1.	risk assessment/mt
2.	(risk adj2 (assessment\$ or scor\$ or table\$ or equation\$ or model\$)).ti,ab.
3.	(scor\$ adj2 system\$).ti,ab.
4.	1 or 2 or 3
5.	*Age Factors/
6.	*Sex Factors/
7.	*Hypertension/
8.	*diabetes mellitus/ or exp *diabetes mellitus, type 2/
9.	*Myocardial Infarction/ and (post or previous).ti,ab.
10.	QT interval.ti,ab.
11.	*Smoking/
12.	*body mass index/ or *waist-hip ratio/
13.	*Ventricular Dysfunction, Left/
14.	(*blood cell count/ or exp *leukocyte count/) and white blood cell count.ti,ab.
15.	*Blood Glucose/ and (raised or elevated or high).ti,ab.
16.	"left ventricular ejection fraction".ti,ab.
17.	*Stroke/ and (post or previous).ti,ab.
18.	*Angina Pectoris/dt [Drug Therapy]
19.	((post or previous) adj2 (stroke\$ or MI or "myocardial infarct\$")).ti,ab.
20.	((three or triple or multi\$) adj2 (vessel or coronar\$ or arter\$) adj2 disease).ti,ab.
21.	((raised or concentrat\$ or elevated or high) adj2 (blood sugar or blood glucose or creatinine)).ti,ab.
22.	((lipid lowering or statin) adj (therap\$ or treatment\$ or drugs\$)).ti,ab.
23.	or/5-22
24.	Risk factors/ or risk assessment/
25.	(risk adj3 (factor\$ or stratif\$)).ti,ab.
26.	(predict\$ or prognos\$).ti,ab.
27.	exp survival analysis/
28.	or/24-27
29.	23 and 28
30.	4 or 29

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1.3.7.2 Embase search terms

1.	(scor\$ adj2 system\$).ti,ab.
2.	*risk assessment/
3.	(risk adj2 (scor\$ or assessment\$ or table\$ or equation\$ or engine\$ or model\$)).ti,ab.
4.	1 or 2 or 3
5.	*Age Factors/
6.	*Sex Factors/

7.	*Hypertension/
8.	*diabetes mellitus/ or exp *diabetes mellitus, type 2/
9.	*Myocardial Infarction/ and (post or previous).ti,ab.
10.	QT interval.ti,ab.
11.	*Smoking/
12.	*body mass index/ or *waist-hip ratio/
13.	*Ventricular Dysfunction, Left/
14.	(*blood cell count/ or exp *leukocyte count/) and white blood cell count.ti,ab.
15.	*Blood Glucose/ and (raised or elevated or high).ti,ab.
16.	"left ventricular ejection fraction".ti,ab.
17.	*Stroke/ and (post or previous).ti,ab.
18.	*Angina Pectoris/dt [Drug Therapy]
19.	((post or previous) adj2 (stroke\$ or MI or "myocardial infarct\$")).ti,ab.
20.	((three or triple or multi\$) adj2 (vessel or coronar\$ or arter\$) adj2 disease).ti,ab.
21.	((raised or concentrat\$ or elevated or high) adj2 (blood sugar or blood glucose or creatinine)).ti,ab.
22.	((lipid lowering or statin) adj (therap\$ or treatment\$ or drugs\$)).ti,ab.
23.	or/5-22
24.	Risk factors/ or risk assessment/
25.	(risk adj3 (factor\$ or stratif\$)).ti,ab.
26.	(predict\$ or prognos\$).ti,ab.
27.	exp survival analysis/
28.	or/24-27
29.	23 and 28
30.	4 or 29

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2
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1.3.7.3 Cinahl search terms

S4	S1 or S2 or S3
S3	(MH "Survival Analysis+")
S2	(MH "Risk Assessment/MT") or risk N2 assessment* or scor* N2 system* or TI prognos* or TI predict* or risk N2 scor* or risk N2 table* or risk N2 stratif* or risk N2 model* or risk N2 adjust*
S1	(MH "Risk Assessment/MT")

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1.3.7.4 Cochrane search terms

#1	MeSH descriptor Risk Assessment explode all trees
#2	(scor* NEXT system*):ti,ab
#3	risk NEAR (assessment* or adjustment* or stratif* or table* or equation* or engine* or model*):ti,ab
#4	MeSH descriptor Survival Analysis, this term only
#5	(prognos* or predict*):ti
#6	(#1 OR #2 OR #3 OR #4 OR #5)

1 **1.3.8 Anatomical/functional tests and prognostic risk stratification**

2 **What is the INCREMENTAL value/effectiveness of anatomical/functional tests for**
 3 **prognostic risk stratification in prediction of adverse cardiac outcomes in adults**
 4 **with stable angina?**

5
 6 Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention / exposure	Comparison	Study filter used
Stable angina	Anatomical/functional tests for prognostic risk stratification		Risk

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1.3.8.1 Medline search terms

