



# Head & Neck Cancer Search Narrative

## 1. Existing Guidelines

An Internet search for existing evidence-based guidelines/systematic reviews for head and neck cancer was conducted on 29<sup>th</sup> July 2003. Medline, Embase and CINAHL were also searched for existing guidelines as part of the Systematic Review search (see section 3).

Resources	Internet (see list of websites below)
Year Range	1998 - 2003
Search Results	17

### Websites Used:

Clinical Standards Board for Scotland (CSBS)

<http://www.clinicalstandards.org/>

Health Technology Board for Scotland (HTBS)

<http://www.htbs.org.uk>

National Institute for Clinical Excellence (NICE)

<http://www.nice.org.uk/>

NHS Centre for Reviews and Dissemination

<http://www.york.ac.uk/inst/crd/welcome.htm>

Agency for Health Care Research and Quality (AHRQ)

<http://www.ahrq.gov/>

ASERNIP-S (for surgery)

<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/>

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>

US National Institutes of Health

<http://www.nih.gov/>

National Electronic Library for Health (NeLH)

<http://www.nelh.nhs.uk/>

TRIP Database

<http://www.tripdatabase.com>

### **Generic Stem**

A general search stem for identifying the complete evidence base for literature on head and neck cancers was formulated 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 "Head and Neck Neoplasms"/ (7093)
- 2 exp Mouth Neoplasms/ (8384)
- 3 exp Otorhinolaryngologic Neoplasms/ (12311)
- 4 exp CHOLESTEATOMA/ (728)
- 5 Paraganglioma, Extra-Adrenal/ (144)
- 6 exp Odontogenic Tumors/ (826)
- 7 Carcinoma, Mucoepidermoid/ (341)
- 8 Mucoepidermoid Tumor/ (12)
- 9 Esthesioneuroblastoma, Olfactory/ (134)
- 10 or/1-9 (27890)
- 11 (cancer\$ or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adenocarcinoma\$ or metastasis or metastases or polyp\$).tw. (400158)
- 12 (palate or palatal).tw. (4926)
- 13 warthin.tw. (180)
- 14 ("base of tongue" or (base adj3 tongue)).tw. (433)
- 15 Mouth Mucosa/ (3827)
- 16 ((oral or buccal or mouth or cheek\$) adj (mucous or (mucosa adj membrane\$))).tw. (97)
- 17 Mouth Floor/ (298)
- 18 (mouth adj3 (bottom or floor)).tw. (460)
- 19 retromolar.tw. (107)
- 20 ((nose or nasal) adj cavity).tw. (1600)
- 21 RHINOSCLEROMA/ (38)
- 22 ("upper aerodigestive tract" or uadt).tw. (610)
- 23 (upper adj (oesophagus or esophagus or oesophageal or esophageal)).tw. (377)
- 24 "post cricoid".tw. (14)
- 25 or/12-24 (12053)
- 26 11 and 25 (3180)
- 27 head.tw. (41741)
- 28 neck.tw. (26789)
- 29 ear.tw. (12086)
- 30 (mouth or "oral cavity").tw. (11748)
- 31 lip\$.tw. (116629)
- 32 parotid.tw. (3007)
- 33 "salivary gland\$.tw. (4855)
- 34 tongue.tw. (4947)
- 35 (nose or nasal or paranasal).tw. (19556)
- 36 (larynx\$ or larynges or laryngeal or "vocal cord\$" or "vocal fold\$").tw. (10093)
- 37 ((pyriform or piriform) adj fossa\$).tw. (48)
- 38 (pharyngeal or pharynx\$ or pharynges or throat).tw. (6916)
- 39 (hypopharyngeal or laryngopharyngeal or "laryngea pharyngis" or hypopharynx\$ or laryngopharynx\$ or hypopharynges or laryngopharynges).tw. (1286)
- 40 (nasopharyngeal or nasopharynx\$ or nasopharynges).tw. (4213)
- 41 (oropharyngeal or oropharynx\$ or oropharynges).tw. (2868)
- 42 (tonsillar or tonsil\$1).tw. (2460)
- 43 (gingival or gum\$).tw. (5914)
- 44 or/27-43 (239064)
- 45 11 and 44 (40990)

**Systematic Reviews**

A search was undertaken on 30<sup>th</sup> July and 1<sup>st</sup> August 2003 for systematic reviews and existing guidelines relating to head and neck cancers.

Search strategy	Head and neck generic stem + systematic review filter (see below for strategies)
Databases	Medline, Embase, CINAHL, Cochrane Library
Year Range	1998 - 2003
Initial Search Results	716
Pre-sifted Search results	53

**Medline** (1996 to July Week 4 2003)

- 1 "Head and Neck Neoplasms"/ (7093)
- 2 exp Mouth Neoplasms/ (8384)
- 3 exp Otorhinolaryngologic Neoplasms/ (12311)
- 4 exp CHOLESTEATOMA/ (728)
- 5 Paraganglioma, Extra-Adrenal/ (144)
- 6 exp Odontogenic Tumors/ (826)
- 7 Carcinoma, Mucoepidermoid/ (341)
- 8 Mucoepidermoid Tumor/ (12)
- 9 Esthesioneuroblastoma, Olfactory/ (134)
- 10 or/1-9 (27890)
- 11 (cancer\$ or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adenocarcinoma\$ or metastasis or metastases or polyp or polyps).tw. (371647)
- 12 (palate or palatal).tw. (4926)
- 13 warthin.tw. (180)
- 14 ("base of tongue" or (base adj3 tongue)).tw. (433)
- 15 Mouth Mucosa/ (3827)
- 16 ((oral or buccal or mouth or cheek\$) adj (mucosa or (mucous adj membrane\$))).tw. (2177)
- 17 Mouth Floor/ (298)
- 18 (mouth adj3 (bottom or floor)).tw. (460)
- 19 retromolar.tw. (107)
- 20 ((nose or nasal) adj cavity).tw. (1600)
- 21 RHINOSCLEROMA/ (38)
- 22 ("upper aerodigestive tract" or uadt).tw. (610)
- 23 (upper adj (oesophagus or esophagus or oesophageal or esophageal)).tw. (377)
- 24 "post cricoid".tw. (14)
- 25 or/12-24 (12828)
- 26 11 and 25 (3392)
- 27 head.tw. (41741)
- 28 neck.tw. (26789)
- 29 ear.tw. (12086)
- 30 (mouth or "oral cavity").tw. (11748)
- 31 (lip or lips).tw. (4982)
- 32 parotid.tw. (3007)
- 33 "salivary gland\$".tw. (4855)
- 34 tongue.tw. (4947)
- 35 (nose or nasal or paranasal).tw. (19556)
- 36 (larynx\$ or larynges or laryngeal or "vocal cord\$" or "vocal fold\$").tw. (10093)
- 37 ((pyriform or piriform) adj fossa\$).tw. (48)
- 38 (pharyngeal or pharynx\$ or pharynges or throat).tw. (6916)

39 (hypopharyngeal or laryngopharyngeal or "laryngea pharyngis" or hypopharynx\$ or laryngopharynx\$ or hypopharynges or laryngopharynges).tw. (1286)

40 (nasopharyngeal or nasopharynx\$ or nasopharynges).tw. (4213)

41 (oropharyngeal or oropharynx\$ or oropharynges).tw. (2868)

42 (tonsillar or tonsil\$1).tw. (2460)

43 (gingival or gum\$).tw. (5914)

44 or/27-43 (130047)

45 11 and 44 (25845)

46 10 or 26 or 45 (38276)

47 Meta-Analysis/ (2897)

48 meta analy\$.tw. (6854)

49 metaanaly\$.tw. (259)

