

## Guideline topic: ACS

### General comments

### Search coverage

#### Systematic Reviews (run on May 2004)

Databases covered: **Medline, Embase, CINAHL, PsycInfo** Dates covered:1999-2004  
**Cochrane**

Total hits:	Pre-sifted result:
1112	139

#### Guidelines (run on)

The guideline search used the patient stem.

Agency for Health Care Research and Quality (AHRQ) Databases covered:

ASERNIP-S  
Canadian Medical Association  
Centre for Clinical Effectiveness  
(Australia)Health Technology Assessment  
NHS Centre for Reviews and Dissemination  
NHS Quality Improvement Scotland  
National Institute for Clinical Excellence (NICE)  
National Electronic Library for Health  
National Guideline Clearinghouse  
National Health and Medical Research Council (NHMRC)  
New Zealand Guidelines Group  
Swedish Council on Technology Assessment in Health Care (SBU)  
TRIP Database  
US National Institutes of Health

Total hits: 42

Guidelines evaluated using AGREE instrument:

#### Patient Search

Databases covered: Dates covered:

Total hits:	Pre-sifted result:	Sifted result:
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#### RCTs

Databases covered:	Dates covered:
MEDLINE EMBASE CINAHL COCHRANE	SG1: 1999-2004

<i>Total hits:</i>	<i>Pre-sifted result:</i>	<i>Sifted result:</i>
SG1:8283	SG1: 733 (only selected papers from 2002-2004)	SG1:87
SG2:8020	SG2: 676	SG2: 105
SG3: 6295	SG3: 197	SG3: 30
SG4:7736	SG4: 589	SG4: selected nearly 200 papers in Jan 05. Therefore, to cut down numbers, papers were sent from the following dates:
		KQ14: 99-05:
		KQ15-18: 99-05:
		KQ19-21: 03-05:
		<b>TOTAL: 126</b>
<b>EXTRA SEARCHES</b>		
Sg1 kq5: 1970-01	SG1 KQ5: 33	SG1 KQ5: 4
SG1 KQ3D 1990-98	SG1 KQ3D: 184	SG1 KQ3D:5
SG4 kq17 (inotropes) 1970-2005: 1817		
<b>Observational studies</b>		
<i>Databases covered: Medline, Cinahl, Embase</i>		<i>Dates covered:</i>
		SG1 KQ5: 1970-2005
		SG2: 2000-2005
		SG3: 1999-2004
		SG4 KQ18: 2000-05
<i>Total hits:</i>	<i>Pre-sifted result:</i>	<i>Sifted result:</i>
SG2: 6341		
SG3 (KQ10-12): 3989	SG3 (KQ10-12): 518	SG3 (KQ10-12): 95
SG4 (KQ18):3725	SG4 (KQ18): 579	SG4 (KQ18):
<b>Diagnostic studies KQ13</b>		
<i>Databases covered: Medline, Embase, CINAHL</i>		<i>Dates covered:2000-05</i>
<i>Total hits:</i>	<i>Pre-sifted result:</i>	<i>Sifted result:</i>
KQ13: 7478	KQ13:450	KQ13: 33
<b>Economic studies</b>		
<i>Databases covered:NEED</i>		<i>Dates covered:1999-2004</i>
<i>Total hits: 203</i>	<i>Pre-sifted result: 54</i>	<i>Sifted result:</i>

**Update Search March 2005:** The group wanted to make sure that they had reviewed some important RCTs, that had just been published, before the national meeting. Therefore, an update search was done for Jan-March 2005.

Databases covered: Medline, Embase, Cinhal, Cochrane      Dates covered: Jan-March 2005

Total hits:	Pre-sifted result:	Sifted result:
412	35	

### 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 thesaurii used in non-Medline databases. Search filters were added to identify studies of a particular type (guideline, systematic review, etc.) Listings of the search filters used by SIGN can be found on the SIGN Web site.