1.	*Exercise Test/
2.	*Radionuclide Angiography/
3.	*Tomography, X-Ray Computed/
4.	*Coronary Angiography/
5.	*magnetic resonance imaging/ or exp *magnetic resonance angiography/ or *magnetic resonance imaging, cine/
6.	*electrocardiography/ or *electrocardiography, ambulatory/
7.	*Tomography, Spiral Computed/
8.	*echocardiography/ or *echocardiography, stress/
9.	*radionuclide imaging/ or exp *perfusion imaging/
10.	exp *Tomography, Emission-Computed, Single-Photon/
11.	or/1-10
12.	*myocardial ischemia/ra, ri or *angina pectoris/ra, ri or *coronary artery disease/ra, ri
13.	11 or 12
14.	((electron beam or multi-slice) adj (CT or tomograph\$)).ti.
15.	(Ca-scoring or ca scoring).ti,ab.
16.	(myocardial adj3 scintigraph\$).ti.
17.	((adenosine or radionuclide or dobutamine or dipyridamole or thallium) adj4 (imag\$ or echocardiograph\$ or scintigraph\$)).ti.
18.	(single photon adj2 (CT or tomograph\$)).ti.
19.	coronary angiograph\$.ti.
20.	(cardiac adj (mri or magnetic resonance)).ti.
21.	(stress adj (ecg or MPS or perfusion imaging or MRI or echocardiograph\$)).ti.
22.	or/14-21
23.	13 or 22
24.	exp RISK/
25.	exp Odds Ratio/
26.	exp prognosis/
27.	(prognos\$ or predict\$).ti,ab.
28.	relative risk.ti,ab.
29.	(odds adj2 ratio).ti,ab.
30.	or/24-29
31.	23 and 30

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1.3.8.2 Embase search terms

1.	((electron beam or multi-slice) adj (CT or tomograph\$)).ti.
2.	(Ca-scoring or ca scoring).ti,ab.
3.	(myocardial adj3 scintigraph\$).ti.

4.	((adenosine or radionuclide or dobutamine or dipyridamole or thallium) adj4 (imag\$ or echocardiograph\$ or scintigraph\$)).ti.
5.	(single photon adj2 (CT or tomograph\$)).ti.
6.	coronary angiograph\$.ti.
7.	(cardiac adj (mri or magnetic resonance)).ti.
8.	(stress adj (ecg or MPS or perfusion imaging or MRI or echocardiograph\$)).ti.
9.	*scintiangiography/ or *scintiscanning/ or *scintiangiocardiology/
10.	*computer assisted tomography/ or *computed tomographic angiography/ or *computer assisted emission tomography/ or *electron beam tomography/ or *single photon emission computer tomography/ or *spiral computer assisted tomography/
11.	exp *angiocardiology/
12.	*nuclear magnetic resonance imaging/ or *magnetic resonance angiography/
13.	*exercise electrocardiology/ or *electrocardiology/
14.	*echocardiography/ or *intracardiac echocardiography/ or *stress echocardiography/
15.	*heart scintiscanning/
16.	*single photon emission computer tomography/
17.	*multidetector computed tomography/
18.	exp RISK/ or exp prognosis/
19.	relative risk.ti,ab.
20.	(odds adj2 ratio).ti,ab.
21.	(risk adj3 factor\$).tw.
22.	(prognos\$ or predict\$).ti,ab.
23.	or/1-17
24.	or/18-22
25.	*exercise test/
26.	*functional magnetic resonance imaging/
27.	*two dimensional echocardiography/
28.	23 or 25 or 26 or 27
29.	24 and 28

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1.3.8.3 Cinahl search terms

S8	(S4 or S5 or S6) and S3
S7	S4 or S5 or S6
S6	risk or prognos* or predict* or odds N2 ratio
S5	(MH "Risk Factors+")
S4	(MH "Prognosis+")
S3	S1 or S2
S2	(MH "Diagnostic Imaging+")
S1	(MH "Exercise Test") or (MH "Exercise Test, Cardiopulmonary")

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1.3.8.4 Cochrane search terms

#1	MeSH descriptor Magnetic Resonance Angiography, this term only
#2	MeSH descriptor Magnetic Resonance Imaging, Cine, this term only
#3	MeSH descriptor Electrocardiology, Ambulatory, this term only
#4	MeSH descriptor Tomography, Spiral Computed, this term only
#5	MeSH descriptor Echocardiography, Stress, this term only
#6	MeSH descriptor Radionuclide Imaging, this term only
#7	MeSH descriptor Perfusion Imaging explode all trees
#8	MeSH descriptor Tomography, Emission-Computed, this term only
#9	MeSH descriptor Angina Pectoris, this term only with qualifier: RI
#10	(electron beam or multi-slice) next (CT or tomograph*):ti

Stable angina: FULL guideline draft (May 2011)

#11	(myocardial NEAR scintigraph*):ti
#12	((adenosine or radionuclide or dobutamine or dipyridamole or thallium) NEAR (imag* or echocardiograph* or scintigraph*)):ti
#13	("single photon") NEXT (CT or tomograph*):ti,ab
#14	(cardiac NEXT (MRI or "magnetic resonance")):ti
#15	((stress or exercise) NEXT (ECG or MPS or "perfusion imaging" or MRI or test* or echocardiograph*)):ti
#16	(#1 OR #2 OR #3OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15)
#17	MeSH descriptor Risk explode all trees
#18	MeSH descriptor Prognosis explode all trees
#19	MeSH descriptor Odds Ratio, this term only
#20	risk:ti,ab
#21	(prognos* or predict*):ti,ab
#22	(odds NEXT ratio*):ti,ab
#23	(#17 OR #18 OR #19 OR #20 OR #21 OR #22)
#24	(#16 AND #23)

1 **1.3.9 Rehabilitation**

2 **What is the clinical/cost effectiveness of cardiac rehabilitation programmes for**
3 **patients with stable angina?**

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Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention / exposure	Comparison	Study filter used
Stable angina	Psychological or exercise-based rehabilitation programmes		RCT/SR (Used for Medline and Embase searches of (b) exercise-based rehabilitation)

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a) Psychological rehabilitation