50 meta analysis.pt. (5695)

51 (systematic adj (review\$1 or overview\$1)).tw. (3981)

52 exp Review Literature/ (1287)

53 or/47-52 (14452)

54 cochrane.ab. (3035)

55 embase.ab. (2015)

56 (psyclit or psychlit).ab. (480)

57 (psycinfo or psychinfo).ab. (278)

58 (cinahl or cinhal).ab. (761)

59 science citation index.ab. (337)

60 bids.ab. (126)

61 cancerlit.ab. (183)

62 or/54-61 (4492)

63 reference list\$.ab. (1364)

64 bibliograph\$.ab. (2371)

65 hand-search\$.ab. (699)

66 relevant journals.ab. (116)

67 manual search\$.ab. (356)

68 or/63-67 (4379)

69 selection criteria.ab. (3851)

70 data extraction.ab. (1775)

71 69 or 70 (5309)

72 review.pt. (436248)

73 71 and 72 (3576)

74 comment.pt. (134240)

75 letter.pt. (177317)

76 editorial.pt. (70742)

77 animal/ (920936)

78 human/ (2399305)

79 77 not (77 and 78) (627263)

80 or/74-76,79 (884322)

81 53 or 62 or 68 or 73 (19836)

82 81 not 80 (18220)

83 guideline.pt. (6482)

84 practice guideline.pt. (4990)

85 \*practice guidelines/ (5945)

86 82 and 46 (210)

87 limit 86 to yr= 1998-2003 (167)

88 83 or 84 or 85 (12389)

89 88 and 46 (51)

90 limit 89 to yr= 1998-2003 (38)

91 87 or 90 (198)

***Subgroup stems***

Subgroup search stems for identifying the aspects specific to the questions in each subgroup were formulated for the key databases. These subgroup stems are to be used in conjunction with the generic stems at all further stages in the search process.

## Subgroup 1 – Epidemiology, presentation, prevention, awareness and screening

### Medline

1. Risk Factors/
2. exp life style/
3. (lifestyle or "life style").tw.
4. (behavior?r adj3 "risk factor\$").tw.
5. (environment\$ adj3 ("risk factor\$" or exposure\$)).tw.
6. health behavior/
7. ((betel or betal) adj (nut\$ or quid\$)).tw.
8. (BQ or paan).tw.
9. smoking/
10. Tobacco, Smokeless/
11. "Tobacco Use Disorder"/
12. (smoking or cigar\$ or pipe\$ or snuff or (tobacco adj2 chew\$)).tw.
13. exp drinking behavior/
14. alcoholism/
15. diet/
16. exercise/
17. (alcohol\$ or diet\$ or exercise\$).tw.
18. or/1-17
19. "patient profile\$".tw.
20. ((patient or population) adj (characteristic\$ or distribution)).tw.
21. Social Class/
22. demography/
23. ((social or socioeconomic) adj class).tw.
24. demograph\$.tw.
25. or/19-24
26. public health/
27. health education/
28. Health Promotion/
29. Attitude to Health/
30. ((public or patient) adj2 awareness).tw.
31. patient education/
32. telemedicine/
33. awareness/
34. ((patient or health) adj (promotion or education)).tw.
35. Self-Examination/
36. (self adj (awareness or examination)).tw.
37. or/26-36
38. patient presentation.tw.
39. Mass Screening/
40. screening.tw.
41. clinical examination.tw.
42. BIOPSY/
43. visual examination.tw.
44. or/38-43
45. PRIMARY PREVENTION/
46. CHEMOPREVENTION/
47. exp mouthwashes/
48. exp DENTIFRICES/
49. prevention.tw.
50. smoking cessation/
51. "tobacco use cessation"/
52. (chemoprevention or chemoprophylaxis).tw.

53. ("mouth wash\$" or mouthwash\$ or "tooth paste\$" or toothpaste\$).tw.  
 54. or/45-53  
 55. exp Precancerous Conditions/  
 56. (pre-malignant or pre-malignant).tw.  
 57. (precancer\$ or pre-cancer\$).tw.  
 58. 55 or 56 or 57  
 59. 18 or 25 or 37 or 44 or 54 or 58

## Subgroup 2 – Referral, diagnosis and investigation

### Medline

1. exp "Referral" and Consultation"/  
 2. referral.tw.  
 3. second opinion\$.tw.  
 4. gatekeep\$.tw.  
 5. or/1-4  
 6. exp Patient Care Team/  
 7. ((multidisciplinary or "multi disciplinary") adj2 (team\$ or work\$)).tw.  
 8. ((interdisciplinary or "inter disciplinary") adj2 (team\$ or work\$)).tw.  
 9. ((interprofessional or "inter professional") adj2 (team\$ or work\$)).tw.  
 10. health care team\$.tw.  
 11. medical care team\$.tw.  
 12. patient care team\$.tw.  
 13. ((transdisciplinary or "trans disciplinary") adj2 (team\$ or work\$)).tw.  
 14. mdt.tw.  
 15. managed clinical network\$.tw.  
 16. mcn.tw.  
 17. (cancer adj (clinic\$ or center\$ or centre\$ or hospital\$ or institute\$ or care)).tw.  
 18. or/6-17  
 19. exp Magnetic Resonance Imaging/  
 20. "magnetic resonance imaging".tw.  
 21. mri.tw.  
 22. (mr adj (imaging or exam\$)).tw.  
 23. diagnostic imaging/  
 24. exp TOMOGRAPHY, X-RAY COMPUTED/  
 25. "comput\$ tomograph\$".tw.  
 26. (comput\$ adj (axial or assisted) adj tomograph\$).tw.  
 27. ((ct or cat) adj scan\$).tw.  
 28. exp ISOTOPES/  
 29. isotope\$.tw.  
 30. exp ULTRASONOGRAPHY/  
 31. ULTRASONICS/  
 32. (ultrasound\$ or ultra sound\$ or ultrason\$).tw.  
 33. echo\$.tw.  
 34. Biopsy, Needle/  
 35. fine needle aspiration.tw.  
 36. fna.tw.  
 37. ((aspiration or puncture) adj biopsy).tw.  
 38. exp Tomography, Emission-Computed/  
 39. positron emission tomography.tw.  
 40. pet.tw.  
 41. Neoplasm Staging/  
 42. staging.tw.  
 43. secondary primary.tw.  
 44. or/19-43  
 45. exp ENDOSCOPY/  
 46. endoscop\$.tw.

47. patient management\$.tw.  
48. or/45-47  
49. (lymph nodes/ or "lymph node\$.tw.) and cervical.tw.  
50. (neck adj2 (lump\$ or mass\$ or tumo?r\$ or cyst\$)).tw.  
51. or/49-50  
52. exp PROGNOSIS/  
53. prognosis.tw.  
54. "tumo?r location\$".tw.  
55. or/52-54  
56. (pathological adj2 (indices or index\$)).tw.  
57. exp HISTOLOGY/  
58. histology.tw.  
59. exp Neoplasm Metastasis/  
60. micrometast\$.tw.  
61. ((nodal or node\$) adj involvement).tw.  
62. or/56-61  
63. 5 or 18 or 44 or 48 or 51 or 55 or 62

