

Guideline topic: Stable Angina

Update of SIGN 96

Search coverage

Systematic reviews

Databases covered: Cochrane Library, HTA,
Medline +MIP, Embase

Dates Covered: 2005 – September 2015

Total Hits: 3294

Sifted Results: 713

Primary Literature

Databases covered: Medline + MIP, Embase

Dates covered:2005 – September-October 2015

With variations depending on topic: see scope of searches below

Psycinfo and Psychology and Behavioral Sciences
(KQ12e and KQ13b)

Dates covered: Inception to January 2016

With variations depending on topic: see scope of searches below

Economics

Medline + MIP, Embase

Dates covered: 2009 – September 2015

Cochrane HTA, NEED, HEED + internet

Search strategies

The following are listings of the main Medline strategies used for this guideline. All conventions and symbols are from the Ovid implementation of Medline. Strategies used in other databases were substantially the same, though different terminology may have been used to take account of different thesauri used in non-Medline databases.

Search filters were added to identify studies of a particular type (systematic review, RCT etc.) Listings of the search filters used by SIGN can be found on the SIGN Web site.

Generic Stem:

- 1 Myocardial Ischemia/
- 2 Coronary Disease/
- 3 Coronary Artery Disease/
- 4 Coronary Vasospasm/
- 5 exp Coronary Stenosis/
- 6 Angina Pectoris/
- 7 Angina, Stable/
- 8 Microvascular Angina/
- 9 chest pain/
- 10 angina.tw.
- 11 (myocardial adj (ischemi\$ or ischaemi\$)).tw.
- 12 (chest pain adj (ischemi\$ or ischaemi\$)).tw.
- 13 ((angina\$ or cardiac) adj3 (syndrome-x or xs)).tw
- 14 (stable adj coronary).tw.
- 15 ((stable or chronic or refractory or microvascular or exercise induced) adj3 (stenocardia\$ or angina\$)).tw.
- 16 (coronary adj (atherosclerosis or arteriosclerosis)).tw
- 17 (angina\$ or stenocardia\$ or chest pain or chest discomfort).tw.
- 18 or/1-17

Systematic review Papers

KQ	Sifted Result	Papers Selected
1a	10	3
1b	7	5
1c an e	23	22
1d	84	58
1f	13	11
1g	3	2
2	10	3
3a	1	1
3b	2	1
3c	6	3
3d	10	4
3e	0	0
4	6	0
5	6	4

6a	16	10
6b	40	5
6c	55	4
6d	2	2
6e	4	0
6f	0	0
7a and 8a	5	4
7b and 8b	22	19
7c and 8c	64	52
9	60	36
10	0	0
11a	18	8
11b	7	5 + 1 added by group
12a	0	0
12b	0	0
12c	0	0
12d	4	4
12e	3	0
12f	0	0
12g	0	0
12h	1	1
12i	7	7
12j	3	2
12k	0	0
13a	6	4 + 3 added by group
13b	1	1 + 1 added by group
13c	0	0
13d	1	1 + 2 added by group
13e	7	7
13f	0	0
14	4	2

Scope of searches for RCTs, observational studies and no filter (NoF) searches

KQ	Type of Studies	Date Range	Initial Recall	Sifted Result
1a	N/A			
1b	N/A			
1c an e	N/A			
1d	N/A			
1f	N/A			
1g	NoF	2009-Jan 2016	6899	52
2	N/A			
3a	NoF	2012-Jan 2016	210	11
3b	RCT	2010-Feb 2016	341	10
3c	NoF	2013-Feb 2016	99	14
3d	RCT	2005-Sept 2015	105	0
3e	NoF	Inception-Nov 2015	137	4
4	RCT	Inception –Sept 2015	198	16
5	N/A			
6a	N/A			

6b	RCT and Obs	Inception-Jan2016	4102	10
6c	RCT	Inception –Jan 2016	2465	1
6d	NoF	Inception-Feb2016	2442	12
6e	RCT	Inception-Feb2016	1814	9
6f	RCT	Inception-May 2016	731	20
7a and 8a	RCT	Inception-Feb2016	995	13
7b and 8b	RCT	Inception-Feb2016	995	15
7c and 8c	RCT	Inception-Feb2016	995	37
9	N/A			
10	NoF	Inception-Nov2015	97	5
11a	RCT	2012-March2016	1667	45
11b	RCT	2012-March 2016	1667	26
	NOF	2012-April 2016	828	122
12a	NoF	Inception –Nov2015	21	2
12b	NoF	Inception-Nov2015	64	6
12c	NoF	Inception-Nov2015	129	18
12d	NoF	Inception-Nov2015	1557	5
12e	NoF	Inception-Feb2016	1557	12
12f	NoF	Inception-Nov2015	265	20
12g	NoF	Inception-Nov2015	1200	15
12h	N/A			
12i	NoF	2008-March2106	151	6
12j	NoF	2013-March2016	23	3
12k	NoF	Inception-Nov2015	20	2
13a	N/A			
13b	NoF	2005-March 2016	366	14
13c	N/A			
13d	N/A			
13e	N/A			
13f	NoF	Inception-Feb2016	1059	19
14	NoF	2013-Feb 2016	373	10

