

Search Strategies

Chapter 1: Information and support

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: What are the specific information and support needs reported by patients with cancer of the upper aerodigestive tract and their carers?

Question no: Topic A

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	7647	397	07/03/2014
<i>Premedline</i>	Mar 7, 2014	379	28	10/03/2014
<i>Embase</i>	1974 -	8886	560	12/03/2014
<i>Cochrane Library</i>	As per database	485	44	10/03/2014
<i>Web of Science (SCI, SSCI and ISI Proceedings)</i>	1970 -	7654	331	18/03/2014
<i>AMED</i>	1985 -	70	21	10/03/2014
<i>Psycinfo</i>	1806 -	195	82	10/03/2014
<i>Cinahl</i>	1937 -	162	91	18/03/2014

Total References retrieved (after de-duplication): 880

Medline search strategy (*This search strategy is adapted to each database.*)

- "head and neck neoplasms"/ or facial neoplasms/ or mouth neoplasms/ or otorhinolaryngologic neoplasms/
- ((("upper respiratory tract" or "upper airway* tract" or "upper aerodigestive tract" or "head and neck" or UAT or UADT or head or neck) adj3 (cancer* or neoplasm* or carcinoma* or tumor* or adenocarcinoma* or oncolog* or malignan* or lymphoma* or melanoma* or squamous)).ti.
- exp Mouth Neoplasms/
- ((oral or intra-oral or intraoral or mouth or lip* or tongue or cheek* or cheek lin* or gingiv* or gum* or palat* or "roof of mouth" or odontogenic or teeth or tooth or buccal or buccal mucosa or face or facial or maxilla*) adj3 (cancer* or neoplasm* or carcinoma* or tumor* or adenocarcinoma* or oncolog* or malignan* or lymphoma* or melanoma* or squamous)).ti.
- exp Lip Neoplasms/
- exp Gingival Neoplasms/
- exp Palatal Neoplasms/
- exp Tongue Neoplasms/
- exp Tonsillar Neoplasms/
- exp Mandibular Neoplasms/
- exp Maxillary Neoplasms/
- exp Odontogenic Tumors/
- exp Oropharyngeal Neoplasms/
- ((oropharyn* or tonsil* or retromolar*) adj3 (cancer* or neoplasm* or carcinoma* or tumor* or adenocarcinoma* or oncolog* or malignan* or lymphoma* or melanoma* or squamous)).tw.
- exp Pharyngeal Neoplasms/
- ((pharyn* or throat) adj3 (cancer* or neoplasm* or carcinoma* or tumor* or adenocarcinoma* or oncolog* or malignan*

- or lymphoma* or melanoma* or squamous)).tw.
17. exp Nasopharyngeal Neoplasms/
 18. (nasopharynx* adj3 (cancer* or neoplasm* or carcinoma* or tumor?* or adenocarcinoma* or oncology* or malignant* or lymphoma* or melanoma* or squamous)).tw.
 19. exp Hypopharyngeal Neoplasms/
 20. ((hypopharynx* or laryngopharynx*) adj3 (cancer* or neoplasm* or carcinoma* or tumor?* or adenocarcinoma* or oncology* or malignant* or lymphoma* or melanoma* or squamous)).tw.
 21. exp Laryngeal Neoplasms/
 22. ((larynx* or glottis* or epiglottis* or subglottis* or supraglottis* or vocal cord* or vocal fold* or voice box* or cordal) adj3 (cancer* or neoplasm* or carcinoma* or tumor?* or adenocarcinoma* or oncology* or malignant* or lymphoma* or melanoma* or squamous)).tw.
 23. exp Paranasal Sinus Neoplasms/
 24. ((nasal* or nose* or paranasal* or nasosinus* or sinonasal* or ((nasal* or frontal or ethmoidal or spheroid or maxillary) adj sinus*)) adj3 (cancer* or neoplasm* or carcinoma* or tumor?* or adenocarcinoma* or oncology* or malignant* or lymphoma* or melanoma* or squamous)).tw.
 25. or/1-24
 26. Choice Behavior/
 27. Decision Making/
 28. exp Decision Support Techniques/
 29. (decision* adj3 (aid* or support*)).tw.
 30. ((patient* or consumer*) adj3 (decision* or choice* or preference* or participation*)).tw.
 31. ((personal or interpersonal or individual) adj3 (decision* or choice* or preference* or participation*)).tw.
 32. Pamphlets/
 33. pamphlet*.tw.
 34. (leaflet* or diary or diaries or booklet* or guidebook* or sheet* or flyer* or flier*).tw.
 35. (prompt* or coach*).tw.
 36. (checklist* or check list*).tw.
 37. (written or write).tw.
 38. question*.tw.
 39. (card* or helpcard*).tw.
 40. (video* or tape* or cd* or film* or dvd* or telephone* or phone* or computer* or internet or electronic).tw.
 41. exp Audiovisual Aids/
 42. exp Internet/
 43. Communication/
 44. communication*.tw.
 45. (information adj3 need*).tw.
 46. information material*.tw.
 47. (patient* adj3 information).tw.
 48. (information adj3 web*).tw.
 49. (information adj3 print*).tw.
 50. (information adj3 electronic*).tw.
 51. ((inform* or support*) adj2 (tool* or method* or group*)).tw.
 52. exp Self-Help Groups/
 53. (support* adj2 (group* or meet*)).tw.
 54. exp Patient Education/mt [Methods]
 55. ((patient* or care*) adj pathway*).tw.
 56. information deliver*.tw.
 57. interactive session*.tw.
 58. (face* adj face*).tw.
 59. or/26-58
 60. 25 and 59

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers.

3. Any further comments

Basic exclusions filter only and no date limits applied. Any possibly relevant material selected.

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: Does smoking cessation affect outcomes for people with (undergoing treatment or post treatment) cancer of the upper aerodigestive tract?

Question no: Topic P

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946-Current	1708	163	14/01/2014
<i>Premedline</i>	As per database	86	6	14/01/2014
<i>Embase</i>	1974-Current	2515	285	20/01/2014
<i>Cochrane Library</i>	As per database	258	8	21/01/2014
<i>Psychinfo</i>	1806-Current	75	23	20/01/2014
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>	As per database	2182	178	23/01/2014

Total References retrieved (after de-duplication): 409

Medline search strategy (*This search strategy is adapted to each database.*)

1. (("head and neck" or "upper aero-digestive" or "upper aerodigestive" or "upper airway*" or "upper respiratory" or UAT or UADT) adj3 (cancer* or tumo?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.

2. exp Mouth Neoplasms/

3. exp Lip Neoplasms/

4. exp Gingival Neoplasms/

5. exp Palatal Neoplasms/

6. exp Tongue Neoplasms/

7. exp Tonsillar Neoplasms/

8. exp Maxillary Neoplasms/

9. ((mouth or oral or intra-oral or intraoral or oral mucos* or lip* or tongue or cheek* or gingiva* or gum* or palat* or buccal or buccal mucosa* or maxilla* or tonsil* or mandib*) adj3 (cancer* or tumo?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.

10. exp Oropharyngeal Neoplasms/

11. ((oropharyn* or retromolar trigone) adj3 (cancer* or tumo?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.

12. exp Pharyngeal Neoplasms/

13. exp Tracheal Neoplasms/

14. ((pharyn* or throat or trachea* or paratrachea* or windpipe*) adj3 (cancer* or tumo?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.

15. exp Nasopharyngeal Neoplasms/
16. (nasopharyn* adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
17. exp Hypopharyngeal Neoplasms/
18. ((hypopharyn* or laryngopharyn*) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
19. exp Laryngeal Neoplasms/
20. ((laryng* or glotti* or epiglotti* or subglotti* or supraglotti* or vocal cord* or vocal fold* or voice box* or cordal) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
21. exp Paranasal Sinus Neoplasms/
22. ((paranasal* or nasal* or nasosinus* or sinonasal* or ((nasal* or frontal or ethmoidal or spheroid or maxilla*) adj sinus*)) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma or plasmacytoma* or neuroendocrine or neuroblastoma* or esthesioneuroblastoma*)).tw.
23. exp Carcinoma, Squamous Cell/
24. (oesophag* or esophag* or lung*).tw.
25. 23 not 24
26. or/1-22
27. 25 or 26
28. exp Smoking Cessation/
29. exp "Tobacco Use Cessation"/
30. exp Smoking/pc, th [Prevention & Control, Therapy]
31. (smoking adj (cessation or ceas* or intervention or withdrawal or quit* or stop*)).tw.
32. Tobacco/ or exp "Tobacco Use Disorder"/
33. or/28-32
34. 27 and 33
35. smok*.m_titl.
36. 27 and 35
37. 34 or 36

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers.

