

Lung Cancer Search Narrative

1. Existing Guidelines

A search for existing evidence-based guidelines for lung cancer was conducted on the 2nd April 2002. The list of retrieved guidelines was compared with the list identified by NICE to ensure complete coverage.

Websites Used:

Agency for Health Care Research and Quality (AHRQ)
<http://www.ahrq.gov/>

ASERNIP-S
<http://www.racs.edu.au/open/asernip-s.htm>

Canadian Medical Association
<http://mdm.ca/cpgsnew/cpgs/index.asp>

Centre for Clinical Effectiveness (Australia)
<http://www.med.monash.edu.au/healthservices/cce/>

Danish Institute for Health Technology Assessment (DIHTA)
<http://www.dihta.dk/>

Health Technology Assessment
<http://www.hta.nhsweb.nhs.uk/>

National Guideline Clearinghouse
<http://www.guidelines.gov/index.asp>

New Zealand Guidelines Group
<http://www.nzgg.org.nz/>

National Health and Medical Research Council (NHMRC) - Australia
<http://www.health.gov.au/nhmrc/publications/index.htm>

Swedish Council on Technology Assessment in Health Care (SBU)
<http://www.sbu.se/admin/index.asp>

TRIP Database
<http://www.tripdatabase.com/>

2. Systematic Literature Search

The following are the strategies used in Medline for each search. Unless otherwise indicated, all searches were also run on the Cochrane Library (Cochrane Reviews + DARE + CCTR), CINAHL, and Embase. Strategies used in other databases differed in detail, but followed the structure detailed below.

Generic Stem

A general search stem for identifying the complete evidence base for lung cancer was formulated in conjunction with NICE for the key databases. The general stem is to be used in conjunction with more specific strategies for all subgroups and at every stage of the systematic search process.

Medline

- 1 exp lung neoplasms/
- 2 exp carcinoma, non-small-cell lung/
- 3 exp adenocarcinoma, bronchiolo-alveolar/
- 4 or/1-3
- 5 exp Lung/
- 6 lung\$.tw.
- 7 pulmon\$.tw.
- 8 pneumo\$.tw.
- 9 bronch\$.tw.
- 10 peribronch\$.tw.
- 11 alveobronchial.tw.
- 12 bronchioalveolar.tw.
- 13 bronchio-alveolar.tw.
- 14 or/5-13
- 15 exp neoplasms by histologic type/
- 16 neoplasm\$.tw.
- 17 cancer\$.tw.
- 18 carcinoma\$.tw.
- 19 adenocarcinoma\$.tw.
- 20 angiosarcoma\$.tw.
- 21 chondrosarcoma\$.tw.
- 22 sarcoma\$.tw.
- 23 teratoma\$.tw.
- 24 lymphoma\$.tw.
- 25 blastoma\$.tw.
- 26 microcytic\$.tw.
- 27 carcinogenesis.tw.
- 28 tumo?r\$.tw.
- 29 metast\$.tw.
- 30 or/15-29
- 31 14 and 30
- 32 SCLC.tw.
- 33 NSCLC.tw.
- 34 pancoast.tw.
- 35 (schneeberg adj disease).tw.
- 36 or/32-35
- 37 or/4,31,36

RCT SEARCHES.

SG 1- Presentation/Referral

MEDLINE

- {Lines 1-37 = generic stem}
- 38 delay\$.tw. (59268)
 - 39 postpone\$.tw. (1051)
 - 40 late.tw. (55326)
 - 41 slow.tw. (27859)

42 defer.tw. (150)
 43 wait\$.tw. (5988)
 44 or/38-43 (143136)
 45 referral\$.tw. (12735)
 46 refer\$.tw. (82264)
 47 appointment\$.tw. (2210)
 48 consult\$.tw. (14566)
 49 Patient Admission/ (4422)
 50 patient transfer/ (1205)
 51 present\$.tw. (499711)
 52 "referral and consultation"/ (9806)
 53 or/45-52 (582699)
 54 symptom\$.tw. (132113)
 55 risk factors/ (117267)
 56 clinical factor\$.tw. (1344)
 57 exp Disease Susceptibility/ (17799)
 58 Medical History Taking/ (3205)
 59 medical history.tw. (3144)
 60 clinical history.tw. (2118)
 61 patient history.tw. (1272)
 62 family history.tw. (8248)
 63 history taking.tw. (729)
 64 (sign or signs).tw. (48926)
 65 or/54-64 (298275)
 66 cough/ (1923)
 67 cough\$.tw. (6187)
 68 exp Pulmonary Disease, Chronic Obstructive/ (2806)
 69 COPD.tw. (3619)
 70 chronic obstructive pulmonary disease.tw. (3887)
 71 (chronic adj bronchitis).tw. (1317)
 72 dyspnea/ (2291)
 73 dyspn?ea.tw. (5768)
 74 breathlessness.tw. (557)
 75 Hemoptysis/ (763)
 76 (hemoptysis or haemoptysis).tw. (1321)
 77 hoarseness/ (240)
 78 hoarse\$.tw. (744)
 79 or/66-78 (20895)
 80 patient education/ (14995)
 81 health education/ (8042)
 82 information services/ (5341)
 83 ((patient\$ or carer\$) adj inform\$.tw. (2039)
 84 (inform\$ adj (patient\$ or carer\$)).tw. (2912)
 85 ((patient\$ or carer\$) adj educat\$.tw. (2589)
 86 (educat\$ adj (patient\$ or carer\$)).tw. (1092)
 87 truth disclosure/ (3090)
 88 disclos\$.tw. (9208)
 89 communication/ (10192)
 90 communicat\$.tw. (26207)
 91 exp Professional-Patient Relations/ (20135)
 92 professional-family relations/ (2081)
 93 or/80-92 (88474)
 94 quality of life/ (20876)
 95 qol.tw. (2405)
 96 quality of life.tw. (22511)
 97 exp mortality/ (69288)
 98 mortality.tw. (73537)
 99 death/ (1342)