### Subgroup 3 – Treatment

#### Medline

1. exp Decision Making/  
2. Decision Support Techniques/  
3. Patient Care Planning/  
4. decision\$.tw.  
5. decid\$.tw.  
6. choice\$.tw.  
7. plan\$".tw.  
8. plan\$".tw.  
9. or/1-8  
10. Organ Preservation/  
11. Salvage Therapy/  
12. "organ\$ conserv\$".tw.  
13. "organ\$ preserv\$".tw.  
14. "conservative therap\$".tw.  
15. or/10-14  
16. exp Lymph Node Excision/  
17. exp lymph lymph nodes/  
18. lymphadenectomy.tw.  
19. "node negative".tw.  
20. "node positive".tw.  
21. ("lymph node" adj (excision or resection)).tw.  
22. ((n0 or cn0 or n1 or n2 or n2a or n2b or n2c or n3) and neck).tw.  
23. or/16-22  
24. exp OTORHINOLARYNGOLOGIC SURGICAL PROCEDURES/  
25. exp exp SURGERY/ SURGERY/  
26. exp exp SURGERY, ORAL/  
27. exp exp LASER SURGERY/  
28. surg\$.tw.  
29. resect\$.tw.  
30. excis\$.tw.  
31. or/24-30  
32. exp RECONSTRUCTIVE SURGICAL PROCEDURES/  
33. reconstructi\$.tw.  
34. ((repair or reparative) adj surgery).tw.  
35. exp exp Surgery, Plastic/  
36. or/32-35  
37. exp exp Drug Therapy/  
38. exp Combined Modality Therapy/

39. exp Antineoplastic Neoadjuvant Therapy/  
40. exp Antineoplastic Combined Chemotherapy Protocols/  
41. chemotherap\$.tw.  
42. chemoradio\$.tw.  
43. adjuvant.tw.  
44. neoadjuvant.tw.  
45. combined modalit\$.tw.  
46. (multi-modalit\$ or multimodalit\$.tw.  
47. ((sequential or concurrent) adj (treatment or therap\$ or cure\$)).tw.  
48. concomitant.tw.  
49. synchronous.tw.  
50. exp RADIOTHERAPY/  
51. exp Therapy, Computer-Assisted/  
52. radiation radiotherap\$.tw.  
53. radiation therap\$.tw.  
54. brachytherap\$.tw.  
55. or/37-54  
56. exp Radiation Effects/  
57. exp Radiation Injuries/  
58. radiation.tw.  
59. or/56-58  
60. exp Treatment Outcome/  
61. exp "OUTCOME ASSESSMENT (HEALTH CARE)"/  
62. exp "OUTCOME AND PROCESS ASSESSMENT (HEALTH CARE)"/  
63. outcome measure\$.tw.  
64. therap\$ outcome\$.tw.  
65. treatment outcome\$.tw.  
66. or/60-65  
67. exp Neoplasm Recurrence, Local/  
68. recurren\$.tw.  
69. relaps\$.tw.  
70. or/67-69  
71. 9 or 15 or 23 or 31 or 36 or 55 or 59 or 66 or 70

#### Subgroup 4 – Follow-up, rehabilitation and patient support

##### Medline (excluding Q28)

1. exp Dental Care/  
2. (dental adj (care or support or treatment)).tw.  
3. exp Mouth Rehabilitation/  
4. exp Dental Health Services/  
5. or/1-4  
6. exp "rehabilitation of speech and language disorders"/  
7. ((speech or language or voice) adj (therap\$ or rehabilitation or reeducation or train\$)).tw.  
8. exp Larynx, Artificial/  
9. ((voice or laryn\$) adj3 (prosthe\$ or artificial or implant\$)).tw.  
10. (communication adj2 (device\$ or skill\$ or technique\$)).tw.  
11. (dysphagia or dysphonia).tw.  
12. Deglutition Disorders/  
13. Voice Disorders/  
14. or/6-13  
15. (psychosocial or (psycho adj social)).tw.  
16. exp Social Support/  
17. social support\$.tw.  
18. psychological support\$.tw.  
19. exp Self-Help Groups/  
20. exp Community Networks/  
21. ((community or social or self-help) adj2 (network\$ or group\$)).tw.  
22. clinical nurse specialist\$.tw.

23. exp Nurse Clinicians/  
 24. exp Nurse Practitioners/  
 25. exp Oncologic Nursing/  
 26. exp Nursing Care/  
 27. exp Nursing Assessment/  
 28. exp Patient Care Team/  
 29. ((multi-disciplin\$ or multidisciplin\$ or inter-professional) adj (team\$ or work\$)).tw.  
 30. macmillan support nurs\$.tw.  
 31. cancer support nurs\$.tw.  
 32. counsel\$.tw.  
 33. \*Counseling/  
 34. (pastoral adj (care or psychology)).tw.  
 35. \*pastoral care/  
 36. exp emotions/  
 37. (emotion\$ adj2 (need\$ or requirement\$)).tw.  
 38. \*adaptation, psychological/  
 39. psychosocial support.tw.  
 40. decision making/  
 41. anxiety/  
 42. (fear or anxiety).tw.  
 43. (cope or coping).tw.  
 44. exp Hospice Care/  
 45. exp Community Health HOSPICES/  
 46. exp Nursing/  
 47. hospice\$.tw.  
 48. or/15-47  
 49. (percutaneous exp endoscopic gastostomy or peg).tw.  
 50. exp Enteral Nutrition/  
 51. (tube\$ adj2 feed\$).tw.  
 52. NUTRITION/  
 53. diet therapy/  
 54. nutrition\$.tw.  
 55. or/49-54  
 56. patient information.tw.  
 57. Physician-Patient Relations/  
 58. Professional-Patient Relations/  
 59. Nurse-Patient Relations/  
 60. Professional-Family Relations/  
 61. Patient Education/  
 62. "breaking bad news".tw.  
 63. information needs.tw.  
 64. information resources.tw.  
 65. patient literature.tw.  
 66. leaflet\$.tw.  
 67. sheet\$.tw.  
 68. booklet\$.tw.  
 69. Tape Recording/  
 70. (tape\$ or video\$).tw.  
 71. pamphlet\$.tw.  
 72. exp PAMPHLETS/  
 73. exp Truth Disclosure/  
 74. exp Information Services/  
 75. verbal information.tw.  
 76. exp INTERNET/  
 77. exp Mass Media/  
 78. or/56-77  
 79. 5 or 14 or 48 or 55 or 78

## Medline (Q28)

1. exp Quality of Life/ AFTERCARE/  
 2. ("quality of life" or qol).tw. Life/  
 3. (aftercare or "after care").tw. qol).tw.  
 4. patient support.tw. care").tw.  
 5. Neoplasm Recurrence, Local/  
 6. Continuity of Patient Care/  
 7. Postoperative Care/  
 8. (follow-up or followup).tw. Care/  
 9. Surveillance.tw. surveillance.tw.  
 10. SURVIVAL/  
 11. exp Survival Analysis/  
 12. exp Postoperative Period/  
 13. exp Palliative Care/  
 14. exp RECURRENCE/  
 15. relapse.tw. relapse.tw.  
 16. REHABILITATION/  
 17. disease free survival.tw. survival.tw.  
 18. or/1-18

### 5. Subgroup 1 – Epidemiology, presentation, prevention, awareness and screening

#### RCTs

A search was undertaken on 3<sup>rd</sup> November 2003 for RCTs on the epidemiology, presentation, prevention, awareness and screening of (potential) patients with head and neck cancers. Sifting was conducted by Ailsa Stein.

Search strategy	Head and neck generic stem + SG1 stem + RCT filter
Databases	Medline, Embase, CINAHL, Cochrane Library
Year Range	1998 - 2003
Initial Search Results	914 (822 after de-duplication)
Pre-sifted Search results	134

#### Obs

The search for observational studies was conducted on 19<sup>th</sup> January 2004.