#### generic stem:

- 1 acute coronary syndrome\$.tw. (3164)
- 2 ACS.tw. (1470)
- 3 exp Myocardial Infarction/ (26543)
- 4 myocardial infarct\$.tw. (28221)
- 5 exp Angina, Unstable/ (3303)
- 6 unstable angina.tw. (3607)
- 7 (unstable adj2 coronary).tw. (552)
- 8 non-ST-segment elevation.tw. (244)
- 9 ST-segment elevation.tw. (1459)
- 10 (STEMI or non-STEMI or NSTEMI or nonSTEMI).tw. (97)
- 11 heart attack.tw. (719)
- 12 (heart adj2 infarct\$).tw. (965)
- 13 ST-elevation.tw. (891)
- 14 exp Coronary Thrombosis/ (1576)
- 15 (coronary adj2 thrombos\$).tw. (598)
- 16 or/1-15 (42641)

#### Economic Search

1. MYOCARDIAL INFARCTION
2. ANGINA UNSTABLE
3. (acute next coronary\*)
4. acs
5. (myocardial next infarct\*)
6. (unstable next angina)
7. (unstable near coronary)
8. (non-st-segment next elevation)
9. (st-segment next elevation)
10. stemi
11. non-stemi
12. non-stemi
13. nonstemi
14. nstemi
15. (heart next attack)
16. (heart near infarct)

- 17 (#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)
- 18. REPERFUSION
- 19. reperfusion
- 20. THROMBOLYTIC THERAPY
- 21. (thrombolysis or thrombolytic)
- 22. MYOCARDIAL REVASCULARIZATION
- 23. (revascularis\* or revasculariz\*)
- 24. STREPTOKINASE
- 25. streptokinase
- 26. TISSUE PLASMINOGEN ACTIVATOR
- 27. (tissue next plasminogen next activator)
- 28. tpa
- 29. (tenecteplase or tenectaplastase or reteplase or retevase)
- 30. ANGIOPLASTY
- 31. (percutaneous next coronary next intervention)
- 32. pci
- 33. (percutaneous next transluminal next coronary next angioplasty)
- 34. ptca
- 35. angioplasty
- 36. atherectomy
- 37 ATHERECTOMY
- 38. (#18 or #19 or #20 or #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 #34 or #35 or #36 or #37)
- 39. (#17 and #38)

SG1: RCT SEARCH

Database: Ovid MEDLINE(R) <1996 to November Week 3 2004 >

Search Strategy:

- 
- 1 exp Platelet Aggregation Inhibitors/ (21626)
  - 2 antithrombocytic.tw. (5)
  - 3 antiplatelet\$.tw. (3277)
  - 4 (platelet\$ adj2 (antagonist\$ or antiaggregant\$ or anti-aggregant\$ or aggregat\$ or inhibitor\$)).tw. (7401)
  - 5 exp Aspirin/ (7651)
  - 6 aspirin.tw. (8605)
  - 7 exp Ticlopidine/ (1438)
  - 8 (clopidogrel\$ or ticlopidine\$).tw. (1659)
  - 9 exp Platelet Activation/de [Drug Effects] (4428)
  - 10 thienopyridine\$.tw. (172)
  - 11 exp Platelet Glycoprotein GPIIb-IIIa Complex/ (3257)
  - 12 GPIIB-IIIa.tw. (993)
  - 13 glycoprotein iib-iiia.tw. (1689)
  - 14 glycoprotein 2b-3a.tw. (5)
  - 15 tirofiban.tw. (383)
  - 16 eptifibatide.tw. (342)
  - 17 abciximab.tw. (947)
  - 18 or/1-17 (33332)
  - 19 exp Anticoagulants/ (34612)
  - 20 (anticoagula\$ or anti-coagula\$).tw. (14678)