100 (death or dead or dies or died or dying).tw. (121570)
 101 exp morbidity/ (81208)
 102 morbid\$.tw. (45437)
 103 prevalen\$.tw. (74388)
 104 incidence.tw. (89085)
 105 Patient Satisfaction/ (14152)
 106 (patient\$ adj satisf\$).tw. (5744)
 107 (satisf\$ adj patient\$).tw. (890)
 108 or/94-107 (419053)
 109 Outpatient Clinics, Hospital/ (1764)
 110 ambulatory care facilities/ (1973)
 111 outpatients/ (1422)
 112 outpatient\$.tw. (20485)
 113 lung cancer clinic\$.tw. (84)
 114 fast-track.tw. (292)
 115 (one-stop adj clinic\$).tw. (23)
 116 primary health care/ (10178)
 117 family physician/ (2796)
 118 ((family or general) adj practitioner\$).tw. (7682)
 119 family physician\$.tw. (2410)
 120 family practice/ (14054)
 121 ((family or general) adj practice\$).tw. (7445)
 122 primary care.tw. (13849)
 123 community health services/ (3364)
 124 community health nursing/ (4486)
 125 practice nurse\$.tw. (1325)
 126 health visitor\$.tw. (326)
 127 (macmillan adj nurse\$).tw. (20)
 128 or/109-127 (66075)
 129 37 and 44 (2271)
 130 37 and 53 (10439)
 131 37 and 65 (6323)
 132 37 and 79 (2100)
 133 37 and 93 (701)
 134 37 and 108 (14007)
 135 37 and 128 (675)
 136 or/129-135 (24705)
 137 limit 136 to yr=1998-2003 (18100)
 {Line 137 combines with RCT search filter}

SG 2 – Diagnosis/Staging

MEDLINE

{Lines 1-37 = generic stem}
 38 neoplasm staging/ (22836)
 39 (stage\$ or staging).tw. (129696)
 40 diagnos\$.tw. (267983)
 41 test\$.tw. (356437)
 42 identify\$.tw. (102328)
 43 detect\$.tw. (295931)
 44 or/38-43 (926032)
 45 bronchoscopy/ (3077)
 46 bronchography/ (300)
 47 bronchoscop\$.tw. (3534)
 48 bronchograph\$.tw. (75)
 49 Sputum/ (2474)
 50 cytology/ (233)

51 exp Cytological Techniques/ (187468)
52 (sputum adj cytolog\$).tw. (112)
53 (cytolog\$ adj sputum).tw. (15)
54 exp Tomography, X-Ray Computed/ (54158)
55 (CT adj scan\$).tw. (11010)
56 biopsy, needle/ (11389)
57 fna.tw. (1329)
58 (fine adj needle adj aspiration).tw. (4283)
59 biops\$.tw. (55040)
60 exp Radiography, Thoracic/ (4148)
61 CXR.tw. (195)
62 (chest adj x-ray\$).tw. (3449)
63 mediastinoscopy/ (202)
64 mediastinoscopy.tw. (314)
65 exp thoracoscopy/ (2484)
66 VATS.tw. (546)
67 (video adj assisted adj thoracic adj surg\$).tw. (342)
68 NEOSPECT.tw. (2)
69 exp Tomography, Emission-Computed/ (16733)
70 (pet adj scan\$).tw. (1236)
71 exp Tumor Markers, Biological/ (34233)
72 (tumo?r adj marker\$).tw. (3060)
73 exp Hematologic Tests/ (31611)
74 (blood adj test\$).tw. (2066)
75 (test\$ adj blood).tw. (847)
76 exp Electron Spin Resonance Spectroscopy/ (5005)
77 ESR.tw. (2228)
78 exp ultrasonography/ (45326)
79 ultrasound.tw. (27277)
80 or/45-79 (408923)
81 patient education/ (14979)
82 health education/ (8035)
83 information services/ (5341)
84 ((patient\$ or carer\$) adj inform\$).tw. (2038)
85 (inform\$ adj (patient\$ or carer\$)).tw. (2909)
86 ((patient\$ or carer\$) adj educat\$).tw. (2589)
87 (educat\$ adj (patient\$ or carer\$)).tw. (1091)
88 truth disclosure/ (3088)
89 disclos\$.tw. (9198)
90 communication/ (10178)
91 communicat\$.tw. (26150)
92 exp Professional-Patient Relations/ (20113)
93 professional-family relations/ (2077)
94 support\$.tw. (165890)
95 or/81-94 (246104)
96 37 and 44 (22216)
97 37 and 80 (14515)
98 37 and 95 (3042)
99 or/96-98 (28801)
100 limit 99 to yr = 1998-2003 (21211)
{Set 100 combined with RCT search filter}