Search strategy	Head and neck generic stem + SG1 stem + Obs filter
Databases	Medline, Embase, CINAHL
Year Range	1998 - 2003
Initial Search Results	2093
Pre-sifted Search results	356

#### MEDLINE < 1996 to October Week 4 2003 >

- 1 "Head and Neck Neoplasms"/ (7345)
- 2 exp Mouth Neoplasms/ (8690)
- 3 exp Otorhinolaryngologic Neoplasms/ (12816)
- 4 exp CHOLESTEATOMA/ (764)

- 5 Paraganglioma, Extra-Adrenal/ (146)
- 6 exp Odontogenic Tumors/ (858)
- 7 Carcinoma, Mucoepidermoid/ (353)
- 8 Mucoepidermoid Tumor/ (13)
- 9 Esthesioneuroblastoma, Olfactory/ (139)
- 10 or/1-9 (28982)
- 11 (cancer\$ or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adenocarcinoma\$ or metastasis or metastases or polyp or polyps).tw. (386663)
- 12 (palate or palatal).tw. (5107)
- 13 warthin.tw. (184)
- 14 ("base of tongue" or (base adj3 tongue)).tw. (455)
- 15 Mouth Mucosa/ (3960)
- 16 ((oral or buccal or mouth or cheek\$) adj (mucosa or (mucous adj membrane\$))).tw. (2269)
- 17 Mouth Floor/ (304)
- 18 (mouth adj3 (bottom or floor)).tw. (471)
- 19 retromolar.tw. (110)
- 20 ((nose or nasal) adj cavity).tw. (1651)
- 21 RHINOSCLEROMA/ (38)
- 22 ("upper aerodigestive tract" or uadt).tw. (637)
- 23 (upper adj (oesophagus or esophagus or oesophageal or esophageal)).tw. (390)
- 24 "post cricoid".tw. (14)
- 25 or/12-24 (13292)
- 26 11 and 25 (3498)
- 27 head.tw. (43282)
- 28 neck.tw. (27865)
- 29 ear.tw. (12579)
- 30 (mouth or "oral cavity").tw. (12169)
- 31 (lip or lips).tw. (5178)
- 32 parotid.tw. (3101)
- 33 "salivary gland\$.tw. (5017)
- 34 tongue.tw. (5148)
- 35 (nose or nasal or paranasal).tw. (20316)
- 36 (larynx\$ or larynges or laryngeal or "vocal cord\$" or "vocal fold\$").tw. (10464)
- 37 ((pyriform or piriform) adj fossa\$).tw. (49)
- 38 (pharyngeal or pharynx\$ or pharynges or throat).tw. (7191)
- 39 (hypopharyngeal or laryngopharyngeal or "laryngea pharyngis" or hypopharynx\$ or laryngopharynx\$ or hypopharynges or laryngopharynges).tw. (1344)
- 40 (nasopharyngeal or nasopharynx\$ or nasopharynges).tw. (4388)
- 41 (oropharyngeal or oropharynx\$ or oropharynges).tw. (2975)
- 42 (tonsillar or tonsil\$1).tw. (2554)
- 43 (gingival or gum\$).tw. (6124)
- 44 or/27-43 (134998)
- 45 11 and 44 (26867)
- 46 10 or 26 or 45 (39787)
- 47 Risk Factors/ (130654)
- 48 exp life style/ (11880)
- 49 (lifestyle or "life style").tw. (8948)
- 50 (behavior\$ adj3 "risk factor\$").tw. (1233)
- 51 (environment\$ adj3 ("risk factor\$" or exposure\$)).tw. (5643)

52 health behavior/ (6256)  
 53 ((betel or betal) adj (nut\$ or quid\$)).tw. (184)  
 54 (BQ or paan).tw. (1487)  
 55 smoking/ (22042)  
 56 Tobacco, Smokeless/ (546)  
 57 "Tobacco Use Disorder"/ (1451)  
 58 (smoking or cigar\$ or pipe\$ or snuff or (tobacco adj2 chew\$)).tw. (40019)  
 59 exp drinking behavior/ (10300)  
 60 alcoholism/ (9285)  
 61 diet/ (17013)  
 62 exercise/ (16060)  
 63 (alcohol\$ or diet\$ or exercise\$).tw. (134207)  
 64 or/47-63 (308227)  
 65 "patient profile\$".tw. (263)  
 66 ((patient or population) adj (characteristic\$ or distribution)).tw. (3553)  
 67 Social Class/ (4982)  
 68 demography/ (8088)  
 69 ((social or socioeconomic) adj class).tw. (1597)  
 70 demograph\$.tw. (25534)  
 71 or/65-70 (40006)  
 72 public health/ (10365)  
 73 health education/ (8773)  
 74 Health Promotion/ (10476)  
 75 Attitude to Health/ (16181)  
 76 ((public or patient) adj2 awareness).tw. (935)  
 77 patient education/ (16580)  
 78 telemedicine/ (3073)  
 79 awareness/ (2358)  
 80 ((patient or health) adj (promotion or education)).tw. (9265)  
 81 Self-Examination/ (233)  
 82 (self adj (awareness or examination)).tw. (754)  
 83 or/72-82 (67397)  
 84 patient presentation.tw. (143)  
 85 Mass Screening/ (17438)  
 86 screening.tw. (61379)  
 87 clinical examination.tw. (5973)  
 88 BIOPSY/ (25009)  
 89 visual examination.tw. (175)  
 90 or/84-89 (96535)  
 91 PRIMARY PREVENTION/ (3450)  
 92 CHEMOPREVENTION/ (1036)  
 93 exp mouthwashes/ (1811)  
 94 exp DENTIFRICES/ (857)  
 95 prevention.tw. (64389)  
 96 smoking cessation/ (4697)  
 97 "tobacco use cessation"/ (164)  
 98 (chemoprevention or chemoprophylaxis).tw. (3032)  
 99 ("mouth wash\$" or mouthwash\$ or "tooth paste\$" or toothpaste\$).tw. (788)  
 100 or/91-99 (75631)

101 exp Precancerous Conditions/ (6489)  
 102 (pre-malignant or pre-malignant).tw. (2128)  
 103 (precancer\$ or pre-cancer\$).tw. (1593)  
 104 101 or 102 or 103 (8503)  
 105 64 or 71 or 83 or 90 or 100 or 104 (516349)  
 106 105 and 46 (6976)  
 107 limit 106 to yr=1998-2003 (5312)  
 108 Randomized Controlled Trials/ (21066)  
 109 randomized controlled trial.pt. (81000)  
 110 Random Allocation/ (13914)  
 111 Double Blind Method/ (29899)  
 112 Single Blind Method/ (4929)  
 113 clinical trial.pt. (159922)  
 114 exp Clinical Trials/ (53131)  
 115 or/108-114 (227210)  
 116 (clinic adj trial\$1).tw. (24)  
 117 ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. (27586)  
 118 PLACEBOS/ (5057)  
 119 placebo\$.tw. (34866)  
 120 randomly allocated.tw. (3350)  
 121 (allocated adj2 random).tw. (130)  
 122 or/116-121 (48254)  
 123 115 or 122 (234683)  
 124 case report.tw. (35042)  
 125 letter.pt. (183309)  
 126 historical article.pt. (43628)  
 127 review of reported cases.pt. (22544)  
 128 review, multicase.pt. (2805)  
 129 or/124-128 (278752)  
 130 123 not 129 (226689)  
 131 130 and 107 (361)

## 6. Subgroup 2 – Referral, diagnosis and investigation

### RCTs

A search was undertaken on 14<sup>th</sup> November 2003 for RCTs on the referral, diagnosis and investigation of patients with head and neck cancers. Sifting was conducted by Ailsa Stein.