1.3.9a.1 Medline search terms

1.	Cognitive Therapy/ or Behavior Therapy/
2.	Psychotherapy/
3.	((cbt or (cognitive or behavior?r\$)) adj2 (therap\$ or treatment\$)).ti,ab.
4.	(relaxation adj2 (therap\$ or technique\$)).ti,ab.
5.	((pace or pacing) adj2 (activit\$ or technique\$)).ti,ab.
6.	"angina plan".ti,ab.
7.	Patient Education as Topic/
8.	(education\$ adj program\$).ti.
9.	Self Care/ed, mt, px [Education, Methods, Psychology]
10.	Learning/
11.	*Teaching Materials/
12.	*Information Services/
13.	hotlines/
14.	("patient information" or "health information" or "patient literature").ti,ab.
15.	Access to Information/ or internet/ or consumer health information/ or "information storage and retrieval"/
16.	exp communication/ and exp health personnel/
17.	communication barriers/
18.	(expert adj patient\$).ti,ab.
19.	publications/ or pamphlets/ or (pamphlet\$ or weblink\$ or website\$ or webpage\$ or

	booklet\$.ti,ab.
20.	Information Dissemination/
21.	(information adj2 (provision or resource\$ or disseminat\$ or needs or hotline\$ or leaflet\$ or pack\$ or deliver\$)).ti,ab.
22.	"advisory service\$.ti,ab.
23.	((patient or client\$) adj2 (educat\$ or training or teach\$ or learn\$ or tutorial\$ or seminar\$ or workshop\$)).ti,ab.
24.	((selfcare or self-care or self-management or self-help or selfhelp) adj2 (cours\$ or education or session\$ or class\$ or train\$ or learn\$ or teach\$ or workshop\$ or seminar\$ or tutorial\$ or program\$)).ti,ab.
25.	(counseling or counselling).ti,ab.
26.	*Self Care/
27.	Health Education/
28.	exercise/px
29.	Counseling/
30.	(cardiac adj3 program\$).ti,ab.
31.	"stress management".ti,ab.
32.	exp Mind-Body Therapies/
33.	(hypnotherapy or "autogenic training").ti,ab.
34.	(psycho\$ adj2 (intervention\$ or support or therap\$ or education)).ti,ab.
35.	Adaptation, Psychological/
36.	or/1-35

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1.3.9a.2 Embase search terms

1.	((cbt or (cognitive or behavio?r\$)) adj2 (therap\$ or treatment\$)).ti,ab.
2.	(relaxation adj2 (therap\$ or technique\$)).ti,ab.
3.	((pace or pacing) adj2 (activit\$ or technique\$)).ti,ab.
4.	"angina plan".ti,ab.
5.	(education\$ adj program\$).ti.
6.	("patient information" or "health information" or "patient literature").ti,ab.
7.	(expert adj patient\$).ti,ab.
8.	publications/ or pamphlets/ or (pamphlet\$ or weblink\$ or website\$ or webpage\$ or booklet\$).ti,ab.
9.	(information adj2 (provision or resource\$ or disseminat\$ or needs or hotline\$ or leaflet\$ or pack\$ or deliver\$)).ti,ab.
10.	"advisory service\$.ti,ab.
11.	((patient or client\$) adj2 (educat\$ or training or teach\$ or learn\$ or tutorial\$ or seminar\$ or workshop\$)).ti,ab.
12.	((selfcare or self-care or self-management or self-help or selfhelp) adj2 (cours\$ or education or session\$ or class\$ or train\$ or learn\$ or teach\$ or workshop\$ or seminar\$ or tutorial\$ or program\$)).ti,ab.
13.	(counseling or counselling).ti,ab.
14.	(cardiac adj3 program\$).ti,ab.
15.	"stress management".ti,ab.
16.	(hypnotherapy or "autogenic training").ti,ab.
17.	(psycho\$ adj2 (intervention\$ or support or therap\$ or education)).ti,ab.
18.	patient education/ or *health education/
19.	*self help/
20.	*self care/
21.	*learning/
22.	*teaching/
23.	*information service/
24.	*telephone/
25.	*information retrieval/ or *access to information/ or *medical information/

26.	consumer health information/
27.	*internet/
28.	exp *interpersonal communication/ and exp health care personnel/
29.	adaptive behavior/
30.	*publication/ or (pamphlet\$ or weblink\$ or website\$ or webpage\$ or booklet\$).ti,ab.
31.	*information dissemination/
32.	*counseling/ or *patient counseling/
33.	exp psychotherapy/
34.	psychological well being/
35.	or/1-34

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1.3.9a.3 PsychINFO search terms

1.	((cbt or (cognitive or behavior?r\$)) adj2 (therap\$ or treatment\$)).ti,ab.
2.	(relaxation adj2 (therap\$ or technique\$)).ti,ab.
3.	((pace or pacing) adj2 (activit\$ or technique\$)).ti,ab.
4.	"angina plan".ti,ab.
5.	(education\$ adj program\$).ti.
6.	Learning/
7.	("patient information" or "patient literature").ti,ab.
8.	exp communication/ and exp health personnel/
9.	communication barriers/
10.	(expert adj patient\$).ti,ab.
11.	publications/ or pamphlets/ or (pamphlet\$ or weblink\$ or website\$ or webpage\$ or booklet\$).ti,ab.
12.	(information adj2 (provision or resource\$ or disseminat\$ or needs or hotline\$ or leaflet\$ or pack\$ or deliver\$)).ti,ab.
13.	"advisory service\$".ti,ab.
14.	((patient or client\$) adj2 (educat\$ or training or teach\$ or learn\$ or tutorial\$ or seminar\$ or workshop\$)).ti,ab.
15.	((selfcare or self-care or self-management or self-help or selfhelp) adj2 (cours\$ or education or session\$ or class\$ or train\$ or learn\$ or teach\$ or workshop\$ or seminar\$ or tutorial\$ or program\$)).ti,ab.
16.	(counseling or counselling).ti,ab.
17.	Counseling/
18.	(cardiac adj3 program\$).ti,ab.
19.	"stress management".ti,ab.
20.	(hypnotherapy or "autogenic training").ti,ab.
21.	(psycho\$ adj2 (intervention\$ or therap\$ or education)).ti,ab.
22.	psychotherapy/ or educational therapy/ or psychotherapeutic techniques/
23.	Self Care Skills/ or Self Management/ or Exercise/ or Self Efficacy/ or Coping Behavior/
24.	educational programs/ or individual education programs/
25.	information services/ or computer searching/ or information dissemination/
26.	internet/ or hotline services/
27.	information seeking/
28.	rehabilitation/ or psychosocial rehabilitation/ or independent living programs/ or rehabilitation centers/ or rehabilitation counseling/
29.	client education/ or health education/
30.	or/1-30