SG 3 – Treatment

MEDLINE

{Lines 1-37 = generic stem}

- 38 treatment.tw. (470001)
- 39 therap\$.tw. (284501)
- 40 exp drug therapy/ (95917)
- 41 neoadjuvant therapy/ (1063)
- 42 exp radiotherapy/ (22674)
- 43 exp Therapy, Computer-Assisted/ (4954)
- 44 chemotherap\$.tw. (46336)
- 45 exp Combined Modality Therapy/ (39387)
- 46 adjuvant.tw. (16060)
- 47 neoadjuvant.tw. (2510)
- 48 radiotherap\$.tw. (19637)
- 49 brachytherap\$.tw. (2748)
- 50 (palliative adj (therap\$ or treatment or care)).tw. (3749)
- 51 (combined adj modality).tw. (916)
- 52 concomitant.tw. (23260)
- 53 synchronous.tw. (3884)
- 54 (sequential adj (treatment or therap\$ or care)).tw. (438)
- 55 thoracic surgery/ (814)
- 56 Thoracic Surgery, Video-Assisted/ (693)
- 57 exp Thoracic Surgical Procedures/ (48787)
- 58 surg\$.tw. (218269)
- 59 pneumonectomylobectomy.tw. (0)
- 60 ((sleeve or (chest adj wall)) adj resection).tw. (188)
- 61 lymph node excision/ (4811)
- 62 lymph node resection.tw. (46)
- 63 mediastinum.tw. (2294)
- 64 metastectom\$.tw. (9)
- 65 pleurodesis.tw. (388)
- 66 (superior adj sulcous).tw. (0)
- 67 exp laser surgery/ (9454)
- 68 (endobronchial adj (treatment or therap\$ or care)).tw. (24)
- 69 or/38-68 (857440)
- 70 exp Biological Response Modifiers/ (36354)
- 71 (biological adj response adj modifier\$.tw. (329)
- 72 exp Interferons/ (25699)
- 73 Interferon Alfa-2c/ (6)
- 74 interferon-alpha/ (4675)
- 75 interferon-beta/ (1755)
- 76 interferon\$.tw. (25706)
- 77 or/70-76 (58213)
- 78 Epidermal Growth Factor/ (5008)
- 79 (epidermal adj growth adj factor\$.tw. (8402)
- 80 exp Transferases/ (147744)
- 81 (farnesyl adj transferase\$ adj inhibitor\$.tw. (117)
- 82 exp Enzyme Inhibitors/ (191372)
- 83 exp Protein-Tyrosine Kinase/ (28850)
- 84 (tyrosine adj kinase adj inhibitor\$.tw. (2483)
- 85 exp Antibodies, Monoclonal/ (31871)
- 86 (monoclonal adj antibod\$.tw. (33464)
- 87 exp matrix metalloproteinases/ (5714)
- 88 (matrix adj metalloproteinase).tw. (3937)
- 89 or/78-88 (361683)
- 90 Cancer Vaccines/ (2140)

91 vaccin\$.tw. (34764)
 92 immunization.tw. (14587)
 93 or/90-92 (42648)
 94 exp bone neoplasms/ (14610)
 95 (bone adj metast\$.tw. (1781)
 96 Superior Vena Cava Syndrome/ (465)
 97 (superior adj vena adj cava\$ adj obstruction).tw. (91)
 98 exp Brain Neoplasms/dt, rt, su, th [Drug Therapy, Radiotherapy, Surgery, Therapy] (8817)
 99 Pleural Effusion, Malignant/ (786)
 100 (malignant adj pleural\$ adj effusion).tw. (241)
 101 or/94-100 (25060)
 102 exp Diphosphonates/ (3759)
 103 (bisphosphonate\$ or diphosphonate\$.tw. (1625)
 104 exp antibiotics/ (80827)
 105 antibiotic\$.tw. (34832)
 106 or/102-105 (100718)
 107 exp Complementary Therapies/ (26679)
 108 ((alternative or complementary) adj (medicine or therap\$ or treatment)).tw. (5817)
 109 (herb adj therap\$.tw. (0)
 110 exp Diet Therapy/ (4456)
 111 Medicine, Herbal/ (180)
 112 plants, medicinal/ (11495)
 113 homeopathy/ (771)
 114 homeopath\$.tw. (682)
 115 naturopath\$.tw. (117)
 116 medicine, traditional/ (1328)
 117 Medicine, Chinese Traditional/ (1041)
 118 Drugs, Chinese Herbal/ (3901)
 119 Medicine, Oriental Traditional/ (159)
 120 or/107-119 (46736)
 121 37 and 69 (24671)
 122 37 and 77 (1591)
 123 37 and 89 (6671)
 124 37 and 93 (563)
 125 37 and 101 (2532)
 126 37 and 106 (2343)
 127 37 and 120 (310)
 128 or/121-127 (29146)
 129 limit 128 to yr=1998-2003 (21500)
 {Set 129 combined with RCT search filter}

SG 4 – Palliative Care

MEDLINE

{Lines 1-37 = generic stem}
 38 Palliative Care/ (8026)
 39 palliative.tw. (7087)
 40 exp Health Services/ (249665)
 41 Delivery of Health Care/ (9893)
 42 Critical Pathways/ (1719)
 43 exp After-Hours Care/ (13)
 44 patient-centered care/ (1977)
 45 Progressive Patient Care/ (152)
 46 disease management/ (2601)
 47 long-term care/ (3664)
 48 (care adj pathway\$.tw. (180)