21 exp Heparin/ (12627)  
22 heparin.tw. (16663)  
23 exp Antithrombins/ (2801)  
24 (thrombin adj2 inhibitor\$.tw. (1492)  
25 (antithrombin\$ or anti-thrombin\$.tw. (3966)  
26 exp Hirudin/ (891)  
27 hirudin.tw. (988)  
28 ximelagatran.tw. (146)  
29 exp AZETIDINES/ (577)  
30 azetidine\$.tw. (114)  
31 exp Thrombin/ai [Antagonists & Inhibitors] (935)  
32 (hirulog or bivalirudin).tw. (193)  
33 (argatroban or efegatran or inogatran).tw. (356)  
34 exp Warfarin/ (3359)  
35 warfarin.tw. (3619)  
36 or/19-35 (50781)  
37 exp Myocardial Ischemia/dt, th [Drug Therapy, Therapy] (23227)  
38 (anti-ischaeми\$ or anti-ischemi\$.tw. (537)  
39 exp Adrenergic beta-Antagonists/ (12211)  
40 (beta-blocker\$ or beta-antagonist\$ or beta antagonist\$ or beta blocker\$.tw. (5987)  
41 (beta adj3 (antag\$ or block\$)).tw. (11763)  
42 (propranolol or acebutolol or alprenolol or atenolol or betaxolol or bisoprolol or bupranolol or butoxamine or carteolol or celiprolol or dihydroalprenolol or iodocyanopindolol or labetalol or levobunolol or metipranolol or metoprolol or nadolol or oxprenolol penbutolol or pindolol or practolol or propranolol or sotalol or timolol).tw. (8457)  
43 exp Nitrates/ (6882)  
44 nitrate\$.tw. (9886)  
45 glyceryl trinitrate.tw. (660)  
46 isosorbide mononitrate.tw. (94)  
47 exp Nitroglycerin/ (2219)  
48 nitroglycerin.tw. (1973)  
49 exp Isosorbide Dinitrate/ (605)  
50 isosorbide dinitrate.tw. (461)  
51 exp Nicorandil/ (340)  
52 nicorandil.tw. (381)  
53 exp Calcium Channel Blockers/ (17919)  
54 (calcium adj3 (block\$ or antag\$ or inhibit\$)).tw. (11705)  
55 (amlodipine or amrinone or bencyclane or bepridil or cinnarizine or conotoxin\$ or diltiazem or felodipine or fendiline or flunarizine or gallopamil or isradipine or lidoflazine or magnesium sulfate or magnesium sulphate or mibefradil or nicardipine or nifedipine or nimodipine or nisoldipine or nitrendipine or perhexiline or perhexiline or prenylamine or verapamil or omega\$.tw. (21778)  
56 exp Vasodilator Agents/ (78228)  
57 or/37-56 (140610)  
58 exp Hydroxymethylglutaryl-CoA Reductase Inhibitors/ (6236)  
59 statin\$.tw. (4769)  
60 hmg-coa.tw. (2321)  
61 hydroxymethylglutaryl\$.tw. (285)  
62 (lovastatin or meglutol or pravastatin or simvastatin or fluvastatin or atorvastatin).tw. (4014)  
63 exp Angiotensin-Converting Enzyme Inhibitors/ (12263)  
64 Angiotensin-converting enzyme.tw. (9908)

65 ACE inhibitor\$.tw. (5684)

66 (Captopril or cilazapril or enalapril or enalaprilat or fosinopril or lisinopril or perindopril or ramipril or saralasin or teprotide).tw. (5937)

67 digami.tw. (21)

68 exp INSULIN/ (31121)

69 exp GLUCOSE/ (21863)

70 (glucose and insulin).tw. (23091)

71 angiotensin ii block\$.tw. (120)

72 exp Angiotensin II/ai [Antagonists & Inhibitors] (798)

73 (angiotensin\$ adj3 (inhibit\$ or antag\$ or block\$)).tw. (9351)

74 candesartan.tw. (723)

75 exp Benzimidazoles/ (10679)

76 exp Tetrazoles/ (6590)

77 irbesartan.tw. (438)

78 valsartan.tw. (512)

79 exp Aldosterone Antagonists/ (1029)

80 (aldosterone adj2 (inhibit\$ or antagonist\$ or block\$)).tw. (596)

81 exp Spironolactone/ (832)

82 eplerenone.tw. (126)

83 Spironolactone.tw. (850)

84 canreno\$.tw. (76)

85 or/58-84 (98799)

86 exp Oxygen/ (26392)

87 oxygen.tw. (65255)

88 exp Oxygen Inhalation Therapy/ (3708)