Search strategy	Head and neck generic stem + SG2 stem + RCT filter
Databases	Medline, Embase, CINAHL, Cochrane Library
Year Range	1998 - 2003
Initial Search Results	1989
Pre-sifted Search results	286

### Obs

The search for observational studies was conducted on 26<sup>th</sup> January 2004.

Search strategy	Head and neck generic stem + SG2 stem + Obs filter
Databases	Medline, Embase, CINAHL
Year Range	1998 - 2003
Initial Search Results	4092
Pre-sifted Search results	395

**MEDLINE < 1996 to November Week 1 2003 >**

- 1 "Head and Neck Neoplasms"/ (7392)
- 2 exp Mouth Neoplasms/ (8743)
- 3 exp Otorhinolaryngologic Neoplasms/ (12884)
- 4 exp CHOLESTEATOMA/ (765)
- 5 Paraganglioma, Extra-Adrenal/ (149)
- 6 exp Odontogenic Tumors/ (866)
- 7 Carcinoma, Mucoepidermoid/ (355)
- 8 Mucoepidermoid Tumor/ (13)
- 9 Esthesioneuroblastoma, Olfactory/ (141)
- 10 or/1-9 (29152)
- 11 (cancer\$ or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adenocarcinoma\$ or metastasis or metastases or polyp or polyps).tw. (389049)
- 12 (palate or palatal).tw. (5141)
- 13 warthin.tw. (186)
- 14 ("base of tongue" or (base adj3 tongue)).tw. (456)
- 15 Mouth Mucosa/ (3980)
- 16 ((oral or buccal or mouth or cheek\$) adj (mucosa or (mucous adj membrane\$))).tw. (2284)
- 17 Mouth Floor/ (307)
- 18 (mouth adj3 (bottom or floor)).tw. (475)
- 19 retromolar.tw. (111)
- 20 ((nose or nasal) adj cavity).tw. (1666)
- 21 RHINOSCLEROMA/ (38)
- 22 ("upper aerodigestive tract" or uadt).tw. (643)
- 23 (upper adj (oesophagus or esophagus or oesophageal or esophageal)).tw. (392)
- 24 "post cricoid".tw. (14)
- 25 or/12-24 (13381)
- 26 11 and 25 (3518)
- 27 head.tw. (43551)
- 28 neck.tw. (28079)
- 29 ear.tw. (12639)
- 30 (mouth or "oral cavity").tw. (12261)
- 31 (lip or lips).tw. (5207)
- 32 parotid.tw. (3121)
- 33 "salivary gland\$.tw. (5042)
- 34 tongue.tw. (5178)
- 35 (nose or nasal or paranasal).tw. (20473)
- 36 (larynx\$ or larynges or laryngeal or "vocal cord\$" or "vocal fold\$").tw. (10521)
- 37 ((pyriform or piriform) adj fossa\$).tw. (49)
- 38 (pharyngeal or pharynx\$ or pharynges or throat).tw. (7233)
- 39 (hypopharyngeal or laryngopharyngeal or "laryngea pharyngis" or hypopharynx\$ or laryngopharynx\$ or hypopharynges or laryngopharynges).tw. (1349)
- 40 (nasopharyngeal or nasopharynx\$ or nasopharynges).tw. (4413)
- 41 (oropharyngeal or oropharynx\$ or oropharynges).tw. (2990)
- 42 (tonsillar or tonsil\$1).tw. (2580)
- 43 (gingival or gum\$).tw. (6180)
- 44 or/27-43 (135884)
- 45 11 and 44 (27039)
- 46 10 or 26 or 45 (40030)
- 47 exp "Referral and Consultation"/ (12741)
- 48 referral.tw. (12157)

49 second opinion\$.tw. (296)  
 50 gatekeep\$.tw. (634)  
 51 or/47-50 (22488)  
 52 exp Patient Care Team/ (13229)  
 53 ((multidisciplinary or "multi disciplinary") adj2 (team\$ or work\$)).tw. (1846)  
 54 ((interdisciplinary or "inter disciplinary") adj2 (team\$ or work\$)).tw. (714)  
 55 ((interprofessional or "inter professional") adj2 (team\$ or work\$)).tw. (78)  
 56 health care team\$.tw. (637)  
 57 medical care team\$.tw. (8)  
 58 patient care team\$.tw. (41)  
 59 ((transdisciplinary or "trans disciplinary") adj2 (team\$ or work\$)).tw. (16)  
 60 mdt.tw. (283)  
 61 managed clinical network\$.tw. (14)  
 62 mcn.tw. (223)  
 63 (cancer adj (clinic\$ or center\$ or centre\$ or hospital\$ or institute\$ or care)).tw. (6554)  
 64 or/52-63 (22348)  
 65 exp Magnetic Resonance Imaging/ (74514)  
 66 "magnetic resonance imaging".tw. (26096)  
 67 mri.tw. (28405)  
 68 (mr adj (imaging or exam\$)).tw. (9583)  
 69 diagnostic imaging/ (6313)  
 70 exp TOMOGRAPHY, X-RAY COMPUTED/ (60427)  
 71 "comput\$ tomograph\$.tw. (32158)  
 72 (comput\$ adj (axial or assisted) adj tomograph\$).tw. (307)  
 73 ((ct or cat) adj scan\$).tw. (12447)  
 74 exp ISOTOPES/ (36335)  
 75 isotope\$.tw. (5975)  
 76 exp ULTRASONOGRAPHY/ (50480)  
 77 ULTRASONICS/ (1768)  
 78 (ultrasound\$ or ultra sound\$ or ultrason\$).tw. (50285)  
 79 echo\$.tw. (34877)  
 80 Biopsy, Needle/ (12937)  
 81 fine needle aspiration.tw. (4689)  
 82 fna.tw. (1469)  
 83 ((aspiration or puncture) adj biopsy).tw. (1757)  
 84 exp Tomography, Emission-Computed/ (18616)  
 85 positron emission tomography.tw. (7103)  
 86 pet.tw. (10171)  
 87 Neoplasm Staging/ (25875)  
 88 staging.tw. (10685)  
 89 secondary primary.tw. (339)  
 90 or/65-89 (304351)  
 91 exp ENDOSCOPY/ (53962)  
 92 endoscop\$.tw. (29679)  
 93 patient management\$.tw. (2428)  
 94 or/91-93 (68641)  
 95 (lymph nodes/ or "lymph node\$.tw.) and cervical.tw. (2703)  
 96 (neck adj2 (lump\$ or mass\$ or tumo?r\$ or cyst\$)).tw. (2220)  
 97 or/95-96 (4808)  
 98 exp PROGNOSIS/ (217288)  
 99 prognosis.tw. (43386)  
 100 "tumo?r location\$.tw. (1129)  
 101 or/98-100 (238382)  
 102 (pathological adj2 (indices or index\$)).tw. (63)  
 103 exp HISTOLOGY/ (150)  
 104 histology.tw. (16432)  
 105 exp Neoplasm Metastasis/ (24547)  
 106 micrometast\$.tw. (1513)  
 107 ((nodal or node\$) adj involvement).tw. (2704)  
 108 or/102-107 (42325)  
 109 51 or 64 or 90 or 94 or 97 or 101 or 108 (597200)

110 46 and 109 (19359)  
 111 limit 110 to yr = 1998-2003 (15056)  
 112 Randomized Controlled Trials/ (21235)  
 113 randomized controlled trial.pt. (81508)  
 114 Random Allocation/ (13999)  
 115 Double Blind Method/ (30048)  
 116 Single Blind Method/ (4960)  
 117 clinical trial.pt. (160855)  
 118 exp Clinical Trials/ (53501)  
 119 or/112-118 (228597)  
 120 (clinic adj trial\$1).tw. (24)  
 121 ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. (27727)  
 122 PLACEBOS/ (5090)  
 123 placebo\$.tw. (35050)  
 124 randomly allocated.tw. (3369)  
 125 (allocated adj2 random).tw. (131)  
 126 or/120-125 (48513)  
 127 119 or 126 (236111)  
 128 case report.tw. (35284)  
 129 letter.pt. (184427)  
 130 historical article.pt. (43890)  
 131 review of reported cases.pt. (22658)  
 132 review, multicase.pt. (2855)  
 133 or/128-132 (280475)  
 134 127 not 133 (228064)  
 135 134 and 111 (1120)  
 136 from 135 keep 1-200 (200)

### 7. Subgroup 3 – Treatment

#### RCTs

A search was undertaken on 12<sup>th</sup> November 2003 for RCTs on the treatment of patients with head and neck cancers, concentrating on the hypopharynx, larynx, oropharynx and oral cavity. Sifting was conducted by Ailsa Stein.