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1.3.9a.4 Cinahl search terms

S21	S1 or S2 or S3 or S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15 or S16 or S17 or S18 or S19 or S20
S20	selfcare N2 train** or selfcare workshop* or selfcare N2 seminar* or selfcare N2 tutorial* or selfcare N2 program* or self management N2 program* or self management N2 cours* or self management N2 workshop* or self management N2 seminar* or self management N2 class* or selfcare N2 session* or selfcare N2 class*
S19	patient N2 tutorial* or patient N2 seminar* or patient N2 workshop* or cardiac N2 rehab* or cardiac N2 program* or (counseling or counselling) or psych* N2 intervention* or psych* N2 support or psych* N2 therap* or psych* N2 education or selfcare N2 cours* or selfcare N2 education
S18	information N2 provision or information N2 resource* or information N2 disseminat* or informationN2 needs or information N2 hotline* or inforamtion N2 leaflet* or information N2 pack* or information N2 deliver* or patient N2 educat* or patient N2 training or patient N2 teach* or patient N2 learn*
S17	(cbt or angina plan or patient information or health information or patient literature or advisory service* or stress management or hypnotherapy or autogenic training) or cognitive N2 therap* or cognitive N2 treatment* or behavio?r* N2 therap* or behavio?r* N2 treatment* or relaxation N2 therap* or relaxation N2 technique* or pacing N2 activit* or pacing N2 technique* or T1 education N2 program* or expert N1 patient* or (pamphlet* or weblink* or website* or webpage* or booklet*)
S16	(MH "Health Personnel+") and (MH "Communication+")
S15	(MH "Mind Body Techniques+")
S14	(MH "Adaptation, Psychological")
S13	(MH "Counseling")
S12	(MH "Pamphlets")
S11	(MH "Communication Barriers")
S10	(MH "Telephone Information Services")
S9	(MH "Internet")
S8	(MH "Access to Information") or (MH "Consumer Health Information") or (MH "Health Information Networks") or (MH "Information Needs") or (MH "Information Resources") or (MH "Information Seeking Behavior") or (MH "Health Information") or (MH "Information Retrieval") or (MH "Remote Access to Information")
S7	(MH "Teaching Materials")
S6	(MH "Learning") or (MH "Learning Methods")
S5	(MH "Self Care")
S4	(MH "Patient Education")
S3	(MH "Health Education")
S2	(MH "Behavior Modification") or (MH "Behavioral Changes") or (MH "Behavior Therapy") or (MH "Behavior and Behavior Mechanisms")
S1	(MH "Psychotherapy") or (MH "Psychotherapy, Group") or (MH "Cognitive Therapy")

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1.3.9a.5 Cochrane search terms

#1	MeSH descriptor Psychotherapy, this term only
#2	MeSH descriptor Cognitive Therapy explode all trees
#3	MeSH descriptor Behavior Therapy, this term only
#4	MeSH descriptor Mind-Body Therapies explode all trees
#5	MeSH descriptor Adaptation, Psychological, this term only
#6	MeSH descriptor Counseling, this term only
#7	MeSH descriptor Exercise, this term only with qualifier: PX
#8	MeSH descriptor Patient Education as Topic, this term only

#9	MeSH descriptor Self Care, this term only with qualifiers: ED,PX,MT
#10	MeSH descriptor Learning, this term only
#11	MeSH descriptor Teaching Materials, this term only
#12	MeSH descriptor Information Services, this term only
#13	MeSH descriptor Hotlines, this term only
#14	MeSH descriptor Access to Information, this term only
#15	MeSH descriptor Internet, this term only
#16	MeSH descriptor Consumer Health Information, this term only
#17	MeSH descriptor Information Storage and Retrieval, this term only
#18	MeSH descriptor Communication Barriers, this term only
#19	MeSH descriptor Publications, this term only
#20	MeSH descriptor Pamphlets, this term only
#21	MeSH descriptor Information Dissemination, this term only
#22	MeSH descriptor Health Education, this term only
#23	(cbt or "angina plan" or "stress management" or "patient information" or "health information" or "patient literature" or hypnotherapy or "autogenic training" or "advisory service*"):ti,ab
#24	((cognitive or behavio?r*) NEXT (therap* or treatment*)):ti,ab
#25	(relaxation NEXT (therap* or technique*)):ti,ab
#26	pacing NEXT (activit* or technique*):ti,ab
#27	(education NEXT program*):ti
#28	(expert NEXT patient*):ti,ab
#29	(pamphlet* or weblink* or website* or webpage* or booklet*):ti,ab
#30	information NEXT (provision or resource* or dissemin* or needs or hotline* or leaflet* or pack* or deliver*):ti,ab
#31	((patient or client) NEXT (educat* or training or teach* or learn* or tutorial* or seminar* or workshop*)):ti,ab
#32	((selfcare or self-care or self- management or self-help or selfhelp) NEXT (cours* or education or session* or class* or train* or learn* or teach* or workshop* or seminar* or tutorial* or program*)):ti,ab
#33	#50 psycho* NEXT (intervention* or support or therap* or education):ti,ab
#34	MeSH descriptor Communication explode all trees
#35	MeSH descriptor Health Personnel explode all trees
#36	(#34 AND #35)
#37	(#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10)
#38	(#11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20)
#39	(#21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #36)
#40	(#37 OR #38 OR #39)