49 follow?up.tw. (3647)
 50 patient discharge/ (3721)
 51 ((hospital or patient) adj discharge).tw. (3326)
 52 or/38-51 (266949)
 53 Primary Health Care/ (10161)
 54 family physician/ (2784)
 55 family physician\$.tw. (2407)
 56 family practitioner\$.tw. (371)
 57 general practitioner\$.tw. (7343)
 58 family practice/ (14013)
 59 general practice\$.tw. (5936)
 60 family practice\$.tw. (1595)
 61 primary care.tw. (13833)
 62 practice nurse\$.tw. (1325)
 63 or/53-62 (37146)
 64 hospitalization/ (10679)
 65 patient admission/ (4418)
 66 hospital\$.tw. (137836)
 67 (secondary adj care).tw. (589)
 68 oncology service, hospital/ (298)
 69 cancer care facilities/ (637)
 70 or/64-69 (143434)
 71 (tertiary adj care).tw. (4577)
 72 hospice\$.tw. (1534)
 73 hospices/ (613)
 74 or/71-73 (6316)
 75 exp "Referral and Consultation"/ (11460)
 76 refer\$.tw. (82108)
 77 appointment.tw. (1317)
 78 consult\$.tw. (14548)
 79 re?refer\$.tw. (5)
 80 patient readmission/ (1386)
 81 (hospital adj (admission or re?admission)).tw. (2967)
 82 ((admi\$ or re?admi\$) adj hospital).tw. (7622)
 83 or/75-82 (111154)
 84 community health services/ (3359)
 85 community health nursing/ (4484)
 86 exp home care services/ (8113)
 87 (community adj (care or service\$)).tw. (1217)
 88 outpatients/ (1422)
 89 outpatient clinics, hospital/ (1758)
 90 ambulatory care facilities/ (1971)
 91 ((outpatient or drop-in) adj clinic\$).tw. (3150)
 92 or/84-91 (22635)
 93 Caregivers/ (4352)
 94 caregiver\$.tw. (4971)
 95 carer\$.tw. (1609)
 96 (care adj giv\$).tw. (409)
 97 family/ (9100)
 98 family.tw. (109104)
 99 social support/ (9311)
 100 support\$.tw. (165890)
 101 community networks/ (1537)
 102 self-help groups/ (1621)
 103 voluntary health agencies/ (479)
 104 (voluntary adj (organi?ation\$ or agenc\$)).tw. (127)
 105 (self adj help adj group\$).tw. (262)
 106 or/93-105 (278381)

107 exp Medical Oncology/ (2633)
108 exp Specialties, Medical/ (70446)
109 exp specialties, surgical/ (19312)
110 oncologist\$.tw. (1751)
111 oncology.tw. (8731)
112 (cancer adj specialist\$.tw. (55)
113 Nurse Clinicians/ (2311)
114 exp Specialties, Nursing/ (27264)
115 clinical nurse specialist\$.tw. (429)
116 (nurse-led or (nurse adj led)).tw. (280)
117 exp Nursing Staff/ (11947)
118 (district adj nurse\$.tw. (191)
119 (macmillan adj nurs\$.tw. (23)
120 health visitor\$.tw. (326)
121 AHP.tw. (298)
122 allied health profession\$.tw. (161)
123 Allied Health Occupations/ (74)
124 exp Social Work/ (1944)
125 exp patient care team/ (12269)
126 or/107-125 (143432)
127 patient education/ (14979)
128 health education/ (8035)
129 information services/ (5341)
130 ((patient\$ or carer\$) adj inform\$.tw. (2038)
131 (inform\$ adj (patient\$ or carer\$)).tw. (2909)
132 ((patient\$ or carer\$) adj educat\$.tw. (2589)
133 (educat\$ adj (patient\$ or carer\$)).tw. (1091)
134 truth disclosure/ (3088)
135 disclos\$.tw. (9198)
136 communication/ (10178)
137 communicat\$.tw. (26150)
138 exp Professional-Patient Relations/ (20113)
139 professional-family relations/ (2077)
140 or/127-139 (88349)
141 exp Terminal Care/ (8901)
142 (terminal\$ adj (ill\$ or disease\$)).tw. (1274)
143 terminally ill/ (1114)
144 (fatal\$ adj (ill\$ or disease\$)).tw. (745)
145 end-of-life.tw. (1887)
146 exp Mortality/ (69163)
147 death/ (1338)
148 (death or dying or die\$.tw. (187250)
149 mortality.tw. (73365)
150 exp bereavement/ (2057)
151 (grief or griev\$.tw. (1068)
152 mourn\$.tw. (200)
153 bereave\$.tw. (873)
154 or/141-153 (284485)
155 quality of life/ (20834)
156 qol.tw. (2400)
157 quality of life.tw. (22471)
158 or/155-157 (30604)
159 (symptom\$ adj control\$.tw. (942)
160 (control\$ adj symptom\$.tw. (715)
161 fatigue/ (2486)
162 Dyspnea/ (2288)
163 breathless\$.tw. (618)
164 dyspn?ea.tw. (5760)