3. Update Searches

For the update searches, the same search criteria/filters were applied as the initial search with a date limit of January 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	120	11	04/06/2015
<i>Premedline</i>	88	10	04/06/2015
<i>Embase</i>	147	22	05/06/2015
<i>Cochrane Library</i>	15	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	124	8	11/06/2015
<i>PsycInfo</i>	13	0	12/06/2015
1 additional reference identified in a high level search of Pubmed 15/06/2015			

Total References retrieved (after de-duplication): 38

Chapter 2: Investigation

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: What is the most effective configuration of tests within a rapid access clinic for assessing neck lumps suspected of being cancer of the upper aerodigestive tract?

Question no: Topic B

1. Literature search details

Database name	Dates Covered	No of references found	Finish date of search
<i>Medline</i>	1990- April 2014	1102	11.04.14
<i>Medline in process</i>	16.04.14	43	16.04.14
<i>Embase</i>	1990- April 2014	2472	16.04.14
<i>Cochrane Library</i>	1990-April 2014	119	15.04.14
<i>Web of Science (SCI, SSCI & ISI Proceedings)</i>	1990-April 2014	997	16.04.14

Total References retrieved (after de-duplication): 3497

Medline search strategy (*This search strategy is adapted to each database.*)

1. exp "Head and Neck Neoplasms"/

2. (("head and neck" or "upper aero-digestive" or "upper aerodigestive" or "upper airway*" or "upper respiratory" or UAT or UADT) adj3 (cancer* or tumor?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.

3. exp Mouth Neoplasms/

4. exp Lip Neoplasms/

5. exp Gingival Neoplasms/

6. exp Palatal Neoplasms/

7. exp Tongue Neoplasms/

8. exp Tonsillar Neoplasms/

9. exp Maxillary Neoplasms/

10. ((mouth or oral or intra-oral or intraoral or oral mucos* or lip* or tongue or cheek* or gingiva* or gum* or palat* or buccal or buccal mucosa* or maxilla* or tonsil*) adj3 (cancer* or tumor?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.

11. exp Oropharyngeal Neoplasms/

12. ((oropharyn* or retromolar trigone) adj3 (cancer* or tumor?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.

13. exp Pharyngeal Neoplasms/

14. exp Tracheal Neoplasms/

15. ((pharyn* or throat or trachea* or paratrachea* or windpipe*) adj3 (cancer* or tumor?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.

16. exp Nasopharyngeal Neoplasms/

17. (nasopharyn* adj3 (cancer* or tumor?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.

18. exp Hypopharyngeal Neoplasms/

19. ((hypopharyn* or laryngopharyn*) adj3 (cancer* or tumor?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.

20. exp Laryngeal Neoplasms/

21. ((laryng* or glotti* or epiglotti* or subglotti* or supraglotti* or vocal cord* or vocal fold* or voice box* or cordal) adj3 (cancer* or tumor?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.

22. exp Paranasal Sinus Neoplasms/

23. ((paranasal* or nasal* or nasosinus* or sinonasal* or ((nasal* or frontal or ethmoidal or spheroid or maxilla*) adj sinus*)) adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma or plasmacytoma* or neuroendocrine or neuroblastoma* or esthesioneuroblastoma*)).tw.
24. or/1-22
25. (neck adj3 (lump* or mass* or bump* or lesion* or metasta*)).tw.
26. exp Neck/
27. exp Neoplasms/
28. exp Neoplasm Metastasis/
29. 27 or 28
30. 26 and 29
31. 25 or 30
32. 24 and 31
33. exp Biopsy, Fine-Needle/
34. (fine needle aspiration cytology or FNAC).tw.
35. exp Endoscopic Ultrasound-Guided Fine Needle Aspiration/
36. ultrasound*.tw.
37. exp Biopsy/
38. biops*.tw.
39. nasendoscop*.tw.
40. exp Esophagoscopy/
41. oesophagoscop*.tw.
42. exp Magnetic Resonance Imaging/
43. (magnetic resonance imag* or MRI).tw.
44. exp Tomography, X-Ray Computed/
45. (CT or CT scan* or comput* tomograph*).tw.
46. or/33-45
47. 32 and 46
48. letter.pt.
49. Letter/
50. letter\$/
51. editorial.pt.
52. historical article.pt.
53. anecdote.pt.
54. commentary.pt.
55. note.pt.
56. Case Report/
57. case report\$.pt.
58. Case Study/
59. case study.pt.
60. exp animal/ not human/
61. Nonhuman/
62. exp animal experiment/
63. exp Experimental Animal/
64. exp animal model/
65. exp rodent/
66. exp rodentia/
67. Animals, Laboratory/
68. exp rodent/
69. or/48-68
70. 47 not 69

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers

3. Update Searches

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	177	19	01/06/2015
<i>Premedline</i>	7	1	01/06/2015
<i>Embase</i>	468	5	05/06/2015
<i>Cochrane Library</i>	3	0	08/06/2015
<i>Web of Science (SCI, SSCI & ISI Proceedings)</i>	538	25	09/06/2015
<i>Pubmed</i>	124	5	05/06/2015
Total References retrieved (after de-duplication): 53			

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline Literature search summary

Question title: What is the most effective investigative pathway for identifying the occult primary site in patients presenting with metastatic neck disease (squamous cell carcinoma)?

Question no: Topic C1

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1995-Current	1427	270	05/03/2014
<i>Premedline</i>	1995-Current	124	8	05/03/2014
<i>Embase</i>	1995-Current	2635	176	10/03/2014
<i>Cochrane Library</i>	1995-Current	38	1	05/03/2014
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>	1995-Current	825	200	11/03/2014

Total References retrieved (after de-duplication): 556

Medline search strategy (*This search strategy is adapted to each database.*)

1. exp "Head and Neck Neoplasms"/
2. (("head and neck" or "upper aero-digestive" or "upper aerodigestive" or "upper airway*" or "upper respiratory" or UAT or UADT) adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
3. exp Mouth Neoplasms/
4. exp Lip Neoplasms/
5. exp Gingival Neoplasms/
6. exp Palatal Neoplasms/
7. exp Tongue Neoplasms/
8. exp Tonsillar Neoplasms/
9. exp Maxillary Neoplasms/
10. ((mouth or oral or intra-oral or intraoral or oral mucos* or lip* or tongue or cheek* or gingiva* or gum* or palat* or buccal or buccal mucosa* or maxilla* or tonsil*) adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
11. exp Oropharyngeal Neoplasms/
12. ((oropharyn* or retromolar trigone) adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
13. exp Pharyngeal Neoplasms/
14. exp Tracheal Neoplasms/
15. ((pharyn* or throat or trachea* or paratrachea* or windpipe*) adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
16. exp Nasopharyngeal Neoplasms/

17. (nasopharynx* adj3 (cancer* or tumor* or neoplasm* or malignant* or carcinoma* or metastasis* or adenocarcinoma* or oncology* or melanoma or squamous or teratoma or lymphoma)).tw.

18. exp Hypopharyngeal Neoplasms/

19. ((hypopharynx* or laryngopharynx*) adj3 (cancer* or tumor* or neoplasm* or malignant* or carcinoma* or metastasis* or adenocarcinoma* or oncology* or melanoma or squamous or teratoma or lymphoma)).tw.

20. exp Laryngeal Neoplasms/

21. ((larynx* or glottis* or epiglottis* or subglottis* or supraglottis* or vocal cord* or vocal fold* or voice box* or cordal) adj3 (cancer* or tumor* or neoplasm* or malignant* or carcinoma* or metastasis* or adenocarcinoma* or oncology* or melanoma or squamous or teratoma or lymphoma)).tw.

22. exp Paranasal Sinus Neoplasms/

23. ((paranasal* or nasal* or nasosinus* or sinonasal* or ((nasal* or frontal or ethmoidal or spheroid or maxilla*) adj sinus*)) adj3 (cancer* or tumor* or neoplasm* or malignant* or carcinoma* or metastasis* or adenocarcinoma* or oncology* or melanoma or squamous or teratoma or lymphoma or plasmacytoma* or neuroendocrine or neuroblastoma* or esthesioneuroblastoma*)).tw.