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b) Exercise-based rehabilitation

1.3.9b.1 Medline search terms

1.	rehabilitation/ or exp exercise therapy/ or exercise movement techniques/
2.	heart rehabilitation/
3.	community based rehabilitation/
4.	*"Physical Education and Training"/
5.	(exp *exercise/ or *physical exertion/) and rehab\$.ti,ab.
6.	*Physical Fitness/ or *muscle training/
7.	(*Exercise Test/ or *exercise tolerance/) and rehab\$.ti,ab.
8.	(exp *Sports/ or *community care/ or *health program/) and (exercise\$ or rehab\$).ti,ab.
9.	rehabilitation.ti.

10.	((cardiac or heart or coronary or exercise) adj2 rehabilitation).ti,ab.
11.	(rehabilitation adj2 (program\$ or class\$ or team\$)).ti,ab.
12.	(exercise adj2 (therap\$ or training or program\$ or class\$ or session\$)).ti,ab.
13.	(physical adj2 (fitness or education or training or activit\$)).ti,ab.
14.	((aerobic or muscle or resistive) adj2 (exercise\$ or training)).ti,ab.
15.	Rehabilitation Nursing/
16.	exp Myocardial Ischemia/rh or heart diseases/rh
17.	(exercise\$ and rehab\$).ti.
18.	or/1-17

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1.3.9b.2 Embase search terms

1.	rehabilitation/ or exp exercise therapy/
2.	heart rehabilitation/
3.	community based rehabilitation/
4.	*"Physical Education and Training"/
5.	(exp *exercise/ or *physical exertion/) and rehab\$.ti,ab.
6.	*Physical Fitness/ or *muscle training/
7.	(*Exercise Test/ or *exercise tolerance/) and rehab\$.ti,ab.
8.	(exp *Sports/ or *community care/ or *health program/) and (exercise\$ or rehab\$).ti,ab.
9.	rehabilitation.ti.
10.	((cardiac or heart or coronary or exercise) adj2 rehabilitation).ti,ab.
11.	(rehabilitation adj2 (program\$ or class\$ or team\$)).ti,ab.
12.	(exercise adj2 (therap\$ or training or program\$ or class\$ or session\$)).ti,ab.
13.	(physical adj2 (fitness or education or training or activit\$)).ti,ab.
14.	((aerobic or muscle or resistive) adj2 (exercise\$ or training)).ti,ab.
15.	Rehabilitation Nursing/
16.	home rehabilitation/ or geriatric rehabilitation/ or rehabilitation patient/
17.	(exercise\$ and rehab\$).ti.
18.	heart disease/rh [Rehabilitation]
19.	exp ischemic heart disease/rh [Rehabilitation]
20.	or/1-19

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1.3.9b.3 Cinahl search terms

S18	S1 or S2 or S3 or S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15 or S16 or S17
S17	(MM "Exertion") and rehab*
S16	(MM "Physical Activity") or (MM "Physical Education and Training") or (MM "Physical Education, Adapted")
S15	(MM "Exercise+") and rehab*
S14	(MH "Therapeutic Exercise+")
S13	(MM "Sports+") and rehab*
S12	((MH "Exercise Test") or (MH "Exercise Test, Cardiopulmonary")) and rehab*
S11	(MH "Exercise Tolerance") and rehab*
S10	exercise N2 session* or physical N2 fitness or physical N2 education or physical N2 training or physical N2 activit* or aerobic N2 exercise* or aerobic N2 training or muscle N2 training or muscle N2 strengthen* or strengthen* N2 exercis* or resistive N2 exercis* or resistive N2 training
S9	TI rehabilitation or TI (exercise* AND rehab*) or cardiac N2 rehab* or heart N2 rehab* or coronary N2 rehab* or exercise N2 rehab* or rehab* N2 program* or rehab* N2 class* or exercise N2 therap* or exercise N2 training or exercise N2 class* or exercise N2 program*
S8	(MH "Myocardial Ischemia+/RH")

S7	(MH "Heart Diseases/RH")
S6	(MH "Rehabilitation Nursing")
S5	(MM "Muscle Strengthening")
S4	(MM "Physical Fitness")
S3	(MH "Rehabilitation")
S2	(MH "Rehabilitation, Community-Based") or (MH "Home Rehabilitation")
S1	(MH "Rehabilitation, Cardiac+")

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1.3.9b.4 Cochrane search terms