165 cough/ (1918)
 166 cough\$.tw. (6176)
 167 depression/ (9351)
 168 depress\$.tw. (48436)
 169 melanchol\$.tw. (401)
 170 or/159-169 (66131)
 171 "cancer journey".tw. (14)
 172 37 and 52 (2973)
 173 37 and 63 (158)
 174 37 and 70 (3038)
 175 37 and 74 (136)
 176 37 and 83 (1920)
 177 37 and 92 (141)
 178 37 and 106 (3512)
 179 37 and 126 (1532)
 180 37 and 140 (701)
 181 37 and 154 (11243)
 182 37 and 158 (980)
 183 37 and 170 (1560)
 184 37 and 171 (1)
 185 or/172-184 (19252)
 186 limit 185 to yr=1998-2003 (14195)
 {Set 186 combined with RCT search filter

OBSERVATIONAL STUDIES SEARCHES

SG 1 – Presentation/Referral

MEDLINE

{Lines 1-37 = generic stem}
 38 delay\$.tw. (61750)
 39 postpone\$.tw. (1086)
 40 late.tw. (57492)
 41 slow.tw. (28974)
 42 defer.tw. (156)
 43 wait\$.tw. (6300)
 44 or/38-43 (148986)
 45 referral\$.tw. (13318)
 46 refer\$.tw. (86140)
 47 appointment\$.tw. (2300)
 48 consult\$.tw. (15207)
 49 patient admission/ (4589)
 50 patient transfer/ (1247)
 51 present\$.tw. (520876)
 52 "referral and consultation"/ (10190)
 53 or/45-52 (607665)
 54 symptom\$.tw. (138250)
 55 risk factors/ (122776)
 56 clinical factor\$.tw. (1407)
 57 exp disease susceptibility/ (18878)
 58 medical history taking/ (3342)
 59 medical history.tw. (3298)
 60 clinical history.tw. (2207)
 61 patient history.tw. (1334)
 62 family history.tw. (8590)
 63 history taking.tw. (761)
 64 (sign or signs).tw. (50939)

65 or/54-64 (312032)
66 cough/ (2004)
67 cough\$.tw. (6446)
68 exp pulmonary disease, chronic obstructive/ (3171)
69 copd.tw. (3860)
70 chronic obstructive pulmonary disease.tw. (4119)
71 (chronic adj bronchitis).tw. (1371)
72 dyspnea/ (2418)
73 dyspn?ea.tw. (6011)
74 breathlessness.tw. (589)
75 hemoptysis/ (785)
76 (hemoptysis or haemoptysis).tw. (1367)
77 hoarseness/ (249)
78 hoarse\$.tw. (769)
79 or/66-78 (21896)
80 patient education/ (15655)
81 health education/ (8366)
82 information services/ (5461)
83 ((patient\$ or carer\$) adj inform\$.tw. (2145)
84 (inform\$ adj (patient\$ or carer\$)).tw. (3062)
85 ((patient\$ or carer\$) adj educat\$.tw. (2704)
86 (educat\$ adj (patient\$ or carer\$)).tw. (1148)
87 truth disclosure/ (3191)
88 disclos\$.tw. (9556)
89 communication/ (10648)
90 communicat\$.tw. (27428)
91 exp professional-patient relations/ (21003)
92 professional-family relations/ (2172)
93 or/80-92 (92169)
94 quality of life/ (21990)
95 qol.tw. (2557)
96 quality of life.tw. (23705)
97 exp mortality/ (71903)
98 mortality.tw. (77087)
99 death/ (1380)
100 (death or dead or dies or died or dying).tw. (126655)
101 exp morbidity/ (84831)
102 morbid\$.tw. (47647)
103 prevalen\$.tw. (77986)
104 incidence.tw. (92831)
105 patient satisfaction/ (14870)
106 (patient\$ adj satisf\$.tw. (6020)
107 (satisf\$ adj patient\$.tw. (929)
108 or/94-107 (437585)
109 outpatient clinics, hospital/ (1846)
110 ambulatory care facilities/ (2062)
111 outpatients/ (1505)
112 outpatient\$.tw. (21399)
113 lung cancer clinic\$.tw. (89)
114 fast-track.tw. (313)
115 (one-stop adj clinic\$.tw. (25)
116 primary health care/ (10650)
117 family physician/ (2948)
118 ((family or general) adj practitioner\$.tw. (8016)
119 family physician\$.tw. (2509)
120 family practice/ (14545)
121 ((family or general) adj practice\$.tw. (7703)
122 primary care.tw. (14496)

123 community health services/ (3482)
 124 community health nursing/ (4572)
 125 practice nurse\$.tw. (1364)
 126 health visitor\$.tw. (332)
 127 (macmillan adj nurse\$.tw. (20)
 128 or/109-127 (68813)
 129 37 and 44 (2358)
 130 37 and 53 (10849)
 131 37 and 65 (6597)
 132 37 and 79 (2189)
 133 37 and 93 (730)
 134 37 and 108 (14571)
 135 37 and 128 (709)
 136 or/129-135 (25720)
 137 limit 136 to yr = 1998-2003 (19115)
 {Set 137 combined with observational studies search filter}