89 or/86-88 (78312)

90 18 or 36 or 57 or 85 or 89 (354011)

91 Randomized Controlled Trials/ (26287)

92 randomized controlled trial.pt. (97827)

93 Random Allocation/ (17030)

94 Double Blind Method/ (34543)

95 Single Blind Method/ (5830)

96 clinical trial.pt. (189180)

97 exp Clinical Trials/ (65510)

98 or/91-97 (271558)

99 (clinic adj trial\$1).tw. (33)

100 ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. (32127)

101 PLACEBOS/ (5932)

102 placebo\$.tw. (40929)

103 randomly allocated.tw. (3929)

104 (allocated adj2 random).tw. (144)

105 or/99-104 (56597)

106 98 or 105 (280017)

107 case report.tw. (41662)

108 letter.pt. (210235)

109 historical article.pt. (51286)

110 review of reported cases.pt. (25334)

111 review, multicase.pt. (3713)

112 or/107-111 (322324)

- 113 106 not 112 (270692)
- 114 acute coronary syndrome\$.tw. (3605)
- 115 ACS.tw. (1702)
- 116 exp Myocardial Infarction/ (28623)
- 117 myocardial infarct\$.tw. (30392)
- 118 exp Angina, Unstable/ (3545)
- 119 unstable angina.tw. (3836)
- 120 (unstable adj2 coronary).tw. (579)
- 121 non-ST-segment elevation.tw. (299)
- 122 ST-segment elevation.tw. (1662)
- 123 (STEMI or non-STEMI or NSTEMI or nonSTEMI).tw. (159)
- 124 heart attack.tw. (779)
- 125 (heart adj2 infarct\$).tw. (1060)
- 126 ST-elevation.tw. (1043)
- 127 exp Coronary Thrombosis/ (1672)
- 128 (coronary adj2 thrombos\$).tw. (624)
- 129 or/114-128 (46048)
- 130 90 and 113 and 129 (6170)
- 131 limit 130 to (human and yr = 1999 - 2005) (4235)
- 132 from 131 keep 1-1000 (1000)

SG2 RCT Search

Database: Ovid MEDLINE(R) < 1996 to November Week 3 2004 >

Search Strategy:

- 
- 1 Randomized Controlled Trials/ (26287)
  - 2 randomized controlled trial.pt. (97827)
  - 3 Random Allocation/ (17030)
  - 4 Double Blind Method/ (34543)
  - 5 Single Blind Method/ (5830)
  - 6 clinical trial.pt. (189180)
  - 7 exp Clinical Trials/ (65510)
  - 8 or/1-7 (271558)
  - 9 (clinic adj trial\$1).tw. (33)
  - 10 ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. (32127)
  - 11 PLACEBOS/ (5932)
  - 12 placebo\$.tw. (40929)
  - 13 randomly allocated.tw. (3929)
  - 14 (allocated adj2 random).tw. (144)
  - 15 or/9-14 (56597)
  - 16 8 or 15 (280017)
  - 17 case report.tw. (41662)
  - 18 letter.pt. (210235)
  - 19 historical article.pt. (51286)
  - 20 review of reported cases.pt. (25334)
  - 21 review, multicase.pt. (3713)
  - 22 or/17-21 (322324)
  - 23 16 not 22 (270692)
  - 24 acute coronary syndrome\$.tw. (3605)