Scope of searches for economic searches

KQ	Date Range	Initial Recall	Sifted Result	Papers Selected
1	2009- Sept 2015	2383	95	32
3	2009- Sept 2015	2383	5	2
5	2009- Sept 2015	2383	3	1
7 and 8	2009- Sept 2015	2383	26	12
9	2009- Sept 2015	2383	25	13
12	2009- Sept 2015	2383	11	7

Medline Search strategies used for specific key questions:

KQ1g (Exercise tolerance testing)

- 1 exp Exercise Tolerance/
- 2 (exercise adj2 toler\$).tw.
- 3 (toler\$ adj2 test\$).tw. (24895)
- 4 (stress adj2 (ECG or electrocardiogram)).tw.
- 5 (exercise adj2 (ECG or electrocardiogram)).tw.

- 6 exp Electrocardiography/
- 7 or/1-6

KQ3a Nicorandil

- 1 Nicorandil.tw.
- 2 ikorel.tw.
- 3 Angedil.tw.
- 4 Dancor.tw.
- 5 Nikoran.tw.
- 6 aprior.tw.
- 7 Nitorubin.tw.
- 8 Sigmart.tw.
- 9 or/1-8

KQ3b Ivabradine

- 1 ivabradine.tw.
- 2 corlanor.tw.
- 3 procoralan.tw.
- 4 coralan.tw.
- 5 corlantor.tw.
- 6 coraxan.tw.
- 7 ivabid.tw.
- 8 bradia.tw.
- 9 s-16257.tw.
- 10 or/1-9

KQ3c Ranolazine

- 1 ranolazine.tw.
- 2 ranexa.tw.
- 3 or/1-2

KQ3d Triple Therapy

- 1 (triple adj4 antiangina\$).tw.
- 2 (triple adj4 anti-angina\$).tw.
- 3 (triple adj4 angina).tw.
- 4 or/1-3
- 5 ccb.tw. (1238)
- 6 (calcium adj2 antagonist\$).tw.
- 7 (calcium adj2 block\$).tw.
- 8 verapamil.tw.
- 9 amlodipine.tw.
- 10 nifedipine.tw.
- 11 diltiazem.tw.
- 12 or/5-11 (63688)
- 13 (beta adj4 antagonist\$).tw.
- 14 (beta adj block\$).tw.
- 15 acebutolol.tw.

- 16 metoprolol.tw.
- 17 or/13-16
- 18 nitrate\$.tw.
- 19 nitroglycerin.tw.
- 20 or/18-19
- 21 12 and 17 and 20
- 22 4 or 21

KQ3e Allopurinol

- 19 allopurinol.tw.
- 20 zyloprim.tw.
- 21 19 or 20

KQ4 Warfarin

- 1 Warfarin.tw
- 2 Coumadin.tw
- 3 Jantoven.tw
- 4 Marevan.tw
- 5 Uniwarfin.tw
- 6 Waran.tw
- 7 or/1-6

KQ6b (Statins and Non-cardiac surgery)

- 1 exp Hypolipidemic Agents/
- 2 exp Hydroxymethylglutaryl-CoA Reductase Inhibitors/
- 3 exp lovastatin/ or exp simvastatin/
- 4 exp atorvastatin calcium/
- 5 statin\$.tw.
- 6 or/1-5 (127177)
- 7 exp Surgical Procedures, Operative/
- 8 (non-cardiac adj4 surger\$).tw.
- 9 or/7-8
- 10 6 and 9

KQ6c (anti-platelets)

- 1 clopidogrel.tw.
- 2 plavix.tw.
- 3 aspirin/
- 4 aspirin.tw.
- 5 "acetylsalicylic acid".tw.
- 6 or/1-6 (63067)

KQ6d (clonidine)

- 1 exp Adrenergic alpha-Agonists/
- 2 clonidine.tw.
- 3 catapres.tw.
- 4 kapvay.tw.
- 5 nexiclon.tw.
- 6 clophelin.tw.
- 7 or/1-6

KQ6e (Ca Channel blockers)

- 1 ccb.tw.
- 2 (calcium adj2 antagonist\$.tw.
- 3 (calcium adj2 block\$.tw.
- 4 verapamil.tw.
- 5 amlodipine.tw.
- 6 nifedipine.tw.
- 7 diltiazem.tw.
- 8 felodipine.tw.
- 9 nicardipine.tw.
- 10 or/1-9

KQ6f (Goal-directed Therapy)

- 1 ((goal-directed or goal directed) adj therap\$.tw.
- 2 limit 1 to (comment or editorial or letter or news)
- 3 1 not 2

KQ7 and 8 abc (PCI, CABG, Medical)

- 1 exp percutaneous coronary intervention/ or exp angioplasty, balloon, coronary/
- 2 percutaneous coronary intervention.tw.
- 3 PCI.tw.
- 4 PCTA.tw.
- 5 angioplasty.tw.
- 6 exp Coronary Artery Bypass/
- 7 CABG.tw.
- 8 (coronary adj2 bypass).tw.
- 9 or/1-8

KQ10 (MDT)