#1	MeSH descriptor Rehabilitation, this term only
#2	MeSH descriptor Exercise Therapy explode all trees
#3	MeSH descriptor Physical Education and Training, this term only
#4	MeSH descriptor Exercise explode all trees
#5	MeSH descriptor Physical Exertion, this term only
#6	MeSH descriptor Physical Fitness, this term only
#7	MeSH descriptor Rehabilitation Nursing, this term only
#8	MeSH descriptor Myocardial Ischemia explode all trees with qualifier: RH
#9	MeSH descriptor Heart Diseases, this term only with qualifier: RH
#10	rehabilitation:ti
#11	((cardiac or heart or coronary or exercise) NEXT rehab*):ti,ab
#12	(rehab* NEXT (program* or class* or team*)):ti,ab
#13	(exercise NEXT (therap* or training or program* or class* or session*)):ti,ab
#14	(physical NEXT (fitness or education or training or activit*)):ti,ab
#15	(aerobic or muscle or resistive or strength) NEXT (exercise* or training):ti,ab
#16	MeSH descriptor Exercise Movement Techniques, this term only
#17	MeSH descriptor Exercise Test explode all trees
#18	MeSH descriptor Exercise Tolerance explode all trees
#19	MeSH descriptor Sports explode all trees
#20	rehab*:ti,ab
#21	((#4 OR #5 OR #17 OR #18 OR #19) AND #20)
#22	(#1 OR #2 OR #3 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #21)

4 1.3.10 Lifestyle adjustments

5 **What is the clinical/cost effectiveness of angina-specific interventions to modify**
6 **lifestyle/CVD risk factors, to reduce symptoms, morbidity and mortality and**
7 **improve quality of life in angina patients?**

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Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention / exposure	Comparison	Study filter used
Stable angina	Lifestyle interventions		RCT/SR/Observational Studies

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1.3.10.1 Medline search terms

1.	lifestyle.ti,ab.
2.	Diet/
3.	Dietetics/
4.	exp Diet therapy/
5.	((Diet\$ or Nutrition\$) adj2 advice).ti,ab.
6.	diet*.ti,ab.
7.	Dietetic*.ti,ab.

Stable angina: FULL guideline draft (May 2011)

8.	low calorie diet/
9.	(low adj2 (calor\$ or diet\$)).ti,ab.
10.	Caloric Restriction/
11.	(Calor\$ adj2 Restrict\$).ti,ab.
12.	(calorie adj3 (diet\$ or regim\$ or program\$)).ti,ab.
13.	exp Vitamins/
14.	exp Dietary Supplements/
15.	exp Fish oils/
16.	(Fatty acids or Omega-3).ti,ab.
17.	vitamin*.ti,ab.
18.	((diet* or food or nutrition*) adj2 supplement*).ti,ab.
19.	(Neutraceuticals or Nutraceuticals).ti,ab.
20.	or/1-19

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1.3.10.2 Embase search terms

1.	lifestyle.ti,ab.
2.	Diet/
3.	Nutrition/
4.	Dietetics/
5.	exp Diet therapy/
6.	((Diet\$ or Nutrition\$) adj2 advice).ti,ab.
7.	diet*.ti,ab.
8.	Dietetic*.ti,ab.
9.	low calorie diet/
10.	(low adj2 (calor\$ or diet\$)).ti,ab.
11.	Caloric Restriction/
12.	(Calor\$ adj2 Restrict\$).ti,ab.
13.	(calorie adj3 (diet\$ or regim\$ or program\$)).ti,ab.
14.	exp Vitamins/
15.	exp Dietary Supplements/
16.	exp Fish oils/
17.	(Fatty acids or Omega-3).ti,ab.
18.	vitamin*.ti,ab.
19.	((diet* or food or nutrition*) adj2 supplement*).ti,ab.
20.	(Neutraceuticals or Nutraceuticals).ti,ab.
21.	or/1-20

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1.3.10.3 Cinahl search terms

S3	S1 or S2
S2	fatty acids or omega 3 or vitamin* or ((diet* or food or nutrition) and supplement*) or Neutraceuticals and Nutraceuticals
S1	MH Diet+ or MH Diet therapy+ or MH Dietetics+ or Diet* or MH low calorie diet or MH calorie restriction or MH vitamins+ or MH dietary supplements+ or MH fish oils+

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1.3.10.4 Cochrane search terms

#1	MeSH descriptor Diet explode all trees
#2	MeSH descriptor Dietetics explode all trees
#3	MeSH descriptor Diet Therapy explode all trees
#4	(diet*):ti,ab,kw or (dietetic*):ti,ab,kw or (calor* near restrict*):ti,ab,kw or (fatty acids):ti,ab,kw or (omega 3):ti,ab,kw
#5	MeSH descriptor Vitamins explode all trees

#6	MeSH descriptor Dietary Supplements explode all trees
#7	MeSH descriptor Fish Oils explode all trees
#8	(vitamin*):ti,ab,kw or (Neutraceuticals):ti,ab,kw or (Nutraceuticals):ti,ab,kw
#9	(#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8)

1 **1.3.11 Pain interventions**

2 **What is the clinical/cost effectiveness of (angina specific) specialised pain**
3 **interventions in patients with stable angina?**

4

5

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention / exposure	Comparison	Study filter used
Stable angina	Specialised pain interventions		RCT/SR/Observational Studies