24. exp Carcinoma, Squamous Cell/di [Diagnosis]

25. exp Lymph Nodes/di, su [Diagnosis, Surgery]

26. exp Lymphatic Metastasis/di, pa [Diagnosis, Pathology]

27. Neoplasms, Unknown Primary/di [Diagnosis]

28. or/1-27

29. exp Tomography, X-Ray Computed/

30. exp Diagnostic Imaging/

31. CT*.tw.

32. (ct adj scan*).tw.

33. exp Magnetic Resonance Imaging/

34. MRI*.tw.

35. magnetic resonance imag*.tw.

36. exp Positron-Emission Tomography/

37. (PET CT or PET-CT or PETCT).tw.

38. PET.tw.

39. panendoscopy.tw.

40. exp Biopsy/

41. biops*.tw.

42. exp Tonsillectomy/

43. tonsillectomy*.tw.

44. (transoral robotic surgery or TORS).tw.

45. (transoral laser microsurgery or TLM).tw.

46. exp Robotics/

47. exp Narrow Band Imaging/

48. narrow band imaging.tw.

49. nasendoscopy.tw.

50. or/29-49

51. exam*.tw.

52. exp Anesthesia, General/

53. an?esthe*.tw.

54. 52 or 53

55. 51 and 54

56. 50 or 55

57. (neck adj3 (lump* or mass* or bump* or lesion* or metastasis*)).tw.

58. exp Neck/

59. exp Neoplasms/

60. exp Neoplasm Metastasis/

61. 59 or 60

62. 58 and 61

63. 57 or 62

64. 28 and 63

65. 64 and 56

66. limit 65 to yr="1995 -Current"

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers.

3. Update Searches

For the update search, the same search criteria/filters were applied as initial search with a date limit of March 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	201	28	05/06/2015
<i>Premedline</i>	47	6	05/06/2015
<i>Embase</i>	427	20	05/06/2015
<i>Cochrane Library</i>	2	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	248	45	09/06/2015

Total References retrieved (after de-duplication): 87

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: Which patients with cancer of the upper aerodigestive tract require systemic staging

Question no: Topic C2

1. Literature search details

Database name	Dates Covered	No of references found	Finish date of search
<i>Medline</i>	1946-Jan 2015	3274	28/01/2015
<i>Premedline</i>	27 Jan 2015	148	28/01/2015
<i>Embase</i>	1948 – Jan 2015	3694	28/01/2015
<i>Cochrane Library</i>	Issue 2, Feb 2015	294	02/02/2015
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>	1900-2015	2454	02/02/2015

Total References retrieved (after databases combined, de-duplicated and sifted): 1931

Medline search strategy (*This search strategy is adapted to each database.*)

1. exp "Head and Neck Neoplasms"/
2. (("head and neck" adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)) or (("upper aerodigestive" or "upper airway*" or "upper respiratory" or UAT or UADT) adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma))).tw.
3. exp mouth neoplasms/
4. exp lip neoplasms/
5. exp gingival neoplasms/
6. exp palatal neoplasms/
7. exp tongue neoplasms/
8. exp tonsillar neoplasms/
9. exp maxillary neoplasms/
10. ((mouth or oral or intra-oral or intraoral or oral mucos* or lip* or tongue or cheek* or gingiva* or gum* or palat* or buccal or buccal mucosa* or maxilla* or tonsil*) adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.

11. exp oropharyngeal neoplasms/
12. ((oropharyn* or retromolar trigone) adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
13. exp pharyngeal neoplasms/
14. exp tracheal neoplasms/
15. ((pharyn* or throat or trachea* or paratrachea* or windpipe*) adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
16. exp nasopharyngeal neoplasms/
17. (nasopharyn* adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
18. exp hypopharyngeal neoplasms/
19. ((hypopharyn* or laryngopharyn*) adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
20. exp laryngeal neoplasms/
21. ((laryng* or glotti* or epiglotti* or subglotti* or supraglotti* or vocal cord* or vocal fold* or voice box* or cordal) adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
22. exp paranasal sinus neoplasms/
23. ((paranasal* or nasal* or nasosinus* or sinonasal* or ((nasal* or frontal or ethmoidal or spheroid or maxilla*) adj sinus*)) adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma or plasmacytoma* or neuroendocrine or neuroblastoma* or esthesioneuroblastoma*)).tw.
24. or/1-23
25. Tomography, Emission-computed/
26. Tomography, X-Ray Computed/
27. Tomography, Spiral Computed/
28. ((CT or CTS or CAT) adj (scan* or imag*)).tw.
29. comput* tomograph*.tw.
30. exp Positron-Emission Tomography/
31. ((positron emission or computed or computerised or computerized) and tomography*).tw.
32. (PET CT or PET-CT or PETCT).tw.
33. PET.tw.
34. Fluorodeoxyglucose F18/
35. F18.tw.
36. Fluorodeoxyglucose.tw.
37. FDG.tw.
38. Magnetic Resonance Imaging/
39. (Magnetic resonance imaging or MRI).tw.
40. (MR* adj (scan* or imag*)).tw.
41. Diagnostic Imaging/
42. (diagnos* adj (imag* or scan*)).tw.
43. or/25-42
44. 24 and 43
45. Neoplasm Staging/
46. (staging or stage or stages or staged or restaging or restaged or upstaging or upstaged or downstaging or downstaged or classific*).tw.
47. 45 or 46
48. 44 and 47

Notes

A general exclusions filter was applied.

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers.

3. Update Search

For the update search, the same search criteria/filters were applied as the initial search with a date limit of January 2015 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	69	2	05/06/2015
<i>Premedline</i>	5	3	05/06/2015
<i>Embase</i>	36	2	05/06/2015
<i>Cochrane Library</i>	16	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	80	5	09/06/2015
1 additional reference identified in a high level search of Pubmed 15/06/2015			

Total References retrieved (after de-duplication): 13

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline Literature search summary

Question title: What is the most effective systemic imaging strategy for investigating cancer of the upper aerodigestive tract?

Question no: Topic C3

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 to current	1900	229	25/02/2015
<i>Premedline</i>	Feb 24 2015	20	10	25/02/2015
<i>Embase</i>	1948 to current	179	49	02/03/2015
<i>Cochrane Library</i>	Issue 3, 2015	345	22	02/03/2015
<i>Web of Science (SCI) and ISI Proceedings</i>	1900-2015	244	52	03/03/2015

Total References retrieved (after de-duplication): 273

Medline search strategy (*This search strategy is adapted to each database.*)

1. exp "Head and Neck Neoplasms"/
2. (("head and neck" adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)) or (("upper aerodigestive" or "upper airway*" or "upper respiratory" or UAT or UADT) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma))).tw.
3. exp mouth neoplasms/
4. exp lip neoplasms/
5. exp gingival neoplasms/
6. exp palatal neoplasms/
7. exp tongue neoplasms/
8. exp tonsillar neoplasms/
9. exp maxillary neoplasms/
10. ((mouth or oral or intra-oral or intraoral or oral mucos* or lip* or tongue or cheek* or gingiva* or gum* or palat* or buccal or buccal mucosa* or maxilla* or tonsil*) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
11. exp oropharyngeal neoplasms/
12. ((oropharyn* or retromolar trigone) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
13. exp pharyngeal neoplasms/
14. exp tracheal neoplasms/

15. ((pharyn* or throat or trachea* or paratrachea* or windpipe*) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
16. exp nasopharyngeal neoplasms/
17. (nasopharyn* adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
18. exp hypopharyngeal neoplasms/
19. ((hypopharyn* or laryngopharyn*) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
20. exp laryngeal neoplasms/
21. ((laryng* or glotti* or epiglotti* or subglotti* or supraglotti* or vocal cord* or vocal fold* or voice box* or cordal) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
22. exp paranasal sinus neoplasms/
23. ((paranasal* or nasal* or nasosinus* or sinonasal* or ((nasal* or frontal or ethmoidal or spheroid or maxilla*) adj sinus*)) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma or plasmacytoma* or neuroendocrine or neuroblastoma* or esthesioneuroblastoma*)).tw.
24. or/1-23
25. Tomography, Emission-computed/
26. Tomography, X-Ray Computed/
27. Tomography, Spiral Computed/
28. ((CT or CTS or CAT) adj (scan* or imag*)).tw.
29. comput* tomograph*.tw.
30. exp Positron-Emission Tomography/
31. ((positron emission or computed or computerised or computerized) and tomography*).tw.
32. (PET CT or PET-CT or PETCT).tw.
33. PET.tw.
34. Fluorodeoxyglucose F18/
35. F18.tw.
36. Fluorodeoxyglucose.tw.
37. FDG.tw.
38. Magnetic Resonance Imaging/
39. (Magnetic resonance imaging or MRI).tw.
40. (MR* adj (scan* or imag*)).tw.
41. exp Ultrasonography/
42. (ultraso* or sonogra*).tw.
43. (chest* adj2 (x-ray or xray or radiogra*)).tw.
44. CXR.tw.
45. (bone* adj3 (scan* or scintigraph* or scintiscan*)).tw.
46. Tomography, X-Ray/
47. Diagnostic Imaging/
48. (diagnos* adj (imag* or scan*)).tw.
49. or/25-48
50. 24 and 49
51. limit 50 to english language
52. limit 51 to yr="1994 -Current"

2. Notes

Due to the volume of results, a systematic reviews filter was applied. The search was also limited to the English language with a date of 1994 onwards applied.

3. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search with a date limit of February 2015 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	33	2	05/06/2015
<i>Premedline</i>	24	3	05/06/2015
<i>Embase</i>	2	0	05/06/2015
<i>Cochrane Library</i>	18	0	08/06/2015
<i>Web of Science (SCI & ISI Index of Conference Proceedings)</i>	16	4	09/06/2015
1 additional reference identified in a high level search of Pubmed 15/06/2015			

Total References retrieved (after de-duplication): 8

Chapter 3: Treatment of early stage disease

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: What is the most effective treatment for newly diagnosed T1 or T2 carcinoma of the larynx?

Question no: Topic D1

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	All-Current	1404	395	13/03/2014
<i>Premedline</i>	All-Current	71	27	13/03/2014
<i>Embase</i>	All-Current	887	164	17/03/2014
<i>Cochrane Library</i>	All-Current	212	34	17/03/2014
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>	All-Current	225	58	17/03/2014

Total References retrieved (after de-duplication):539

Medline search strategy (This search strategy is adapted to each database.)

1. exp Laryngeal Neoplasms/
2. ((laryng* or glotti* or epiglotti* or subglotti* or supraglotti* or vocal cord* or vocal fold* or voice box* or cordal) adj (cancer* or tumo?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
3. 1 OR 2
4. exp Early Diagnosis/ or exp "Early Detection of Cancer"/
5. (T1 or T2 or NO).tw.
6. (early adj stage).tw.
7. 4 OR 5 OR 6
8. 3 AND 7
9. exp Radiotherapy/
10. (radiotherap* or radiat* or irradiat*).tw.
11. radical chemoradiation*.tw.
12. trans-oral laser*.tw.
13. exp Laryngectomy/
14. laryngectomy.tw.
15. transoral robotic surgery.tw.
16. transoral laser microsurgery.tw.
17. 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16
13. 8 AND 17

Note: A general exclusion filter was added to the search.

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers.

3. Update Searches

For the update search, the same search criteria/filters were applied as the initial search with a date limit of March 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
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Medline	116	41	03/06/2015
Premedline	71	17	03/06/2015
Embase	223	30	03/06/2015
Cochrane Library	65	1	08/06/2015
Web of Science (SCI & SSCI)	201	47	10/06/2015

Total References retrieved (after de-duplication): 96

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline Literature search summary

Question title: What is the most effective management strategy for the clinically and radiologically N0 neck in patients with early squamous cell carcinoma of the oral cavity?

Question no: Topic F

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
Medline	1994-2014	910	215	03/09/2014
Premedline	1994-2014	4	1	03/09/2014
Embase	1994-2014	3694	701	17/09/2014
Cochrane Library	1994-2014	385	53	08/09/2014
Web of Science (SCI & SSCI) and ISI Proceedings	1994-2014	1719	523	09/09/2014

Total References retrieved (after de-duplication): 1259

Medline search strategy (*This search strategy is adapted to each database.*)

1. exp Mouth Neoplasms/
2. exp Lip Neoplasms/
3. exp Gingival Neoplasms/
4. exp Palatal Neoplasms/
5. exp Tongue Neoplasms/
6. exp Tonsillar Neoplasms/
7. exp Maxillary Neoplasms/
8. ((mouth or oral or intra-oral or intraoral or oral mucos* or lip* or tongue or cheek* or gingiva* or gum* or palat* or buccal or buccal mucosa* or maxilla* or tonsil*) adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
9. or/1-8
10. exp Radiotherapy/
11. (radiotherap* or irradiat* or radiat*).tw.
12. chemotherap*.tw.
13. exp Chemoradiotherapy/
14. (chemoradiotherap* or chemoradiat*).tw.
15. exp Neck Dissection/
16. (neck adj3 (dissect* or surg*)).tw.
17. exp Sentinel Lymph Node Biopsy/
18. ((sentinel lymph node or sentinel node) adj3 biops*).tw.
19. (active adj1 surveillance).tw.
20. (active adj1 monitoring).tw.
21. watchful wait*.tw.
22. exp Watchful Waiting/
23. (watch* adj2 wait*).tw.
24. (watchful adj2 (observation or surveillance or monitoring)).tw.
25. (active adj2 (surveillance or monitoring)).tw.
26. (expectant adj2 (monitoring or surveillance)).tw.

27. ((deferred or delayed) adj2 (therap* or treatment*)).tw.
28. conservative monitoring.tw.
29. or/10-28
30. 9 and 29
31. letter.pt.
32. Letter/
33. letter\$/
34. editorial.pt.
35. historical article.pt.
36. anecdote.pt.
37. commentary.pt.
38. note.pt.
39. Case Report/
40. case report\$.pt.
41. Case Study/
42. case study.pt.
43. exp animal/ not human/
44. Nonhuman/
45. exp animal experiment/
46. exp Experimental Animal/
47. exp animal model/
48. exp rodent/
49. exp rodentia/
50. Animals, Laboratory/
51. exp rodent/
52. or/31-51
53. 30 not 52

2. Any further comments

The search was conducted from 1994 onwards. According to the GDG, this is the date of publication for the earliest evidence on this topic. RCTs, Systematic Reviews and Observational Studies filters were applied.

3. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search with a date limit of September 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	185	30	02/06/2015
<i>Premedline</i>	9	2	02/06/2015
<i>Embase</i>	253	23	02/06/2015
<i>Cochrane Library</i>	45	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	271	8	10/06/2015

Total References retrieved (after de-duplication): 59

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: What is the optimal management of T1-2, N0 squamous cell carcinoma of the oropharynx?

Question no: Topic I**1. Literature search details**

Database name	Dates Covered	No of references found	Finish date of search
Medline	1946 to Nov 2014	1314	02/12/2014
Premedline	Dec 01 2014	86	02/12/2014
Embase	1946 to Nov 2014	2079	03/12/2014
Cochrane Library	Issue 11, 2014	414	10/12/2014
Web of Science (SCI & SSCI) and ISI Proceedings	1900 to 2014	2138	08/12/2014

Total References retrieved (after sifting and de-duplication): 1780

Medline search strategy (*This search strategy is adapted to each database.*)

1. exp Oropharyngeal Neoplasms/
2. ((oropharyn* or retromolar trigone) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
3. 1 or 2
4. Carcinoma, Squamous Cell/
5. squamous cell.tw.
6. 4 or 5
7. 3 and 6
8. exp Radiotherapy/
9. (radiotherap* or irradiat* or radiat* or brachytherap*).tw.
10. (hyperfractionate* or hyper-fractionate*).tw.
11. (chemotherap* or (cytotoxi* adj (therap* or treatment* or intervention*))).tw.
12. exp Chemoradiotherapy/
13. (chemoradiotherap* or chemoradiat* or chemoirradiat*).tw.
14. Antineoplastic Combined Chemotherapy Protocols/
15. Chemotherapy, Adjuvant/
16. exp Antineoplastic Agents/
17. (adriamycin* or bleomycin or carboplatin or cetuximab or cisplatin* or docetaxel* or doxorubicin* or fluorouracil or hydroxyurea or methotrex* or paclitaxel or vinblastine).tw.
18. ((epidermal growth factor receptor or EGFR) adj (inhibit* or antagonist* or antibod*)).tw.
19. Surgical Procedures, Operative/
20. Robotics/ and Surgical Procedures, Operative/
21. Laser Therapy/
22. Glossectomy/
23. Pharyngectomy/
24. Lymph Node Excision/
25. (surg* or resect* or dissect* or excis* or glossectom* or pharyngectom* or oropharyngectom* or lymphadenectom*).tw.
26. Combined Modality Therapy/
27. or/8-26
28. 7 and 27
29. limit 28 to yr="1994 -Current"

2. Notes

The search was conducted from 1994 onwards. According to the GDG, this is the date of publication for the earliest evidence on this topic.
A general exclusions filter was also applied.

3. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search with a date limit of December 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	57	5	02/06/2015
<i>Premedline</i>	3	1	02/06/2015
<i>Embase</i>	235	9	02/06/2015
<i>Cochrane Library</i>	2	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	96	17	10/06/2015
4 additional references identified in a high level search of Pubmed 15/06/2015			

Total References retrieved (after de-duplication): 32

Chapter 4: Treatment of advanced disease

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: What is the most effective treatment for newly diagnosed T3 and T4 squamous cell carcinoma of the larynx?

Question no: Topic D2

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946-2015	1521	439	17/02/2015
<i>Premedline</i>	Feb 16, 2015	22	10	17/02/2015
<i>Embase</i>	1948-2015	908	388	24/02/2015
<i>Cochrane Library</i>	Issue 2, 2015	144	65	23/02/2015
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>	1900-present	1287	426	18/02/2015

Total References retrieved (after de-duplication): 978

Medline search strategy (*This search strategy is adapted to each database.*)

1. exp laryngeal neoplasms/
2. ((laryng* or glotti* or epiglotti* or subglotti* or supraglotti* or vocal cord* or vocal fold* or voice box* or cordal) adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
3. 1 or 2
4. Carcinoma, Squamous Cell/
5. squamous cell.tw.
6. (OPSCC or HNSCC).tw.
7. or/4-6
8. 3 and 7
9. exp Radiotherapy/
10. (radiotherap* or irradiat* or radiat* or brachytherap*).tw.
11. (hyperfractionat* or hyper-fractionat* or altered-fractionat* or altered fractionat*).tw.
12. chemotherap*.tw.
13. exp Chemoradiotherapy/
14. (chemoradiotherap* or chemoradiat* or chemoirradiat*).tw.
15. Antineoplastic Combined Chemotherapy Protocols/
16. Chemotherapy, Adjuvant/
17. Induction Chemotherapy/
18. Neoadjuvant Therapy/
19. exp Antineoplastic Agents/
20. (bleomycin* or carboplatin* or cisplatin* or docetaxel* or taxotere or fluorouracil or 5FU or Ifosfamide or methotrex* or paclitaxel or abraxane or taxol).tw.
21. ((epidermal growth factor receptor or EGFR) adj (inhibit* or antagonist* or antibod*)).tw.
22. (lapatinib or tyverb or tykerb).tw.
23. (cetuximab or erbitux).tw.
24. Surgical Procedures, Operative/
25. Robotics/ and Surgical Procedures, Operative/
26. Laser Therapy/
27. Lymph Node Excision/
28. Laryngectomy/
29. (transoral adj2 (microsurg* or resect* or surg*)).tw.
30. (TLM or TORL).tw.
31. (endoscop* adj (surg* or resect* or microsurg*)).tw.

32. Neck Dissection/
 33. (surg* or resect* or dissect* or excis* or lymphadenectom* or laryngectom*).tw.
 34. Combined Modality Therapy/
 35. or/9-34
 36. 8 and 35
 37. limit 36 to yr="1991 -Current"

2. Any further comments

The search was conducted from 1991 onwards. According to the GDG, this is the date of publication for the earliest evidence on this topic. RCTs, Systematic Reviews and Observational Studies filters were applied.

3. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers.

4. UPDATE SEARCH

For the update search, the same search criteria/filters were applied as initial search with a date limit of February 2015 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	21	2	01/06/2015
<i>Premedline</i>	0	0	01/06/2015
<i>Embase</i>	5	0	01/06/2015
<i>Cochrane Library</i>	3	0	08/06/2015
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>	37	6	10/06/2015
5 additional references identified in a high level search of Pubmed 15/06/2015			

Total References retrieved (after de-duplication): 13

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline Literature search summary

Question title: What is the most effective treatment for newly diagnosed locally advanced squamous cell carcinoma of the hypopharynx (for example, surgery, radiotherapy, chemoradiotherapy, chemotherapy or other systemic therapies)?

Question no: Topic E

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>				
<i>Premedline</i>				
<i>Embase</i>				
<i>Cochrane Library</i>				
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>				

Total References retrieved (after de-duplication):

Medline search strategy (*This search strategy is adapted to each database.*)

- exp Hypopharyngeal Neoplasms/
- ((hypopharynx* or laryngopharynx*) adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metastas* or

- adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
 3. 1 or 2
 4. (surg* or dissect* or resect* or excis* or reconstruct*).tw.
 5. exp Reconstructive Surgical Procedures/
 6. exp Radiotherapy/
 7. (radiotherap* or irradiat* or radiat*).tw.
 8. chemotherap*.tw.
 9. exp Chemoradiotherapy/
 10. chemoradiotherap*.tw.
 11. or/4-10
 12. 3 and 11
 13. letter.pt.
 14. Letter/
 15. letter\$/
 16. editorial.pt.
 17. historical article.pt.
 18. anecdote.pt.
 19. commentary.pt.
 20. note.pt.
 21. Case Report/
 22. case report\$.pt.
 23. Case Study/
 24. case study.pt.
 25. exp animal/ not human/
 26. Nonhuman/
 27. exp animal experiment/
 28. exp Experimental Animal/
 29. exp animal model/
 30. exp rodent/
 31. exp rodentia/
 32. Animals, Laboratory/
 33. exp rodent/
 34. or/13-33
 35. 12 not 34

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers.

3. Update Searches

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	114	15	01/06/2015
<i>Premedline</i>	7	0	01/06/2015
<i>Embase</i>	248	37	01/06/2015
<i>Cochrane Library</i>	1	0	08/06/2015
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>	219	45	10/06/2015
1 additional reference identified in a high level search of Pubmed 15/06/2015			

Total References retrieved (after de-duplication): 68

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: What are the most effective palliative treatments for people with incurable upper aerodigestive tract cancer experiencing breathing difficulties?

Question no: Topic N

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946-2014	1213	146	22/12/2014
<i>Premedline</i>	Dec 11 2014	87	5	17/12/2014
<i>Embase</i>	1947 -2014	2783	137	24/12/2014
<i>Cochrane Library</i>	Issue 12 of 12, Dec 2014	99	3	17/12/2014
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>	All	1373	39	22/12/2014

Total References retrieved (after de-duplication): 293

Medline search strategy (*This search strategy is adapted to each database.*)

1. exp "Head and Neck Neoplasms"/
2. (("head and neck" or "upper aero-digestive" or "upper aerodigestive" or "upper airway*" or "upper respiratory" or UAT or UADT) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
3. exp Mouth Neoplasms/
4. exp Lip Neoplasms/
5. exp Gingival Neoplasms/
6. exp Palatal Neoplasms/
7. exp Tongue Neoplasms/
8. exp Tonsillar Neoplasms/
9. exp Maxillary Neoplasms/
10. ((mouth or oral or intra-oral or intraoral or oral mucos* or lip* or tongue or cheek* or gingiva* or gum* or palat* or buccal or buccal mucosa* or maxilla* or tonsil*) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
11. exp Oropharyngeal Neoplasms/
12. ((oropharyn* or retromolar trigone) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
13. exp Pharyngeal Neoplasms/
14. exp Tracheal Neoplasms/
15. ((pharyn* or throat or trachea* or paratrachea* or windpipe*) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
16. exp Nasopharyngeal Neoplasms/
17. (nasopharyn* adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
18. exp Hypopharyngeal Neoplasms/
19. ((hypopharyn* or laryngopharyn*) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
20. exp Laryngeal Neoplasms/
21. ((laryng* or glotti* or epiglotti* or subglotti* or supraglotti* or vocal cord* or vocal fold* or voice box* or cordal) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
22. exp Paranasal Sinus Neoplasms/
23. ((paranasal* or nasal* or nasosinus* or sinonasal* or ((nasal* or frontal or ethmoidal or spheroid or maxilla*) adj sinus*)) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma or plasmacytoma* or neuroendocrine or neuroblastoma* or esthesioneuroblastoma*)).tw.
24. or/1-22
25. exp Dyspnea/
26. dyspn?ea*.tw.
27. stridor*.tw.