- 1 "multidisciplinary team".tw.
- 2 "multi-disciplinary team".tw.
- 3 1 or 2

KQ11a (on/off pump)

- 1 exp Coronary Artery Bypass/
- 2 CABG.tw.
- 3 (coronary adj2 bypass).tw.
- 4 ((venous or vein) adj2 graft\$).tw.
- 5 (arter\$ adj2 graft\$).tw.
- 6 or/1-5

KQ11b (Venous and arterial grafts)

RCT

- 1 exp Coronary Artery Bypass/
- 2 CABG.tw.
- 3 (coronary adj2 bypass).tw.
- 4 ((venous or vein) adj2 graft\$).tw.
- 5 (arter\$ adj2 graft\$).tw.
- 6 or/1-5

NOF

- 1 exp Coronary Artery Bypass/
- 2 CABG.tw.
- 3 (coronary adj2 bypass).tw.
- 4 or/1-3
- 5 exp Mammary Arteries/
- 6 (mammary adj2 arter\$).tw.
- 7 BIMA.tw.
- 8 LIMA.tw.
- 9 Thoracic Arteries/
- 10 (thoracic adj2 arter\$).tw.
- 11 RITA.tw.
- 12 LITA.tw.
- 13 or/5-12
- 14 4 and 13

KQ12a (stellate ganglion block)

- 1 "cervicothoracic sympathetic block".tw.
- 2 "Stellate ganglion block".tw.
- 3 1 or 2

KQ12b (nerve block)

- 1 ((nerve or neural) adj block\$).tw.

KQ12c (TENS)

- 1 tens.tw.

- 2 Transcutaneous Electric Nerve Stimulation/
- 3 1 or 2

KQ12d (spinal cord stimulation)

- 1 Spinal Cord Stimulation/
- 2 dorsal column stimul\$.tw.
- 3 spinal cord stimulation.tw.
- 4 or/23-25

KQ12e (psychological therapies)

- 1 Pain/
- 2 chest pain/
- 3 Pain Management/
- 4 pain.tw.
- 5 or/1-4
- 6 exp Psychotherapy/
- 7 (psychotherap\$ or psychosocial\$).tw.
- 8 (psycholog\$ adj2 intervent\$).tw.
- 9 exp Cognitive Therapy/
- 10 cognitive behavior?r therapy.tw.
- 11 CBT.tw.
- 12 (cognitive adj2 therap\$).tw.
- 13 Counseling/
- 14 counsel\$.tw.
- 15 (behavi\$ adj3 (modify or modificat\$ or therap\$ or change)).tw.
- 16 or/6- 15

KQ12f (sympathectomy)

- 1 exp Sympathectomy/
- 2 sympathectomy.tw.
- 3 or/1-2

KQ12g (analgesics)

- 1 exp Analgesia/
- 2 ((oral or transdermal or epidural or transthecal) adj analges\$).tw.
- 3 Analgesics, Opioid/
- 4 opioid\$.tw.
- 5 or/19-22
- 6 18 and 23

KQ12i (ECCP)

- 1 Counterpulsation/
- 2 (external adj2 counterpulsation).tw.
- 3 (external adj2 counter-pulsation).tw.
- 4 eecp.tw.

- 5 (counterpressure or counter-pressure).tw.
- 6 or/19-23 (1133)

KQ12j (acupuncture)

- 1 exp acupuncture therapy/ or acupuncture analgesia/
- 2 acupuncture.tw.
- 3 19 or 20

KQ12k (coronary sinus reducer)

- 1 coronary sinus reducer.tw

KQ13b (Relaxation)

- 1 Relaxation/
- 2 biofeedback, psychology/ or meditation/ or relaxation therapy/ or yoga/
- 3 relaxation.ti.
- 4 yoga.ti.
- 5 biofeedback.ti.
- 6 meditation.ti.
- 7 autogenic.tw.
- 8 or/1-7

KQ13f (Stress)

- 1 Stress, Psychological/
- 2 stress.tw.
- 3 1 or 2
- 4 management.mp.
- 5 3 and 4
- 6 (management adj2 stress).tw.
- 7 5 or 6

KQ14 (adherence)

- 1 exp Patient Compliance/
- 2 Treatment Refusal/
- 3 (patient* adj2 (adherence or "non adherence" or compliance or "non compliance" or "co-operation" or cooperation or concordance)).tw.
- 4 (medication adj (adherence or "non adherence" or compliance or "non compliance" or concordance or persistence)).tw.
- 5 (medicine* adj (adherence or "non adherence" or compliance or "non compliance" or concordance or persistence)).tw.
- 6 (drug adj (adherence or "non adherence" or compliance or "non compliance" or concordance or persistence)).tw.
- 7 (regimen adj (adherence or "non adherence" or compliance or "non compliance" or concordance or persistence)).tw.
- 8 (treatment adj (adherence or "non adherence" or compliance or "non compliance" or concordance or persistence)).tw.

9 (therap* adj (adherence or "non adherence" or compliance or "non compliance" or concordance or persistence)).tw.

10 ((medication or medicine* or drug or regimen or treatment or therap*) adj refus*).tw.

11 or/1-10