25 ACS.tw. (1702)  
 26 exp Myocardial Infarction/ (28623)  
 27 myocardial infarct\$.tw. (30392)  
 28 exp Angina, Unstable/ (3545)  
 29 unstable angina.tw. (3836)  
 30 (unstable adj2 coronary).tw. (579)  
 31 non-ST-segment elevation.tw. (299)  
 32 ST-segment elevation.tw. (1662)  
 33 (STEMI or non-STEMI or NSTEMI or nonSTEMI).tw. (159)  
 34 heart attack.tw. (779)  
 35 (heart adj2 infarct\$.tw. (1060)  
 36 ST-elevation.tw. (1043)  
 37 exp Coronary Thrombosis/ (1672)  
 38 (coronary adj2 thrombos\$.tw. (624)  
 39 or/24-38 (46048)  
 40 exp Reperfusion/ (3678)  
 41 reperfus\$.tw. (17985)  
 42 exp Angioplasty, Transluminal, Percutaneous Coronary/ (10201)  
 43 angioplast\$.tw. (12224)  
 44 (transluminal adj3 coron\$.tw. (2820)  
 45 (PCI or PTCA).tw. (4348)  
 46 exp Angioplasty/ (15669)  
 47 atherectom\$.tw. (842)  
 48 (percutaneous adj2 (coron\$ or interven\$)).tw. (5794)  
 49 exp Myocardial Revascularization/ (23716)  
 50 revascular\$.tw. (10870)  
 51 exp Stents/ (15321)  
 52 (stent\$ adj3 (coron\$ or intracoron\$ or heart\$ or cardi\$ or myocard\$)).tw. (3705)  
 53 exp Thrombolytic Therapy/ (6679)  
 54 exp Fibrinolytic Agents/ (36002)  
 55 ((thrombo\$ or fibrino\$) adj2 (drug\$ or therap\$ or agent\$)).tw. (5566)  
 56 thrombolysis.tw. (4641)  
 57 (thrombolytic or fibrinolytic).tw. (7576)  
 58 exp Streptokinase/ (1159)  
 59 streptokinase.tw. (1103)  
 60 exp Tissue Plasminogen Activator/ (4590)  
 61 exp Plasminogen Activators/ (8569)  
 62 plasminogen activat\$.tw. (9046)  
 63 (TPA or t-pa or tpa or tissue activator or alteplase or activase or actilyse or alteplase).tw. (6544)  
 64 tenecteplase.tw. (81)  
 65 reteplase.tw. (158)  
 66 exp Fibrinolysis/ (2843)  
 67 fibrinolysis.tw. (3426)  
 68 exp THROMBOSIS/ (29372)  
 69 exp Myocardial Reperfusion Injury/ (3300)  
 70 exp Patient Transfer/ (1573)  
 71 exp Regional Medical Programs/ (793)  
 72 exp Cardiology Service, Hospital/ (543)  
 73 (intervent\$ adj5 (centre or center)).tw. (744)

- 74 (pci adj5 (centre or center)).tw. (19)
- 75 exp "Transportation of Patients"/ (2699)
- 76 or/40-75 (133341)
- 77 exp Hospitalization/ (37449)
- 78 "length of stay".tw. (6646)
- 79 (patient adj3 discharge).tw. (1092)
- 80 exp time factors/ (194006)
- 81 "length of hospital stay".tw. (2733)
- 82 exp Inpatients/ (2537)
- 83 exp Patient Care/ (119715)
- 84 or/77-83 (311035)
- 85 76 or 84 (425862)
- 86 23 and 39 and 85 (5258)
- 87 limit 86 to (human and yr= 1999 - 2005) (3692)
- 88 from 87 keep 1-1001 (1001)

SG3 KQ9 Search (not combined with ACS main stem)

Database: Ovid MEDLINE(R) < 1996 to November Week 3 2004 >

Search Strategy:

- 
- 1 Randomized Controlled Trials/ (26287)
  - 2 randomized controlled trial.pt. (97827)
  - 3 Random Allocation/ (17030)
  - 4 Double Blind Method/ (34543)
  - 5 Single Blind Method/ (5830)
  - 6 clinical trial.pt. (189180)
  - 7 exp Clinical Trials/ (65510)
  - 8 or/1-7 (271558)
  - 9 (clinic adj trial\$1).tw. (33)
  - 10 ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. (32127)
  - 11 PLACEBOS/ (5932)
  - 12 placebo\$.tw. (40929)
  - 13 randomly allocated.tw. (3929)
  - 14 (allocated adj2 random).tw. (144)
  - 15 or/9-14 (56597)
  - 16 8 or 15 (280017)
  - 17 case report.tw. (41662)
  - 18 letter.pt. (210235)
  - 19 historical article.pt. (51286)
  - 20 review of reported cases.pt. (25334)
  - 21 review, multicase.pt. (3713)
  - 22 or/17-21 (322324)
  - 23 16 not 22 (270692)
  - 24 exp Chest Pain/ (10189)
  - 25 (chest adj2 pain).tw. (5897)
  - 26 angina.tw. (10630)
  - 27 exp Myocardial Ischemia/ (75715)
  - 28 acute coronary syndrome\$.tw. (3605)