SG 2 – Diagnosis/Staging

MEDLINE

{Lines 1-37 = generic stem}
 38 neoplasm staging/ (22836)
 39 (stage\$ or staging).tw. (129696)
 40 diagnos\$.tw. (267983)
 41 test\$.tw. (356437)
 42 identify\$.tw. (102328)
 43 detect\$.tw. (295931)
 44 or/38-43 (926032)
 45 bronchoscopy/ (3077)
 46 bronchography/ (300)
 47 bronchoscop\$.tw. (3534)
 48 bronchograph\$.tw. (75)
 49 Sputum/ (2474)
 50 cytology/ (233)
 51 exp Cytological Techniques/ (187468)
 52 (sputum adj cytolog\$.tw. (112)
 53 (cytolog\$ adj sputum).tw. (15)
 54 exp Tomography, X-Ray Computed/ (54158)
 55 (CT adj scan\$.tw. (11010)
 56 biopsy, needle/ (11389)
 57 fna.tw. (1329)
 58 (fine adj needle adj aspiration).tw. (4283)
 59 biops\$.tw. (55040)
 60 exp Radiography, Thoracic/ (4148)
 61 CXR.tw. (195)
 62 (chest adj x-ray\$.tw. (3449)
 63 mediastinoscopy/ (202)
 64 mediastinoscopy.tw. (314)
 65 exp thoracoscopy/ (2484)
 66 VATS.tw. (546)
 67 (video adj assisted adj thoracic adj surg\$.tw. (342)
 68 NEOSPECT.tw. (2)
 69 exp Tomography, Emission-Computed/ (16733)
 70 (pet adj scan\$.tw. (1236)
 71 exp Tumor Markers, Biological/ (34233)
 72 (tumo?r adj marker\$.tw. (3060)
 73 exp Hematologic Tests/ (31611)

74 (blood adj test\$.tw. (2066)
 75 (test\$ adj blood).tw. (847)
 76 exp Electron Spin Resonance Spectroscopy/ (5005)
 77 ESR.tw. (2228)
 78 exp ultrasonography/ (45326)
 79 ultrasound.tw. (27277)
 80 or/45-79 (408923)
 81 patient education/ (14979)
 82 health education/ (8035)
 83 information services/ (5341)
 84 ((patient\$ or carer\$) adj inform\$.tw. (2038)
 85 (inform\$ adj (patient\$ or carer\$)).tw. (2909)
 86 ((patient\$ or carer\$) adj educat\$.tw. (2589)
 87 (educat\$ adj (patient\$ or carer\$)).tw. (1091)
 88 truth disclosure/ (3088)
 89 disclos\$.tw. (9198)
 90 communication/ (10178)
 91 communicat\$.tw. (26150)
 92 exp Professional-Patient Relations/ (20113)
 93 professional-family relations/ (2077)
 94 support\$.tw. (165890)
 95 or/81-94 (246104)
 96 37 and 44 (22216)
 97 37 and 80 (14515)
 98 37 and 95 (3042)
 99 or/96-98 (28801)
 100 limit 99 to yr=1998-2003 (21211)
 {Set 100 combined with observational studies search filter}

SG 3 – Treatment

Treatment observational search was run on 20th August 2003. Only the surgery and complementary therapies were searched for.

MEDLINE

{Lines 1-37 = generic stem}
 38 exp Thoracic Surgery/ (858)
 39 exp Thoracic Surgical Procedures/ (52056)
 40 surg\$.tw. (233839)
 41 pneumonectomy.tw. (1117)
 42 lobectomy.tw. (2713)
 43 ((sleeve or (chest adj wall)) adj resection).tw. (192)
 44 Lymph Node Excision/ (5158)
 45 lymph node resection.tw. (53)
 46 mediastinum.tw. (2434)
 47 metastectom\$.tw. (9)
 48 surgical resection.tw. (5761)
 49 pleurodesis.tw. (406)
 50 (superior adj sulcus).tw. (57)
 51 Pleural Effusion, Malignant/ (831)
 52 malignant pleural effusion.tw. (256)
 53 Thoracic Surgery, Video-Assisted/ (784)
 54 video-assisted thoracic surgery.tw. (343)
 55 or/38-54 (272149)
 56 exp Complementary Therapies/ (29516)
 57 ((alternative or complementary) adj (medicine or therap\$ or treatment)).tw. (4055)
 58 (gerson adj therap\$.tw. (0)

59 exp diet therapy/ (4809)
 60 medicine, herbal/ (227)
 61 plants, medicinal/ (11937)
 62 homeopathy/ (847)
 63 homeo?path\$.tw. (756)
 64 naturopath\$.tw. (119)
 65 medicine, traditional/ (1420)
 66 medicine, chinese traditional/ (1169)
 67 drugs, chinese herbal/ (4509)
 68 medicine, oriental traditional/ (178)
 69 or/56-68 (48625)
 70 55 or 69 (319332)
 71 37 and 70 (11277)
 72 limit 71 to yr= 1998-2003 (8523)
 {Set 72 combined with observational studies search filter}