28. (breath* adj3 (difficult* or impair* or shortness)).tw.
29. breathless*.tw.
30. exp Airway Obstruction/
31. (airway* adj3 (obstruct*or narrow*)).tw.
32. or/25-31
33. 24 and 32
34. letter.pt.
35. Letter/
36. letter\$/
37. editorial.pt.
38. historical article.pt.
39. anecdote.pt.
40. commentary.pt.
41. note.pt.
42. Case Report/
43. case report\$.pt.
44. Case Study/
45. case study.pt.
46. exp animal/ not human/
47. Nonhuman/
48. exp animal experiment/
49. exp Experimental Animal/
50. exp animal model/
51. exp rodent/
52. exp rodentia/
53. Animals, Laboratory/
54. exp rodent/
55. or/34-54
56. 33 not 55

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers.

3. Update Searches

For the update search, the same search criteria/filters were applied as initial search with a date limit of December 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	15	1	03/06/2015
<i>Premedline</i>	8	0	03/06/2015
<i>Embase</i>	170	4	03/06/2015
<i>Cochrane Library</i>	16	0	08/06/2015
<i>Web of Science (SCI & ISI Index of Conference Proceedings)</i>	31	0	11/06/2015

4. Total References retrieved (after de-duplication): 5

Chapter 5: HPV-related disease

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline Literature search summary

Question title: What is the most effective test to identify an HPV positive tumour in people with cancer of the upper aerodigestive tract?

Question no: Topic K2

1. Literature search details

Database name	Dates Covered	No of references found	Finish date of search
<i>Medline</i>	1996-Jul Wk 2 2014	590	17/07/2014
<i>Premedline</i>	Jul 16 2014	15	17/07/2014
<i>Embase</i>	1996-Jul 16 2014	442	17/07/2014
<i>Cochrane Library</i>	Issue 2, Feb 2014	115	17/07/2014
<i>Web of Science (SCI & SSCI)</i>	1900-2014	1060	17/07/2014

Total References retrieved (after databases combined, de-duplicated and sifted): 983

Medline search strategy (*This search strategy is adapted to each database*)

1. exp "Head and Neck Neoplasms"/
2. (("head and neck" adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)) or (("upper aerodigestive" or "upper airway*" or "upper respiratory" or UAT or UADT) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma))).tw.
3. exp mouth neoplasms/
4. exp lip neoplasms/
5. exp gingival neoplasms/
6. exp palatal neoplasms/
7. exp tongue neoplasms/
8. exp tonsillar neoplasms/
9. exp maxillary neoplasms/
10. ((mouth or oral or intra-oral or intraoral or oral mucos* or lip* or tongue or cheek* or gingiva* or gum* or palat* or buccal or buccal mucosa* or maxilla* or tonsil*) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
11. exp oropharyngeal neoplasms/
12. ((oropharyn* or retromolar trigone) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
13. exp pharyngeal neoplasms/
14. exp tracheal neoplasms/
15. ((pharyn* or throat or trachea* or paratrachea* or windpipe*) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
16. exp nasopharyngeal neoplasms/
17. (nasopharyn* adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
18. exp hypopharyngeal neoplasms/
19. ((hypopharyn* or laryngopharyn*) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
20. exp laryngeal neoplasms/
21. ((laryng* or glotti* or epiglotti* or subglotti* or supraglotti* or vocal cord* or vocal fold* or voice box* or cordal) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
22. exp paranasal sinus neoplasms/

23. ((paranasal* or nasal* or nasosinus* or sinonasal* or ((nasal* or frontal or ethmoidal or spheroid or maxilla*) adj sinus*)) adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma or plasmacytoma* or neuroendocrine or neuroblastoma* or esthesioneuroblastoma*)).tw.
24. or/1-23
25. exp Carcinoma, Squamous Cell/di, pa, vi
26. exp Papillomavirus Infections/di, pa, vi
27. HPV positive.tw.
28. (human papilloma virus adj positive).tw.
29. (OPSCC or HNSCC).tw.
30. or/25-29
31. 24 and 30
32. (HPV16 adj2 (test* or investigat*)).tw.
33. Immunohistochemistry/
34. (immunohistochem* or immunolabel* or immunogold* or immunocytochem*).tw.
35. 33 or 34
36. exp Polymerase Chain Reaction/
37. ((polymerase adj chain) or (polymerase adj reaction) or pcr or qpcr).tw.
38. 36 or 37
39. exp RNA/ or exp DNA/
40. (RNA or DNA).tw.
41. (ribonucleic acid or deoxyribonucleic acid).tw.
42. or/39-41
43. 38 and 42
44. exp In Situ Hybridization/
45. ("in situ" adj hybridization*).tw.
46. (nucleic acid adj hybridization*).tw.
47. or/44-46
48. Gene Expression Profiling/
49. (transcript* adj (profiling* or monitor* or analys*)).tw.
50. (gene expression adj (profiling* or monitor* or analys*)).tw.
51. (mrna and differential and display*).tw.
52. or/48-51
53. 32 or 35 or 38 or 43 or 47 or 52
54. 31 and 53
55. limit 54 to yr="2000 –Current

2. Any further comments

The search was conducted from 2000 onwards. According to the GDG, this is the date of publication for the earliest evidence on this topic.
A general exclusions filter was also applied.

3. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers

4. Update Searches

For the update searches, the same search criteria/filters were applied as the initial searches with a date limit of July 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	84	21	03/06/2015
<i>Premedline</i>	16	6	03/06/2015
<i>Embase</i>	118	23	03/06/2015
<i>Cochrane Library</i>	1	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	139	10	11/06/2015

Total References retrieved (after de-duplication): 41

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: Is there a role for de-intensification of treatment in patients with HPV positive upper aerodigestive tract tumours?

Question no: Topic K3

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
Medline	2000-Current	4216	445	09/06/2014
Premedline	2000-Current	705	32	09/06/2014
Embase	2000-Current	1805	260	11/06/2014
Cochrane Library	2000-Current	1189	95	12/06/2014
Web of Science (SCI & SSCI) and ISI Proceedings	2000-Current	825	29	13/06/2014

Total References retrieved (after de-duplication): 662

Medline search strategy (*This search strategy is adapted to each database.*)

1. exp "Head and Neck Neoplasms"/
2. exp Palatal Neoplasms/
3. exp Tongue Neoplasms/
4. exp Tonsillar Neoplasms/
5. exp Oropharyngeal Neoplasms/
6. exp Pharyngeal Neoplasms/
7. (upper aerodigestive tract adj (cancer or neoplasm* or tumor or carcinoma)).tw.
8. (Orophary* adj (cancer or neoplasm* or tumor or carcinoma)).tw.
9. or/1-8
10. exp Carcinoma, Squamous Cell/
11. exp Papillomavirus Infections/
12. HPV positive.tw.
13. (human papilloma virus adj positive).tw.
14. (OPSCC or HNSCC).tw.
15. 10 or 11 or 12 or 13 or 14
16. 9 and 15
17. (standard therapy or standard treatment).tw.
18. radiation therapy.tw.
19. exp Radiotherapy/ or exp Radiotherapy Dosage/
20. exp Drug Therapy/
21. exp Antineoplastic Combined Chemotherapy Protocols/tu [Therapeutic Use]
22. exp Cisplatin/tu [Therapeutic Use]
23. cetuximab.tw.
24. (concomitant adj chemotherapy).tw.
25. (induction adj chemotherapy).tw.
26. (open adj surgery).tw.
27. ((trans-oral adj surgery) or (transoral adj surgery) or (Neck adj dissection)).tw.
28. reconstruction.tw.
29. Lapatinib.tw.
30. EGFR.tw.
31. ((post operative or adjuvant) adj radiotherapy).tw.
32. chemoradiotherapy.tw.
33. (systemic adj (treatment or therapy)).tw.
34. or/17-33
35. deintensification.tw.

36. de-intensification.tw.
37. de-escalat*.tw.
38. (dose adj3 reduc*).tw.
39. (alteration or modification or modify or optimi*).tw.
40. (altered adj fractionation*).tw.
41. treatment volume.tw.
42. (treatment adj (response or assessment)).tw.
43. (decreas* or overtreatment or undertreatment).tw.
44. intensity modulated.tw.
45. response rate*.tw.
46. relapse.tw.
47. patient management.tw.
48. exp "Quality of Life"/
49. exp Risk Assessment/
50. risk stratification.tw.
51. exp Prognosis/
52. (toxicity or local control or locoregional recurrence or survival).tw.
53. or/35-52
54. 34 and 53
55. 16 and 54

Note:

As advised by the GDG the following filters were applied: Randomised controlled trials and observational studies filter. The search was conducted from 2000 onwards. According to the GDG, this is the date of publication for the earliest evidence on this topic.