Search strategy	Head and neck SG3 generic stem + SG3 stem + RCT filter
Databases	Medline, Embase, CINAHL, Cochrane Library
Year Range	1998 - 2003
Initial Search Results	2644
Pre-sifted Search results	322

#### Obs

The search for observational studies was conducted on 19<sup>th</sup> February 2004.

Search strategy	Head and neck SG3 generic stem + SG3 stem + Obs filter
Databases	Medline, Embase, CINAHL
Year Range	1998 - 2003
Initial Search Results	3846
Pre-sifted Search results	817

**MEDLINE < 1996 to October Week 5 2003 >**

1 "Head and Neck Neoplasms"/ (7363)  
2 exp Mouth Neoplasms/ (8723)  
3 Pharyngeal Neoplasms/ (878)  
4 Laryngeal Neoplasms/ (3688)  
5 Hypopharyngeal Neoplasms/ (553)  
6 exp Oropharyngeal Neoplasms/ (1013)  
7 exp Odontogenic Tumors/ (865)  
8 or/1-7 (20960)  
9 (cancer\$ or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adenocarcinoma\$ or  
metastasis or metastases or polyp or polyps).tw. (387868)  
10 (palate or palatal).tw. (5121)  
11 warthin.tw. (184)  
12 ("base of tongue" or (base adj3 tongue)).tw. (455)  
13 Mouth Mucosa/ (3979)  
14 ((oral or buccal or mouth or cheek\$) adj (mucosa or (mucous adj membrane\$))).tw. (2282)  
15 Mouth Floor/ (306)  
16 (mouth adj3 (bottom or floor)).tw. (475)  
17 retromolar.tw. (111)  
18 ("upper aerodigestive tract" or uadt).tw. (640)  
19 (upper adj (oesophagus or esophagus or oesophageal or esophageal)).tw. (390)  
20 or/10-19 (11738)  
21 9 and 20 (2975)  
22 head.tw. (43403)  
23 neck.tw. (27976)  
24 (mouth or "oral cavity").tw. (12225)  
25 tongue.tw. (5165)  
26 (larynx\$ or larynges or laryngeal or "vocal cord\$" or "vocal fold\$").tw. (10505)  
27 ((pyriform or piriform) adj fossa\$).tw. (49)  
28 (pharyngeal or pharynx\$ or pharynges or throat).tw. (7211)  
29 (hypopharyngeal or laryngopharyngeal or "laryngea pharyngis" or hypopharynx\$ or laryngopharynx\$ or  
hypopharynges or laryngopharynges).tw. (1347)  
30 (oropharyngeal or oropharynx\$ or oropharynges).tw. (2985)  
31 (tonsillar or tonsil\$1).tw. (2564)  
32 (gingival or gum\$).tw. (6158)  
33 or/22-32 (95821)  
34 9 and 33 (20000)  
35 8 or 20 or 34 (38570)  
36 exp Decision Making/ (21863)  
37 Decision Support Techniques/ (2629)  
38 Patient Care Planning/ (6661)  
39 decision\$.tw. (38435)  
40 decid\$.tw. (11857)  
41 choice\$.tw. (42942)  
42 "treatment plan\$".tw. (6241)  
43 "therap\$ plan\$".tw. (566)  
44 or/36-43 (113261)  
45 Organ Preservation/ (1843)  
46 Salvage Therapy/ (2589)  
47 "organ\$ conserv\$".tw. (123)

48 "organ\$ preserv\$.tw. (656)  
49 "conservative therap\$.tw. (1337)  
50 or/45-49 (6395)  
51 exp Lymph Node Excision/ (6981)  
52 exp lymph nodes/ (11961)  
53 lymphadenectomy.tw. (2569)  
54 "node negative".tw. (1420)  
55 "node positive".tw. (1264)  
56 ("lymph node" adj (excision or resection)).tw. (137)  
57 ((n0 or cn0 or n1 or n2 or n2a or n2b or n2c or n3) and neck).tw. (472)  
58 or/51-57 (19785)  
59 exp OTORHINOLARYNGOLOGIC SURGICAL PROCEDURES/ (10986)  
60 exp SURGERY/ (5240)  
61 exp SURGERY, ORAL/ (778)  
62 exp LASER SURGERY/ (10370)  
63 surg\$.tw. (241876)  
64 resect\$.tw. (47498)  
65 excis\$.tw. (26281)  
66 or/59-65 (289195)  
67 exp RECONSTRUCTIVE SURGICAL PROCEDURES/ (11254)  
68 reconstructi\$.tw. (28329)  
69 ((repair or reparative) adj surgery).tw. (135)  
70 exp Surgery, Plastic/ (2275)  
71 or/67-70 (36495)  
72 exp Drug Therapy/ (108387)  
73 exp Combined Modality Therapy/ (43919)  
74 exp Neoadjuvant Therapy/ (1337)  
75 exp Antineoplastic Combined Chemotherapy Protocols/ (23591)  
76 chemotherap\$.tw. (51941)  
77 chemoradio\$.tw. (1250)  
78 adjuvant.tw. (17960)  
79 neoadjuvant.tw. (2863)  
80 combined modalit\$.tw. (1082)  
81 (multi-modalit\$ or multimodalit\$).tw. (1413)  
82 ((sequential or concurrent) adj (treatment or therap\$ or cure\$)).tw. (837)  
83 concomitant.tw. (25847)  
84 synchronous.tw. (4320)  
85 exp RADIOTHERAPY/ (25388)  
86 exp Therapy, Computer-Assisted/ (5792)  
87 radiotherap\$.tw. (21911)  
88 radiation therap\$.tw. (10136)  
89 brachytherap\$.tw. (3088)  
90 or/72-89 (223668)  
91 exp Radiation Effects/ (4791)  
92 exp Radiation Injuries/ (8140)  
93 radiation.tw. (43193)  
94 or/91-93 (46565)  
95 exp Treatment Outcome/ (143302)  
96 exp "OUTCOME ASSESSMENT (HEALTH CARE)"/ (156685)