29 ACS.tw. (1702)  
 30 exp Myocardial Infarction/ (28623)  
 31 myocardial infarct\$.tw. (30392)  
 32 heart attack.tw. (779)  
 33 ((heart or cardi\$) adj2 infarct\$.tw. (2512)  
 34 or/24-33 (88749)  
 35 exp \*diagnosis/ (306883)  
 36 exp Triage/ (2073)  
 37 symptom\$.tw. (174701)  
 38 Chest Pain/di, et [Diagnosis, Etiology] (2046)  
 39 (chest pain adj2 (observ\$ or evaluat\$ or assess\$)).tw. (441)  
 40 exp Emergency Service, Hospital/ (11146)  
 41 (risk stratification or triage).tw. (4127)  
 42 chest pain clinic\$.tw. (45)  
 43 (chest pain adj3 protocol\$.tw. (41)  
 44 or/35-43 (479182)  
 45 34 and 44 (22321)  
 46 23 and 45 (3314)  
 47 limit 46 to (human and yr= 1999 - 2005) (2320)  
 48 from 47 keep 1-2320 (2320)

#### SG3 Search

Database: Ovid MEDLINE(R) < 1996 to November Week 3 2004 >

Search Strategy:

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1 Randomized Controlled Trials/ (26287)  
 2 randomized controlled trial.pt. (97827)  
 3 Random Allocation/ (17030)  
 4 Double Blind Method/ (34543)  
 5 Single Blind Method/ (5830)  
 6 clinical trial.pt. (189180)  
 7 exp Clinical Trials/ (65510)  
 8 or/1-7 (271558)  
 9 (clinic adj trial\$1).tw. (33)  
 10 ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. (32127)  
 11 PLACEBOS/ (5932)  
 12 placebo\$.tw. (40929)  
 13 randomly allocated.tw. (3929)  
 14 (allocated adj2 random).tw. (144)  
 15 or/9-14 (56597)  
 16 8 or 15 (280017)  
 17 case report.tw. (41662)  
 18 letter.pt. (210235)  
 19 historical article.pt. (51286)  
 20 review of reported cases.pt. (25334)  
 21 review, multicase.pt. (3713)  
 22 or/17-21 (322324)  
 23 16 not 22 (270692)  
 24 acute coronary syndrome\$.tw. (3605)

25 ACS.tw. (1702)

26 exp Myocardial Infarction/ (28623)

27 myocardial infarct\$.tw. (30392)

28 exp Angina, Unstable/ (3545)

29 unstable angina.tw. (3836)

30 (unstable adj2 coronary).tw. (579)

31 non-ST-segment elevation.tw. (299)

32 ST-segment elevation.tw. (1662)

33 (STEMI or non-STEMI or NSTEMI or nonSTEMI).tw. (159)

34 heart attack.tw. (779)

35 (heart adj2 infarct\$).tw. (1060)

36 ST-elevation.tw. (1043)

37 exp Coronary Thrombosis/ (1672)

38 (coronary adj2 thrombos\$).tw. (624)

39 or/24-38 (46048)

40 exp self administration/ or exp self medication/ (3082)

41 (self-medicaat\$ or self medicaat\$ or self-adminis\$ or self adminis\$).tw. (7805)

42 exp Nitroglycerin/ (2219)

43 (GTN or glyceryl trinitrate or anginine).tw. (815)

44 nitroglycerin.tw. (1973)

45 antacid\$.tw. (619)

46 exp Antacids/ (2863)

47 (aluminum hydroxide or bismuth or calcium carbonate or magnesium hydroxide or magnesium oxide).tw. (2137)

48 exp Antiemetics/ (26886)

49 (anti-emetic\$ or antiemetic\$).tw. (1769)