SG 4 – Palliative Care

MEDLINE

{Lines 1-37 = generic stem}
 38 Palliative Care/ (8026)
 39 palliative.tw. (7087)
 40 exp Health Services/ (249665)
 41 Delivery of Health Care/ (9893)
 42 Critical Pathways/ (1719)
 43 exp After-Hours Care/ (13)
 44 patient-centered care/ (1977)
 45 Progressive Patient Care/ (152)
 46 disease management/ (2601)
 47 long-term care/ (3664)
 48 (care adj pathway\$.tw. (180)
 49 follow?up.tw. (3647)
 50 patient discharge/ (3721)
 51 ((hospital or patient) adj discharge).tw. (3326)
 52 or/38-51 (266949)
 53 Primary Health Care/ (10161)
 54 family physician/ (2784)
 55 family physician\$.tw. (2407)
 56 family practitioner\$.tw. (371)
 57 general practitioner\$.tw. (7343)
 58 family practice/ (14013)
 59 general practice\$.tw. (5936)
 60 family practice\$.tw. (1595)
 61 primary care.tw. (13833)
 62 practice nurse\$.tw. (1325)
 63 or/53-62 (37146)
 64 hospitalization/ (10679)
 65 patient admission/ (4418)
 66 hospital\$.tw. (137836)
 67 (secondary adj care).tw. (589)
 68 oncology service, hospital/ (298)
 69 cancer care facilities/ (637)
 70 or/64-69 (143434)
 71 (tertiary adj care).tw. (4577)
 72 hospice\$.tw. (1534)
 73 hospices/ (613)
 74 or/71-73 (6316)

75 exp "Referral and Consultation"/ (11460)
76 refer\$.tw. (82108)
77 appointment.tw. (1317)
78 consult\$.tw. (14548)
79 re?refer\$.tw. (5)
80 patient readmission/ (1386)
81 (hospital adj (admission or re?admission)).tw. (2967)
82 ((admi\$ or re?admi\$) adj hospital).tw. (7622)
83 or/75-82 (111154)
84 community health services/ (3359)
85 community health nursing/ (4484)
86 exp home care services/ (8113)
87 (community adj (care or service\$)).tw. (1217)
88 outpatients/ (1422)
89 outpatient clinics, hospital/ (1758)
90 ambulatory care facilities/ (1971)
91 ((outpatient or drop-in) adj clinic\$).tw. (3150)
92 or/84-91 (22635)
93 Caregivers/ (4352)
94 caregiver\$.tw. (4971)
95 carer\$.tw. (1609)
96 (care adj giv\$).tw. (409)
97 family/ (9100)
98 family.tw. (109104)
99 social support/ (9311)
100 support\$.tw. (165890)
101 community networks/ (1537)
102 self-help groups/ (1621)
103 voluntary health agencies/ (479)
104 (voluntary adj (organi?ation\$ or agenc\$)).tw. (127)
105 (self adj help adj group\$).tw. (262)
106 or/93-105 (278381)
107 exp Medical Oncology/ (2633)
108 exp Specialties, Medical/ (70446)
109 exp specialties, surgical/ (19312)
110 oncologist\$.tw. (1751)
111 oncology.tw. (8731)
112 (cancer adj specialist\$).tw. (55)
113 Nurse Clinicians/ (2311)
114 exp Specialties, Nursing/ (27264)
115 clinical nurse specialist\$.tw. (429)
116 (nurse-led or (nurse adj led)).tw. (280)
117 exp Nursing Staff/ (11947)
118 (district adj nurse\$).tw. (191)
119 (macmillan adj nurs\$).tw. (23)
120 health visitor\$.tw. (326)
121 AHP.tw. (298)
122 allied health profession\$.tw. (161)
123 Allied Health Occupations/ (74)
124 exp Social Work/ (1944)
125 exp patient care team/ (12269)
126 or/107-125 (143432)
127 patient education/ (14979)
128 health education/ (8035)
129 information services/ (5341)
130 ((patient\$ or carer\$) adj inform\$).tw. (2038)
131 (inform\$ adj (patient\$ or carer\$)).tw. (2909)
132 ((patient\$ or carer\$) adj educat\$).tw. (2589)

133 (educat\$ adj (patient\$ or carer\$)).tw. (1091)
134 truth disclosure/ (3088)
135 disclos\$.tw. (9198)
136 communication/ (10178)
137 communicat\$.tw. (26150)
138 exp Professional-Patient Relations/ (20113)
139 professional-family relations/ (2077)
140 or/127-139 (88349)
141 exp Terminal Care/ (8901)
142 (terminal\$ adj (ill\$ or disease\$)).tw. (1274)
143 terminally ill/ (1114)
144 (fatal\$ adj (ill\$ or disease\$)).tw. (745)
145 end-of-life.tw. (1887)
146 exp Mortality/ (69163)
147 death/ (1338)
148 (death or dying or die\$).tw. (187250)
149 mortality.tw. (73365)
150 exp bereavement/ (2057)
151 (grief or griev\$).tw. (1068)
152 mourn\$.tw. (200)
153 bereave\$.tw. (873)
154 or/141-153 (284485)
155 quality of life/ (20834)
156 qol.tw. (2400)
157 quality of life.tw. (22471)
158 or/155-157 (30604)
159 (symptom\$ adj control\$).tw. (942)
160 (control\$ adj symptom\$).tw. (715)
161 fatigue/ (2486)
162 Dyspnea/ (2288)
163 breathless\$.tw. (618)
164 dyspn?ea.tw. (5760)
165 cough/ (1918)
166 cough\$.tw. (6176)
167 depression/ (9351)
168 depress\$.tw. (48436)
169 melanchol\$.tw. (401)
170 or/159-169 (66131)
171 "cancer journey".tw. (14)
172 37 and 52 (2973)
173 37 and 63 (158)
174 37 and 70 (3038)
175 37 and 74 (136)
176 37 and 83 (1920)
177 37 and 92 (141)
178 37 and 106 (3512)
179 37 and 126 (1532)
180 37 and 140 (701)
181 37 and 154 (11243)
182 37 and 158 (980)
183 37 and 170 (1560)
184 37 and 171 (1)
185 or/172-184 (19252)
186 limit 185 to yr = 1998-2003 (14195)
{Set 186 combined with observational studies search filter}

SG4 'extra' observational searches

Extra searches were run for SG4 to fill in some gaps between 6th-18th November 2003. These were as follows:

- multi-disciplinary teams
- observational search in PsycINFO
- smoking cessation (new question)
- 'extras' not originally included in search strategy.