97 exp "OUTCOME AND PROCESS ASSESSMENT (HEALTH CARE)"/ (162200)  
 98 outcome measure\$.tw. (34164)  
 99 therap\$ outcome\$.tw. (1471)  
 100 treatment outcome\$.tw. (6088)  
 101 or/95-100 (191756)  
 102 exp Neoplasm Recurrence, Local/ (16275)  
 103 recurren\$.tw. (73305)  
 104 relaps\$.tw. (25384)  
 105 or/102-104 (99030)  
 106 44 or 50 or 58 or 66 or 71 or 90 or 94 or 101 or 105 (752856)  
 107 106 and 35 (20778)  
 108 limit 107 to yr = 1998-2003 (16084)  
 109 Randomized Controlled Trials/ (21140)  
 110 randomized controlled trial.pt. (81238)  
 111 Random Allocation/ (13948)  
 112 Double Blind Method/ (29967)  
 113 Single Blind Method/ (4940)  
 114 clinical trial.pt. (160373)  
 115 exp Clinical Trials/ (53299)  
 116 or/109-115 (227853)  
 117 (clinic adj trial\$1).tw. (24)  
 118 ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. (27651)  
 119 PLACEBOS/ (5077)  
 120 placebo\$.tw. (34946)  
 121 randomly allocated.tw. (3359)  
 122 (allocated adj2 random).tw. (131)  
 123 or/117-122 (48375)  
 124 116 or 123 (235343)  
 125 case report.tw. (35190)  
 126 letter.pt. (183905)  
 127 historical article.pt. (43781)  
 128 review of reported cases.pt. (22617)  
 129 review, multicase.pt. (2826)  
 130 or/125-129 (279696)  
 131 124 not 130 (227327)  
 132 131 and 108 (1620)  
 133 from 132 keep 1-200 (200)

#### **8. Subgroup 4 – Follow-up, rehabilitation and patient support**

##### **RCTs**

A search was undertaken on 22<sup>nd</sup> September 2003 for RCTs on the follow-up, rehabilitation and patient support of patients with head and neck cancers. KQ28 was searched for by it deals with the follow-up aspect.

Search strategy	Head and neck generic stem + SG4 stem + RCT filter
Databases	Medline, Embase, CINAHL, Cochrane Library
Year Range	1998 - 2003

Initial Search Results (excluding Q28)	399
Pre-sifted Search results (excluding Q28)	130
Initial Search Results (Q28)	1480
Pre-sifted Search results (Q28)	266

## Obs

The search for observational studies was conducted on 9<sup>th</sup> January 2004. Again KQ28 (follow-up) was searched for by itself.

Search strategy	Head and neck generic stem + SG4 stem + Obs filter
Databases	Medline, Embase, CINAHL
Year Range	1998 - 2003
Initial Search Results (excluding Q28)	815
Pre-sifted Search results (excluding Q28)	225
Initial Search Results (Q28)	4002
Pre-sifted Search results (Q28)	260

## Excluding KQ28

### MEDLINE <1996 to September Week 2 2003 >

- 1 "Head and Neck Neoplasms"/ (7219)
- 2 exp Mouth Neoplasms/ (8551)
- 3 exp Otorhinolaryngologic Neoplasms/ (12542)
- 4 exp CHOLESTEATOMA/ (746)
- 5 Paraganglioma, Extra-Adrenal/ (146)
- 6 exp Odontogenic Tumors/ (842)
- 7 Carcinoma, Mucoepidermoid/ (348)
- 8 Mucoepidermoid Tumor/ (13)
- 9 Esthesioneuroblastoma, Olfactory/ (136)
- 10 or/1-9 (28430)
- 11 (cancer\$ or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adenocarcinoma\$ or metastasis or metastases or polyp or polyps).tw. (379196)
- 12 (palate or palatal).tw. (5014)
- 13 warthin.tw. (183)
- 14 ("base of tongue" or (base adj3 tongue)).tw. (445)
- 15 Mouth Mucosa/ (3900)
- 16 ((oral or buccal or mouth or cheek\$) adj (mucosa or (mucous adj membrane\$))).tw. (2228)
- 17 Mouth Floor/ (302)
- 18 (mouth adj3 (bottom or floor)).tw. (467)
- 19 retromolar.tw. (110)
- 20 ((nose or nasal) adj cavity).tw. (1628)
- 21 RHINOSCLEROMA/ (38)
- 22 ("upper aerodigestive tract" or uadt).tw. (622)
- 23 (upper adj (oesophagus or esophagus or oesophageal or esophageal)).tw. (386)
- 24 "post cricoid".tw. (14)
- 25 or/12-24 (13074)
- 26 11 and 25 (3450)

27 head.tw. (42561)  
 28 neck.tw. (27320)  
 29 ear.tw. (12331)  
 30 (mouth or "oral cavity").tw. (11962)  
 31 (lip or lips).tw. (5074)  
 32 parotid.tw. (3051)  
 33 "salivary gland\$.tw. (4936)  
 34 tongue.tw. (5046)  
 35 (nose or nasal or paranasal).tw. (19956)  
 36 (larynx\$ or larynges or laryngeal or "vocal cord\$" or "vocal fold\$").tw. (10259)  
 37 ((pyriform or piriform) adj fossa\$).tw. (49)  
 38 (pharyngeal or pharynx\$ or pharynges or throat).tw. (7050)  
 39 (hypopharyngeal or laryngopharyngeal or "laryngea pharyngis" or hypopharynx\$ or laryngopharynx\$ or hypopharynges or laryngopharynges).tw. (1314)  
 40 (nasopharyngeal or nasopharynx\$ or nasopharynges).tw. (4299)  
 41 (oropharyngeal or oropharynx\$ or oropharynges).tw. (2919)  
 42 (tonsillar or tonsil\$1).tw. (2515)  
 43 (gingival or gum\$).tw. (6035)  
 44 or/27-43 (132589)  
 45 11 and 44 (26353)  
 46 10 or 26 or 45 (39031)  
 47 exp Dental Care/ (4513)  
 48 (dental adj (care or support or treatment)).tw. (2298)  
 49 exp Mouth Rehabilitation/ (114)  
 50 exp Dental Health Services/ (5137)  
 51 or/47-50 (6254)  
 52 exp "rehabilitation of speech and language disorders"/ (1067)  
 53 ((speech or language or voice) adj (therap\$ or rehabilitation or reeducation or train\$)).tw. (851)  
 54 exp Larynx, Artificial/ (229)  
 55 ((voice or larynx\$) adj3 (prosthe\$ or artificial or implant\$)).tw. (222)  
 56 (communication adj2 (device\$ or skill\$ or technique\$)).tw. (1431)  
 57 (dysphagia or dysphonia).tw. (4205)  
 58 Deglutition Disorders/ (2742)  
 59 Voice Disorders/ (1061)  
 60 or/52-59 (8852)  
 61 (psychosocial or (psycho adj social)).tw. (11785)  
 62 exp Social Support/ (10144)  
 63 social support\$.tw. (4242)  
 64 psychological support\$.tw. (412)  
 65 exp Self-Help Groups/ (1895)  
 66 exp Community Networks/ (1606)  
 67 ((community or social or self-help) adj2 (network\$ or group\$)).tw. (3760)  
 68 clinical nurse specialist\$.tw. (468)  
 69 exp Nurse Clinicians/ (2431)  
 70 exp Nurse Practitioners/ (4358)  
 71 exp Oncologic Nursing/ (1847)  
 72 exp Nursing Care/ (24261)  
 73 exp Nursing Assessment/ (7955)  
 74 exp Patient Care Team/ (13009)