50 (chlorpromazine or cyclizine or dexamethasone or diazepam or dimenhydrinate or diphenhydramine or domperidone or doxylamine or droperidol or granisetron or haloperidol or lorazepam or meclizine or methylprednisolone or metoclopramide or ondansetron or prochlorperazine or promazine or propofol or thiethylperazine or trifluoperazine or triflupromazine).tw. (29368)

51 or/40-50 (53626)

52 exp "Delivery of Health Care"/ (209692)

53 exp comprehensive health care/ or exp critical pathways/ (56634)

54 exp emergency medical services/ (21797)

55 exp emergency treatment/ (21241)

56 exp Emergency Service, Hospital/ (11146)

57 (hospital adj2 (thrombo\$ or fibrino\$)).tw. (290)

58 exp Rural Health Services/ (3114)

59 exp time factors/ (194006)

60 first respon\$.tw. (515)

61 exp Thrombolytic Therapy/ (6679)

62 or/52-61 (466192)

63 exp TROPONIN/ (3357)

64 troponin\$.tw. (3706)

65 or/63-64 (4227)

66 exp electrocardiography/ or exp electrophysiologic techniques, cardiac/ (28832)

67 ECG.tw. (10103)

68 (electrocardi\$ or electrophys\$ or electro-cardi\$ or electro-phys\$).tw. (30240)

69 exp \*monitoring, physiologic/ or exp monitoring, ambulatory/ (15333)

70 (continuous adj3 segment).tw. (118)

- 71 or/66-70 (63967)
- 72 51 or 62 or 65 or 71 (570255)
- 73 23 and 39 and 72 (3240)
- 74 limit 73 to (human and yr= 1999 - 2005) (2147)
- 75 from 74 keep 1-2147 (2147)

SG4 Medline

- 24 acute coronary syndrome\$.tw. (3605)
- 25 ACS.tw. (1702)
- 26 exp Myocardial Infarction/ (28623)
- 27 myocardial infarct\$.tw. (30392)
- 28 exp Angina, Unstable/ (3545)
- 29 unstable angina.tw. (3836)
- 30 (unstable adj2 coronary).tw. (579)
- 31 non-ST-segment elevation.tw. (299)
- 32 ST-segment elevation.tw. (1662)
- 33 (STEMI or non-STEMI or NSTEMI or nonSTEMI).tw. (159)
- 34 heart attack.tw. (779)
- 35 (heart adj2 infarct\$.tw. (1060)
- 36 ST-elevation.tw. (1043)
- 37 exp Coronary Thrombosis/ (1672)
- 38 (coronary adj2 thrombos\$.tw. (624)
- 39 or/24-38 (46048)
- 40 exp social support/ (12567)
- 41 exp Adaptation, Psychological/ (22367)
- 42 exp Stress, Psychological/ (18424)
- 43 ((psycholog\$ or social\$ or psychosocial) adj2 (adjust\$ or behavior?r or adapt\$)).tw. (4515)
- 44 exp Counseling/ (7026)
- 45 counsel\$.tw. (15253)
- 46 exp \*Anxiety/ (4854)
- 47 (patient adj3 (anxiety or stress)).tw. (1072)
- 48 exp Stress Disorders, Post-Traumatic/ (5326)
- 49 ((post traumatic or post-traumatic) adj2 stress).tw. (1295)
- 50 exp Depression/ (13152)
- 51 exp Patient Education/ (19511)
- 52 exp Preoperative Care/ (10800)
- 53 exp Postoperative Care/ (8658)
- 54 (patient adj3 (recov\$ or inform\$ or care or educat\$)).tw. (27841)
- 55 \*professional-patient relations/ or \*nurse-patient relations/ or \*physician-patient relations/ (12319)
- 56 (leaflet\$ or booklet\$ or pamphlet\$ or tape\$ or video\$).tw. (30166)
- 57 exp Communication/ (76399)
- 58 exp PAMPHLETS/ (759)
- 59 exp Patient Participation/ (5041)
- 60 (information adj3 (need\$ or resource\$)).tw. (6032)
- 61 patient literature.tw. (50)
- 62 exp Patient Care Team/ (14978)
- 63 (patient adj2 information).tw. (3469)
- 64 or/40-63 (261919)
- 65 (cardio\$ adj2 team).tw. (52)