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers

3. Update Searches

For the update searches, the same search criteria/filters were applied as the initial searches with a date limit of June 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	496	16	04/06/2015
<i>Premedline</i>	23	5	04/06/2015
<i>Embase</i>	595	49	04/06/2015
<i>Cochrane Library</i>	2	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	119	26	11/06/2015

Total References retrieved (after de-duplication): 85

Chapter 6: Less-common UADT cancers

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: What is the most effective curative treatment for carcinoma of the nasopharynx?

Question no: Topic G

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 to Jan, week 1 2015	1685	573	12/01/2015
<i>Premedline</i>	Jan 09 2015	64	33	07/01/2015
<i>Embase</i>	1947 - present	1521	567	13/01/2015
<i>Cochrane Library</i>	Issue 1 of 12, Jan 2015	723	309	14/01/2015
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>	1900 - 2015	1750	589	14/01/2015

Total References retrieved (after de-duplication): 1351

Medline search strategy (*This search strategy is adapted to each database.*)

1. exp Nasopharyngeal Neoplasms/
2. (nasopharynx* adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metastas* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
3. 1 or 2
4. exp Radiotherapy/
5. (radiotherap* or radiat* or irradiat* or radiosurger*).tw.
6. exp Brachytherapy/
7. brachytherap*.tw.
8. exp Chemoradiotherapy/
9. (chemoradiotherap* or chemoradiat* or chemoirradiat*).tw.
10. chemotherap*.tw.
11. (cytotoxi* adj (therap* or treatment* or intervention*)).tw.
12. (bleomycin or carboplatin or paralatin or cetuximab or cisplatin or docetaxel or taxotere or doxorubicin or adriamycin or fluorouracil or 5FU or gemcitabine or gemzar or methotrexate or matrex or paclitaxel or taxol).tw.
13. Surgical Procedures, Operative/
14. (surg* or resect* or dissect* or excis* or nasopharyngectom*).tw.
15. ((epidermal growth factor receptor or EGFR) adj (inhibit* or antagonist* or antibod*)).tw.
16. (lapatinib or tyverb).tw.
17. (Cetuximab or Erbitux).tw.
18. *Combined Modality Therapy/
19. or/4-18
20. 3 and 19

2. NOTES

The search was limited to the English language and with a date of 1994 onwards at the advice of the GDG. Search filters for systematic reviews, randomised controlled trials and observational studies were applied.

3. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers

4. Update Searches

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	63	13	02/06/2015
<i>Premedline</i>	2	1	02/06/2015
<i>Embase</i>	15	1	02/06/2015
<i>Cochrane Library</i>	1	0	08/06/2015
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>	61	16	10/06/2015
4 additional references identified from a high level search of Pubmed 15/06/2015			

Total References retrieved (after de-duplication): 32

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: What is the optimal role and timing (in relation to other treatments) of surgery in the management of paranasal sinus carcinoma?

Question no: Topic H

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1994-2014	1342	779	31/07/2014
<i>Premedline</i>	1994-2014	37	26	31/07/2014
<i>Embase</i>	1994-2014	681	253	06/08/2014
<i>Cochrane Library</i>	1994-2014	88	37	05/08/2014
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>	1994-2014	828	372	04/08/2014

Total References retrieved (after de-duplication): 1288

Medline search strategy (*This search strategy is adapted to each database.*)

1. exp Paranasal Sinus Neoplasms/
2. ((paranasal* or nasal* or nasosinus* or sinonasal* or nose or ((nasal* or frontal or ethmoidal or spheroid or maxilla*) adj sinus*)) adj3 (cancer* or tumor* or antiod* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or squamous or teratoma or lymphoma or plasmacytoma* or neuroendocrine or sarcoma* or chondrosarcoma* or haemangiopericytoma* or hemangiopericytoma*)).tw.
3. 1 or 2
4. Combined Modality Therapy/
5. exp Chemoradiotherapy/
- 6.(chemoradiotherap* or radiochemotherap* or chemoradiat*).tw.
7. 5 or 6
8. exp Radiotherapy/
9. (29ntibody29apy* or radiat* or irradiat*).tw.
10. 8 or 9
11. Surgical Procedures, Operative/
12. exp Nasal Surgical Procedures/
13. exp Reconstructive Surgical Procedures/
14. (surg* or resect* or dissect* or excis* or reconstruct* or obturat* or maxillectom* or nasopharyngectom*).tw.

15. or/11-14
16. Antineoplastic Combined Chemotherapy Protocols/
17. Chemotherapy, Adjuvant/
18. Consolidation Chemotherapy/
19. Induction Chemotherapy/
20. Maintenance Chemotherapy/
21. 30ntibody30apy*.tw.
22. or/16-21
23. ((epidermal growth factor receptor or EGFR) adj2 (inhibit* or antagonist* or 30ntibody*)).tw.
24. (lapatinib or tykerb or tyverb).tw.
25. (tyrosine kinase adj (inhibit* or antagonist*)).tw.
26. (erlotinib or tarceva).tw.
27. (sunitinib or sutent).tw.
28. (sorafenib or nexavar).tw.
29. (nimotuzumab or thetaloc or theracim).tw.
30. or/23-29
31. 4 or 7 or 10 or 15 or 22 or 30
32. 3 and 31

2. Any further comments

The search was conducted from 1994 onwards. According to the GDG, this is the date of publication for the earliest evidence on this topic.
RCTs, Systematic Reviews and Observational Studies filters were applied.

3. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers

4. Update Search

For the update search, the same search criteria/filters were applied as initial search with a date limit of July 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	81	9	02/06/2015
<i>Premedline</i>	9	1	02/06/2015
<i>Embase</i>	85	10	02/06/2015
<i>Cochrane Library</i>	3	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	121	13	10/06/2015
2 additional references identified from a high level search of Pubmed 15/06/2015			

Total References retrieved (after de-duplication): 33

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: What is the most effective treatment for unknown primary of presumed upper airways tract origin (for example, surgery, radiotherapy, chemoradiotherapy, chemotherapy or other systemic therapies)?

Question no: Topic J

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
Medline	1994 onwards	1203	203	21/08/2014
Premedline	Aug 20, 2014	91	16	21/08/2014
Embase	1994 onwards	2059	380	03/09/2014
Cochrane Library	As per database	39	5	01/09/2014
Web of Science (SCI & SSCI) and ISI Proceedings	1994 onwards	1270	200	02/09/2014

Total References retrieved (after de-duplication): 521

Medline search strategy (This search strategy is adapted to each database.)

1. exp "Head and Neck Neoplasms"/
2. (("head and neck" or "upper aero-digestive" or "upper aerodigestive" or "upper airway*" or "upper respiratory" or UAT or UADT) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
3. exp Mouth Neoplasms/
4. exp Lip Neoplasms/
5. exp Gingival Neoplasms/
6. exp Palatal Neoplasms/
7. exp Tongue Neoplasms/
8. exp Tonsillar Neoplasms/
9. exp Maxillary Neoplasms/
10. ((mouth or oral or intra-oral or intraoral or oral mucos* or lip* or tongue or cheek* or gingiva* or gum* or palat* or buccal or buccal mucosa* or maxilla* or tonsil*) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
11. exp Oropharyngeal Neoplasms/
12. ((oropharyn* or retromolar trigone) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
13. exp Pharyngeal Neoplasms/
14. exp Tracheal Neoplasms/
15. ((pharyn* or throat or trachea* or paratrachea* or windpipe*) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
16. exp Nasopharyngeal Neoplasms/
17. (nasopharyn* adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
18. exp Hypopharyngeal Neoplasms/
19. ((hypopharyn* or laryngopharyn*) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
20. exp Laryngeal Neoplasms/
21. ((laryng* or glotti* or epiglotti* or subglotti* or supraglotti* or vocal cord* or vocal fold* or voice box* or cordal) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
22. exp Paranasal Sinus Neoplasms/
23. ((paranasal* or nasal* or nasosinus* or sinonasal* or ((nasal* or frontal or ethmoidal or spheroid or maxilla*) adj sinus*)) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma or plasmacytoma* or neuroendocrine or neuroblastoma* or esthesioneuroblastoma*)).tw.
24. or/1-23
25. exp Neoplasms, Unknown Primary/
26. (unknown primar* and (cancer* or neoplas* or tumo?r* or carcinoma* or adenocarcinoma* or metasta* or micrometasta* or malignan* or lymphoma*)).tw.
27. (unknown origin and (cancer* or neoplas* or tumo?r* or carcinoma* or adenocarcinoma* or metasta* or micrometasta* or malignan* or lymphoma*)).tw.
28. (occult adj2 (cancer* or neoplas* or tumo?r* or carcinoma* or adenocarcinoma* or metasta* or micrometasta* or malignan* or lymphoma*)).tw.
29. (undetermined origin and (cancer* or neoplas* or tumo?r* or carcinoma* or adenocarcinoma* or metasta* or