SG2 Mop-up searches

Mop-up searches were run on frozen sections, pleural fluid cytology, parasternal mediastinoscopy and mediastinotomy on 13th and 18th November 2003.

Communications questions (covers all subgroups)

A generic communications search was run on 3rd December 2003 using the search strategies from the colorectal and breast cancer guidelines. The following is the Medline search strategy. Those for Embase and CINAHL were similar. The RCT and observational filters were applied to the results.

- 1 patient information.tw. (1161)
- 2 support group\$.tw. (1075)
- 3 Physician-Patient Relations/ (12289)
- 4 Professional-Patient Relations/ (3416)
- 5 Nurse-Patient Relations/ (5900)
- 6 doctor-patient relations/ (12289)
- 7 leaflet\$.tw. (3054)
- 8 exp PAMPHLETS/ (639)
- 9 exp INTERNET/ (12439)
- 10 booklet\$.tw. (479)
- 11 exp Mass Media/ (2271)
- 12 pamphlet\$.tw. (255)
- 13 tape\$.tw. (6216)
- 14 video\$.tw. (16462)
- 15 sheet\$.tw. (8680)
- 16 (postcard\$ or post card\$).tw. (596)
- 17 (counsel?r\$ or counsel?r\$).tw. (1046)
- 18 macmillan nurs\$.tw. (24)
- 19 (care give\$ or caregive\$).tw. (6088)
- 20 (cope or coping).tw. (9477)
- 21 fear.tw. (6781)
- 22 exp COMMUNICATION/ (63769)
- 23 exp ANXIETY/ (8051)
- 24 exp CAREGIVERS/ (4958)
- 25 exp Mental Health/ (2909)
- 26 exp Family Health/ (6432)
- 27 exp DEPRESSION/ (10648)
- 28 exp Patient Participation/ (4314)
- 29 exp Patient Care Team/ (13250)
- 30 exp Professional-Family Relations/ (2366)
- 31 exp Truth Disclosure/ (3633)
- 32 exp Counseling/ (5980)
- 33 exp Pastoral Care/ (881)
- 34 *ADAPTATION, PSYCHOLOGICAL/ (6827)
- 35 exp Patient Education/ (16738)
- 36 exp SPOUSES/ (1605)

- 37 exp Social Isolation/ (1896)
- 38 (psychosocial or psycho social).tw. (12178)
- 39 psychological distress.tw. (1963)
- 40 exp Social Support/ (10456)
- 41 exp Attitude to Health/ (65325)
- 42 Communication Barriers/ (1064)
- 43 (advice or advisory).tw. (8534)
- 44 ((cooperation or co-operation) adj3 patient\$.tw. (517)
- 45 exp Patient Acceptance of Health Care/ (37783)
- 46 Patient Dropouts/ (1371)
- 47 "breaking bad news".tw. (101)
- 48 "information need\$.tw. (1595)
- 49 "information resource\$.tw. (496)
- 50 patient literature.tw. (52)
- 51 Tape Recording/ (351)
- 52 or/1-51 (267476)

SG3 Surgery Search

The SCLC surgery search was re-run from 1988-1997 on 16th December 2003. Both the RCT and observational filters were applied.

Generic Cancer Communications Search (covers all subgroups)

A generic cancer communications search was run on 23rd March 2004 using the above search strategies. The strategies were combined with general cancer terms, rather than the lung cancer stem. The RCT and observational filters were applied to the results. The RCT search gave 3422 hits, the observational 3577 hits. They were sifted down to 152 and 154 hits, respectively. These files were combined, the final results was 276.

Additional Searches

Additional searches were conducted on the following subjects between 20th April and 27th April 2004. RCT and Observational filters were applied to the results.

SG3 Surgery

- KQ10.3 – What is the role of surgery in stage IIIA NSCLC disease
- KQ10.4 – superior sulcus/pancoast tumours and the effectiveness of surgery (+ combined modality). Will include author search for U. Pastorino.
- KQ10.8 – no search required RR has suitable papers
- KQ10.9 – brain, liver and adrenal mets and their resection

SG3 Radiotherapy

- KQ12.7 – radiotherapy of brain mets (RCT + Obs), may have to extend to all cancers.
- KQ12.6 – treatment of radiotherapy related morbidity, in particular oesophagitis and pneumonitis

SG3 Chemotherapy

- KQ14.7 – prophylactic antibiotics and chemotherapy in lung cancer

SG3 Endobronchial/vascular

- laser and cryotherapy with lung cancer
- endobronchial stenting

SG4 Palliative Care etc.

- discharge planning
- physiotherapists

- dieticians
- spiritual support
- speech therapist (inc hoarseness)