66 ((specialist or expert) adj2 cardio\$.tw. (85)  
67 cardiologist\$.tw. (2341)  
68 exp Cardiac Care Facilities/ (183)  
69 exp Cardiology Service, Hospital/ (543)  
70 exp Coronary Care Units/ (590)  
71 exp "Referral and Consultation"/ (14893)  
72 exp outpatient clinics, hospital/ or exp pain clinics/ (2663)  
73 exp patient care management/ or exp "delivery of health care"/ (268441)  
74 exp Patient Care Team/ (14978)  
75 patient care team.tw. (38)  
76 (specialist adj2 team).tw. (74)  
77 ((specialised or specialized) adj2 (care or team)).tw. (773)  
78 or/65-77 (279016)  
79 exp Cardiotonic Agents/ (31617)  
80 cardiotonic\$.tw. (228)  
81 inotrop\$.tw. (4617)  
82 cardiac glycoside\$.tw. (351)  
83 exp Positive-Pressure Respiration/ (4398)  
84 (positive pressure adj2 (ventilation or respiration or breathing)).tw. (1179)  
85 peep.tw. (904)  
86 exp Intra-Aortic Balloon Pumping/ (710)  
87 ((intraaortic or intra-aortic) adj2 balloon).tw. (1054)  
88 exp assisted circulation/ or exp counterpulsation/ (3212)  
89 (assist\$ adj3 circulat\$.tw. (309)  
90 counterpulsat\$.tw. (402)  
91 or/79-90 (43391)  
92 exp Thoracic Surgery/ (1031)  
93 exp Cardiac Surgical Procedures/ (44349)  
94 ((cardiac\$ or heart or myocardial or cardio\$) adj2 (surg\$ or invasive)).tw. (13045)  
95 (angioplast\$ or ptca).tw. (12938)  
96 atherectom\$.tw. (842)  
97 (coron\$ adj2 bypass).tw. (11024)  
98 cabg.tw. (3955)  
99 ((aortocoron\$ or aorto-coron) adj2 bypass).tw. (376)  
100 revasculari?ation.tw. (10333)  
101 exp Heart Catheterization/ (11392)  
102 or/92-101 (71704)  
103 exp Shock, Cardiogenic/ (953)  
104 shock.tw. (29020)  
105 exp Heart Rupture/ (642)  
106 ((heart or cardi\$ or myocardialor postinfarction or post-infarction or ventric\$) adj2 rupture).tw. (454)  
(mitr\$ adj2 regurg\$.tw.  
107 exp ischemia/ (101769)  
108 ischemi\$.tw. (55906)  
109 or/103-108 (151809)  
110 102 and 109 (27099)  
111 risk stratif\$.tw. (2410)  
112 exp TRIAGE/ (2073)  
113 (grace adj2 regist\$.tw. (7)

114 "global registry of acute coronary events".tw. (25)  
115 GRACE.tw. (183)  
116 exp REGISTRIES/ (12883)  
117 TIMI.tw. (979)  
118 exp \*risk/ (4823)  
119 exp Risk Assessment/ (40276)  
120 or/111-119 (57960)  
121 exp Echocardiography/ (25455)  
122 echocardiograph\$.tw. (23511)  
123 exp Radionuclide Ventriculography/ (1155)  
124 (radionuclide adj3 (ventriculo\$ or imaging)).tw. (959)  
125 exp Exercise Test/ (10957)  
126 ((exercise or ergometry or step or stress or treadmill) adj2 test\$).tw. (9503)  
127 exp Coronary Angiography/ (11852)  
128 (coron\$ adj2 angiograph\$).tw. (6765)  
129 or/121-128 (58746)  
130 64 or 78 or 91 or 110 or 120 or 129 (611414)  
131 23 and 39 and 130 (4606)  
132 limit 131 to (human and yr = 1999 - 2005) (3251)  
133 from 132 keep 1-3251 (3251)