75 ((multi-disciplin\$ or multidisciplin\$ or inter-professional) adj (team\$ or work\$)).tw. (1556)  
76 macmillan nurs\$.tw. (24)  
77 cancer support nurs\$.tw. (2)  
78 counsel\$.tw. (12613)  
79 \*Counseling/ (2044)  
80 (pastoral adj (care or psychology)).tw. (115)  
81 \*pastoral care/ (694)  
82 exp emotions/ (24487)  
83 (emotion\$ adj2 (need\$ or requirement\$)).tw. (325)  
84 \*adaptation, psychological/ (6682)  
85 psychosocial support.tw. (343)  
86 decision making/ (13235)  
87 anxiety/ (7209)  
88 (fear or anxiety).tw. (23676)  
89 (cope or coping).tw. (9212)  
90 exp Hospice Care/ (1346)  
91 exp HOSPICES/ (656)  
92 exp Community Health Nursing/ (4755)  
93 hospice\$.tw. (1661)  
94 or/61-93 (142107)  
95 (percutaneous endoscopic gastostomy or peg).tw. (3540)  
96 exp Enteral Nutrition/ (3296)  
97 (tube\$ adj2 feed\$).tw. (1153)  
98 NUTRITION/ (4811)  
99 diet therapy/ (461)  
100 nutrition\$.tw. (28859)  
101 or/95-100 (36114)  
102 patient information.tw. (1121)  
103 Physician-Patient Relations/ (11937)  
104 Professional-Patient Relations/ (3303)  
105 Nurse-Patient Relations/ (5741)  
106 Professional-Family Relations/ (2284)  
107 Patient Education/ (16331)  
108 "breaking bad news".tw. (97)  
109 information needs.tw. (597)  
110 information resources.tw. (338)  
111 patient literature.tw. (52)  
112 leaflet\$.tw. (2961)  
113 sheet\$.tw. (8467)  
114 booklet\$.tw. (468)  
115 Tape Recording/ (335)  
116 (tape\$ or video\$).tw. (21726)  
117 pamphlet\$.tw. (248)  
118 exp PAMPHLETS/ (613)  
119 exp Truth Disclosure/ (3579)  
120 exp Information Services/ (228995)  
121 verbal information.tw. (168)  
122 exp INTERNET/ (12113)  
123 exp Mass Media/ (2219)

124 or/102-123 (309384)  
 125 51 or 60 or 94 or 101 or 124 (477914)  
 126 46 and 125 (3017)  
 127 limit 126 to yr= 1998-2003 (2265)  
 128 Randomized Controlled Trials/ (20442)  
 129 randomized controlled trial.pt. (79620)  
 130 Random Allocation/ (13645)  
 131 Double Blind Method/ (29437)  
 132 Single Blind Method/ (4830)  
 133 clinical trial.pt. (157189)  
 134 exp Clinical Trials/ (51754)  
 135 or/128-134 (222807)  
 136 (clinic adj trial\$1).tw. (24)  
 137 ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. (27113)  
 138 PLACEBOS/ (4991)  
 139 placebo\$.tw. (34238)  
 140 randomly allocated.tw. (3296)  
 141 (allocated adj2 random).tw. (129)  
 142 or/136-141 (47387)  
 143 135 or 142 (230139)  
 144 case report.tw. (34390)  
 145 letter.pt. (180223)  
 146 historical article.pt. (42805)  
 147 review of reported cases.pt. (22240)  
 148 review, multicase.pt. (2744)  
 149 or/144-148 (273977)  
 150 143 not 149 (222291)  
 151 150 and 127 (158)

## KQ28

### MEDLINE <1996 to September Week 2 2003 >

1 "Head and Neck Neoplasms"/ (7219)  
 2 exp Mouth Neoplasms/ (8551)  
 3 exp Otorhinolaryngologic Neoplasms/ (12542)  
 4 exp CHOLESTEATOMA/ (746)  
 5 Paraganglioma, Extra-Adrenal/ (146)  
 6 exp Odontogenic Tumors/ (842)  
 7 Carcinoma, Mucoepidermoid/ (348)  
 8 Mucoepidermoid Tumor/ (13)  
 9 Esthesioneuroblastoma, Olfactory/ (136)  
 10 or/1-9 (28430)  
 11 (cancer\$ or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adenocarcinoma\$ or metastasis or metastases or polyp or polyps).tw. (379196)  
 12 (palate or palatal).tw. (5014)  
 13 warthin.tw. (183)  
 14 ("base of tongue" or (base adj3 tongue)).tw. (445)  
 15 Mouth Mucosa/ (3900)  
 16 ((oral or buccal or mouth or cheek\$) adj (mucosa or (mucous adj membrane\$))).tw. (2228)

17 Mouth Floor/ (302)  
18 (mouth adj3 (bottom or floor)).tw. (467)  
19 retromolar.tw. (110)  
20 ((nose or nasal) adj cavity).tw. (1628)  
21 RHINOSCLEROMA/ (38)  
22 ("upper aerodigestive tract" or uadt).tw. (622)  
23 (upper adj (oesophagus or esophagus or oesophageal or esophageal)).tw. (386)  
24 "post cricoid".tw. (14)  
25 or/12-24 (13074)  
26 11 and 25 (3450)  
27 head.tw. (42561)  
28 neck.tw. (27320)  
29 ear.tw. (12331)  
30 (mouth or "oral cavity").tw. (11962)  
31 (lip or lips).tw. (5074)  
32 parotid.tw. (3051)  
33 "salivary gland\$.tw. (4936)  
34 tongue.tw. (5046)  
35 (nose or nasal or paranasal).tw. (19956)  
36 (larynx\$ or larynges or laryngeal or "vocal cord\$" or "vocal fold\$").tw. (10259)  
37 ((pyriform or piriform) adj fossa\$.tw. (49)  
38 (pharyngeal or pharynx\$ or pharynges or throat).tw. (7050)  
39 (hypopharyngeal or laryngopharyngeal or "laryngea pharyngis" or hypopharynx\$ or laryngopharynx\$ or hypopharynges or laryngopharynges).tw. (1314)  
40 (nasopharyngeal or nasopharynx\$ or nasopharynges).tw. (4299)  
41 (oropharyngeal or oropharynx\$ or oropharynges).tw. (2919)  
42 (tonsillar or tonsil\$1).tw. (2515)  
43 (gingival or gum\$.tw. (6035)  
44 or/27-43 (132589)  
45 11 and 44 (26353)  
46 10 or 26 or 45 (39031)  
47 exp AFTERCARE/ (1281)  
48 exp Quality of Life/ (23153)  
49 ("quality of life" or qol).tw. (25306)  
50 (aftercare or "after care").tw. (166639)  
51 patient support.tw. (178)  
52 exp Neoplasm Recurrence, Local/ (15858)  
53 exp Continuity of Patient Care/ (3133)  
54 exp Postoperative Care/ (7324)  
55 (follow-up or followup).tw. (135255)  
56 surveillance.tw. (18289)  
57 SURVIVAL/ (793)  
58 exp Survival Analysis/ (35796)  
59 exp Postoperative Period/ (7861)  
60 exp Palliative Care/ (8763)  
61 exp RECURRENCE/ (34506)  
62 relapse.tw. (16478)  
63 REHABILITATION/ (1599)  
64 disease free survival.tw. (5015)

65 or/47-64 (409197)  
66 65 and 46 (9576)  
67 limit 66 to yr= 1998-2003 (7439)  
68 Randomized Controlled Trials/ (20442)  
69 randomized controlled trial.pt. (79620)  
70 Random Allocation/ (13645)  
71 Double Blind Method/ (29437)  
72 Single Blind Method/ (4830)  
73 clinical trial.pt. (157189)  
74 exp Clinical Trials/ (51754)  
75 or/68-74 (222807)  
76 (clinic adj trial\$1).tw. (24)  
77 ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw. (27113)  
78 PLACEBOS/ (4991)  
79 placebo\$.tw. (34238)  
80 randomly allocated.tw. (3296)  
81 (allocated adj2 random).tw. (129)  
82 or/76-81 (47387)  
83 75 or 82 (230139)  
84 case report.tw. (34390)  
85 letter.pt. (180223)  
86 historical article.pt. (42805)  
87 review of reported cases.pt. (22240)  
88 review, multicase.pt. (2744)  
89 or/84-88 (273977)  
90 83 not 89 (222291)  
91 90 and 67 (783)