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7

8

1.3.11.1 Medline search terms

1.	exp Transcutaneous Electric Nerve Stimulation/
2.	((transcutaneous or percutaneous or transdermal cutaneous) adj3 (electr* or nerve or stimulation)).ti,ab.
3.	tens.ti,ab.
4.	electroanalgesi*.ti,ab.
5.	(stimulat* adj2 electr*).ti,ab.
6.	or/1-5
7.	Cognitive Therapy/
8.	neurorehab\$.ti,ab.
9.	((neuro\$ or cognitive or memory) adj2 (retrain\$ or rehab\$)).ti,ab.
10.	reminder systems/
11.	((perceptual or visuo-spatial or visuo-perceptual or attention or cognitive or cognition or scanning) adj3 (training or re-training or retraining or rehabilitation or intervention or therapy)).ti,ab.
12.	((meta-cognitive or metacognitive or cognitive) adj2 strateg\$).ti,ab.
13.	or/7-12
14.	exp Sympathectomy/
15.	sympathectom*.ti,ab.
16.	(sympathetic adj2 denervation).ti,ab.
17.	or/14-16
18.	*Analgesics, Opioid/
19.	buprenorphine/ or codeine/ or fentanyl/ or hydromorphone/ or methadone/ or morphine/ or oxycodone/ or pentazocine/ or tramadol/ or opium/
20.	(buprenorphine or diamorphine or dihydrocodeine or dipipanone or codeine or fentanyl or hydromorphone or methadone or morphine or oxycodone or papaveretum or pentazocine or pethidine or tramadol).ti,ab.
21.	(temgesic or butrans or transtec).ti,ab.
22.	("DF118 Forte" or "DHC Continus").ti,ab.
23.	(diconal or abstral or effentora or instanyl or actiq or durogesic).ti,ab.
24.	(palladone or mepid or oramorph or sevredol or morphgesic or "MST continus" or zomorph or "MXL" or minijet or cyclimorph).ti,ab.
25.	(oxynorm or oxycontin or targinact or hyoscine or pamergan).ti,ab.
26.	(zamadol or zydol or larapam or mabron or maxitram or tramquel or zetidame or tradorec or tramacel).ti,ab.
27.	or/18-26
28.	exp Counterpulsation/
29.	(counter?pulsation adj2 (external or diastolic)).ti,ab.

30.	EECP.ti,ab.
31.	or/28-30
32.	exp Acupuncture/
33.	acupuncture.ti,ab.
34.	or/32-33
35.	5 or 13 or 17 or 27 or 31 or 34

1
2
3

1.3.11.2 Embase search terms

1.	exp Transcutaneous Electric Nerve Stimulation/
2.	((transcutaneous or percutaneous) adj3 (electr* or never or simulat*)).ti,ab.
3.	tens.ti,ab.
4.	electroanalgesi*.ti,ab.
5.	(electr* adj2 stimulat*).ti,ab.
6.	or/1-5
7.	Cognitive Therapy/
8.	neurorehab\$.ti,ab.
9.	((neuro\$ or cognitive or memory) adj2 (retrain\$ or rehab\$)).ti,ab.
10.	reminder systems/
11.	((perceptual or visuo-spatial or visuo-perceptual or attention or cognitive or cognition or scanning) adj3 (training or re-training or retraining or rehabilitation or intervention or therapy)).ti,ab.
12.	((meta-cognitive or metacognitive or cognitive) adj2 strateg\$).ti,ab.
13.	or/7-12
14.	exp Sympathectomy/
15.	sympathectom*.ti,ab.
16.	(sympathetic adj2 denervation).ti,ab.
17.	or/15-16
18.	*Analgesics, Opioid/
19.	buprenorphine/ or diamorphine/ or dihydrocodeine/ or dipipanone/ or codeine/ or fentanyl/ or hydromorphone/ or methadone/ or morphine/ or oxycodone/ or papaveretum/ or pentazocine/ or pethidine/ or tramadol/ or opiate/ or opium/
20.	(buprenorphine or diamorphine or dihydrocodeine or dipipanone or codeine or fentanyl or hydromorphone or methadone or morphine or oxycodone or papaveretum or pentazocine or pethidine or tramadol).ti,ab.
21.	(temgesic or butrans or transtec).ti,ab.
22.	("DF118 Forte" or "DHC Continus").ti,ab.
23.	(diconal or abstral or effentora or instanyl or actiq or durogesic).ti,ab.
24.	(palladone or mepid or oramorph or sevredol or morphgesic or "MST continus" or zomorph or "MXL" or minijet or cyclimorph).ti,ab.
25.	(oxynorm or oxycontin or targinact or hyoscine or pamergan).ti,ab.
26.	(zamadol or zydol or larapam or mabron or maxitram or tramquel or zeridame or tradorec or tramacel).ti,ab.
27.	or/18-26
28.	exp Counterpulsation/
29.	(counter?pulsation adj2 (external or diastolic)).ti,ab.
30.	EECP.ti,ab.
31.	or/28-30
32.	exp Acupuncture/
33.	acupuncture.ti,ab.
34.	or/33-40
35.	6 or 13 or 17 or 27 or 31 or 34

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1
2

1.3.11.3 Cinahl search terms

S7	S1 or S2 or S3 or S4 or S5 or S6
S6	MH Acupuncture or Acupuncture
S5	MH Counterpulsation or (counter pulsation and (external or diastolic)) or EECP
S4	MH Analgesics, Opioid or (buprenorphine or diamorphine or dihydrocodeine or dipipanone or codeine or fentanyl or hydromorphone or methadone or morphine or oxycodone or papaveretum or pentazocine or pethidine or tramadol) or (temgesic or butrans or transtec) or ("DF118 Forte" or "DHC Continus") or (diconal or abstral or effentora or instanyl or actiq or durogesic) or (palladone or mepid or oramorph or sevredol or morphgesic or "MST continus" or zomorph or "MXL" or minijet or cyclimorph) or (oxynorm or oxycontin or targinact or hyoscine or pamergan) or (zamadol or zydol or larapam or mabron or maxitram or tramquel or zeridame or tradorec or tramacel)
S3	MH Sympathectomy or sympathectom* or sympathetic N2 denervation
S2	MH Cognitive Therapy or neurorehab* or ((neuro* or cognitive or memory) and (retrain* or rehab*)) or MH reminder systems or ((perceptual or visuo-spatial or visuo-perceptual or attention or cognitive or cognition or scanning) and (training or re-training or retraining or rehabilitation or intervention or therapy)) or ((meta-cognitive or metacognitive or cognitive) and strateg*)
S1	MH Transcutaneous Electric Nerve Stimulation/ or tens or electroanalgesi* or stimulat* n1 electr* or (transcutaneous or percutaneous or transdermal or cutaneous) and (electr* or nerve or stimulation))

3
4
5

1.3.11.4 Cochrane search terms

#1	MeSH descriptor Transcutaneous Electric Nerve Stimulation explode all trees
#2	(transcutaneous or percutaneous) near (electr* or nerve or stimulation):ti,ab,kw
#3	electroanalgesi*:ti,ab,kw
#4	(electr* stimulation):ti,ab,kw
#5	MeSH descriptor Cognitive Therapy explode all trees
#6	neurorehab*:ti,ab
#7	MeSH descriptor Reminder Systems, this term only
#8	((perceptual or visuo-spatial or visuo-perceptual or attention or cognitive or cognition or scanning) NEXT (training or re-training or retraining or rehabilitation or intervention or therapy)):ti,ab
#9	((meta-cognitive or metacognitive or cognitive) NEXT strateg*):ti,ab
#10	MeSH descriptor Sympathectomy explode all trees
#11	(sympathectom*):ti,ab,kw
#12	(sympathetic near denervation):ti,ab,kw
#13	MeSH descriptor Analgesics, Opioid, this term only
#14	(buprenorphine or diamorphine or dihydrocodeine or dipipanone or codeine or fentanyl or hydromorphone or methadone or morphine or oxycodone or papaveretum or pentazocine or pethidine or tramadol):ti,ab,kw
#15	(temgesic or butrans or transtec):ti,ab,kw or "DF118 Forte" or "DHC Continus" or diconal or abstral or effentora or instanyl or actiq or durogesic:ti,ab,kw or (palladone or mepid or oramorph or sevredol or morphgesic or "MST continus" or zomorph or "MXL" or minijet or cyclimorph):ti,ab,kw or (oxynorm or oxycontin or targinact or hyoscine or pamergan):ti,ab,kw or (zamadol or zydol or larapam or mabron or maxitram or tramquel or zeridame or tradorec or tramacel):ti,ab,kw
#16	MeSH descriptor Counterpulsation explode all trees
#17	(counter pulsation near (external or diastolic)):ti,ab,kw
#18	(EECP):ti,ab,kw
#19	MeSH descriptor Acupuncture explode all trees
#20	(acupuncture):ti,ab,kw

#21	(#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20)
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1 **1.3.12 Cardiac syndrome X and Statin therapy**

2 **What is the clinical /cost effectiveness of using statin therapy in patients with**
3 **normal coronary arteries (syndrome X)?**

4

5

A separate search was constructed for this question for Cardiac X syndrome.

6

7

Search constructed by combining the columns in the following table using the AND Boolean operator

Population	Intervention / exposure	Comparison	Study filter used
Syndrome X	Statin therapy		

8

9

10 **1.3.12.1 Medline search terms**

1.	exp Hydroxymethylglutaryl-CoA Reductase Inhibitors/
2.	statin\$.ti,ab.
3.	(atorvastatin or fluvastatin or pravastatin or rosuvastatin or simvastatin or lipitor or lescol or simvador or zocor or lipostat or crestor or inegy).ti,ab.
4.	((hmg coa or hmg-coa or hydroxymethylglutaryl-coa) adj2 "reductase inhibitor\$").ti,ab.
5.	1 or 2 or 3 or 4

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1.3.12.2 Embase search terms

1.	exp *Hydroxymethylglutaryl-CoA Reductase Inhibitors/
2.	statin\$.ti,ab.
3.	(atorvastatin or fluvastatin or pravastatin or rosuvastatin or simvastatin or lipitor or lescol or simvador or zocor or lipostat or crestor or inegy).ti,ab.
4.	((hmg coa or hmg-coa or hydroxymethylglutaryl-coa) adj2 "reductase inhibitor\$").ti,ab.
5.	1 or 2 or 3 or 4

14

15

16

1.3.12.3 Cinahl search terms

S1	(MH "Statins+") or (statin* or atorvastatin or fluvastatin or pravastatin or rosuvastatin or simvastatin) or Hmg Coa N2 reductase inhibitor* or hydroxymethylglutaryl-coa N2 reductase inhibitor
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19

1.3.12.4 Cochrane search terms

#1	MeSH descriptor Magnetic Resonance Angiography, this term only
#2	MeSH descriptor Magnetic Resonance Imaging, Cine, this term only
#3	MeSH descriptor Electrocardiography, Ambulatory, this term only
#4	MeSH descriptor Tomography, Spiral Computed, this term only

20 **1.3.13 Cardiac syndrome X Other**

21

Covered by search 1.3.2 Treatment and prevention of anginal episodes

22

23 **What is the clinical/cost effectiveness of aspirin or clopidogrel to alleviate angina symptoms and to improve long term outcomes?**

24

25

Covered by search 1.3.3 Traditional drug management of angina

Stable angina: FULL guideline draft (May 2011)

- 1 **What is the clinical/cost effectiveness of nicorandil for the management of Cardiac syndrome X?**
- 2
- 3 **What is the clinical /cost effectiveness of short acting drugs for the management of cardiac**
- 4 **syndrome X symptoms?**
- 5
- 6 **What is the comparative clinical /cost effectiveness of standard anti-anginal drugs (calcium channel**
- 7 **blockers, long acting nitrates) for the management of Cardiac syndrome X?**
- 8
- 9 Covered by search 1.3.4 Newer drugs and the management of angina
- 10 **What is the clinical /cost effectiveness of newer drugs for the management of Cardiac X syndrome**
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18