micrometasta* or malignan* or lymphoma*)).tw.
 30. (undetermined primar* and (cancer* or neoplas* or tumo?r* or carcinoma* or adenocarcinoma* or metasta* or micrometasta* or malignan* or lymphoma*)).tw.
 31. (unidentifi* origin and (cancer* or neoplas* or tumo?r* or carcinoma* or adenocarcinoma* or metasta* or micrometasta* or malignan* or lymphoma*)).tw.
 32. (unidentif* primar* and (cancer* or neoplas* or tumo?r* or carcinoma* or adenocarcinoma* or metasta* or micrometasta* or malignan* or lymphoma*)).tw.
 33. or/25-32
 34. 24 and 33

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers.

3. Any further comments

Basic exclusions filter only and date limit of 1994 onwards applied by GDG due to earliest evidence on this topic. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search with a date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	1242 – sifted 130	4 + 3 (Pubmed)	15/06/2015
<i>Premedline (12 June 2015)</i>	108	11	15/06/2015
<i>Embase</i>	2267 – sifted 429	26	15/06/2015
<i>Cochrane Library</i>	48 – sifted 10	1	15/06/2015
<i>Web of Science (SCI & SSCI)</i>	1374 – sifted 158	16	15/06/2015

Total References retrieved (after de-duplication): 39

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: What is the optimal locoregional treatment for newly diagnosed upper airways tract mucosal melanoma in the absence of systemic metastases?

Question no: Topic L

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946-Current	497	273	06/02/2014
<i>Premedline</i>	As per database	59	31	06/02/2014
<i>Embase</i>	1974-Current	608	326	10/02/2014
<i>Cochrane Library</i>	As per database	27	3	06/02/2014
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>	As per database	857	297	12/02/2014

Total References retrieved (after de-duplication): 574

Medline search strategy (*This search strategy is adapted to each database.*)

1. exp "Head and Neck Neoplasms"/
2. ("head and neck" or "upper aero-digestive" or "upper aerodigestive" or "upper airway*" or "upper respiratory" or UAT or UADT).tw.

3. exp Mouth Neoplasms/
4. exp Lip Neoplasms/
5. exp Gingival Neoplasms/
6. exp Palatal Neoplasms/
7. exp Tongue Neoplasms/
8. exp Tonsillar Neoplasms/
9. exp Maxillary Neoplasms/
10. (mouth or oral or intra-oral or intraoral or oral mucos* or lip* or tongue or cheek* or gingiva* or gum* or palat* or buccal or buccal mucosa* or maxilla* or tonsil*).tw.
11. exp Oropharyngeal Neoplasms/
12. (oropharyn* or retromolar trigone).tw.
13. exp Pharyngeal Neoplasms/
14. exp Tracheal Neoplasms/
15. (pharyn* or throat or trachea* or paratrachea* or windpipe*).tw.
16. exp Nasopharyngeal Neoplasms/
17. nasopharyn*.tw.
18. exp Hypopharyngeal Neoplasms/
19. (hypopharyn* or laryngopharyn*).tw.
20. exp Laryngeal Neoplasms/
21. (laryng* or glotti* or epiglotti* or subglotti* or supraglotti* or vocal cord* or vocal fold* or voice box* or cordal).tw.
22. exp Paranasal Sinus Neoplasms/
23. (paranasal* or nasal* or nasosinus* or sinonasal* or nose).tw.
24. ((nasal* or frontal or ethmoidal or spheroid or maxilla*) adj sinus*).tw.
25. or/1-22
26. mucosal melanoma.tw.
27. ((muco* membrane* or muco*) adj3 melanoma*).tw.
28. 26 or 27
29. 25 and 28
30. exp Melanoma/rt, su, th [Radiotherapy, Surgery, Therapy]
31. Oral.tw.
32. 22 or 23 or 31
33. 30 and 32
34. 29 or 33
35. letter.pt.
36. Letter/
37. letter\$/
38. editorial.pt.
39. historical article.pt.
40. anecdote.pt.
41. commentary.pt.
42. note.pt.
43. Case Report/
44. case report\$.pt.
45. Case Study/
46. case study.pt.
47. exp animal/ not human/
48. Nonhuman/
49. exp animal experiment/
50. exp Experimental Animal/
51. exp animal model/
52. exp rodent/
53. exp rodentia/
54. Animals, Laboratory/
55. exp rodent/
56. or/35-55
57. 34 not 56

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers

3. Update searches

For the update search, the same search criteria/filters were applied as initial search with a date limit of February 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	62	9	05/06/2015
<i>Premedline</i>	8	0	05/06/2015
<i>Embase</i>	96	9	05/06/2015
<i>Cochrane Library</i>	1	0	08/06/2015
<i>Web of Science (SCI & ISI Index of Conference Proceedings)</i>	76	19	11/06/2015

1 additional reference identified in a high level search of Pubmed 15/06/2015

Total References retrieved (after de-duplication): 26

Chapter 7: Optimising function and rehabilitation

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: What criteria should be used at the point of diagnosis to select patients requiring enteral nutritional support during curative treatment?

Question no: Topic Q1

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1990 onwards	948	516	08/10/2014
<i>Premedline</i>	1990 onwards	72	40	03/10/2014
<i>Embase</i>	1990 onwards	1977	786	14/10/2014
<i>Cochrane Library</i>	1990 onwards	248	183	09/10/2014
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>	1990 onwards	2216	532	21/10/2014

Total References retrieved (after de-duplication): 1211

Medline search strategy (*This search strategy is adapted to each database.*)

1. "head and neck neoplasms"/ or facial neoplasms/ or mouth neoplasms/ or otorhinolaryngologic neoplasms/
2. (("upper respiratory tract" or "upper airway" tract" or "upper aerodigestive tract" or "head and neck" or UAT or UADT or head or neck) adj3 (cancer* or neoplasm* or carcinoma* or tumor?r* or adenocarcinoma* or oncolog* or malignan* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
3. exp Mouth Neoplasms/
4. ((oral or intra-oral or intraoral or mouth or lip* or tongue or cheek* or cheek lin* or gingiv* or gum* or palat* or "roof of mouth" or odontogenic or teeth or tooth or buccal or buccal mucosa or face or facial or maxilla*) adj3 (cancer* or neoplasm* or carcinoma* or tumor?r* or adenocarcinoma* or oncolog* or malignan* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
5. exp Lip Neoplasms/
6. exp Gingival Neoplasms/
7. exp Palatal Neoplasms/
8. exp Tongue Neoplasms/
9. exp Tonsillar Neoplasms/
10. exp Mandibular Neoplasms/
11. exp Maxillary Neoplasms/
12. exp Odontogenic Tumors/
13. exp Oropharyngeal Neoplasms/
14. ((oropharyn* or tonsil* or retromolar*) adj3 (cancer* or neoplasm* or carcinoma* or tumor?r* or adenocarcinoma* or oncolog* or malignan* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
15. exp Pharyngeal Neoplasms/
16. ((pharyn* or throat) adj3 (cancer* or neoplasm* or carcinoma* or tumor?r* or adenocarcinoma* or oncolog* or malignan* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
17. exp Nasopharyngeal Neoplasms/
18. (nasopharyn* adj3 (cancer* or neoplasm* or carcinoma* or tumor?r* or adenocarcinoma* or oncolog* or malignan* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
19. exp Hypopharyngeal Neoplasms/

20. ((hypopharynx* or laryngopharynx*) adj3 (cancer* or neoplasm* or carcinoma* or tumor* or adenocarcinoma* or oncology* or malignant* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
21. exp Laryngeal Neoplasms/
22. ((larynx* or glottis* or epiglottis* or subglottis* or supraglottis* or vocal cord* or vocal fold* or voice box* or cordal) adj3 (cancer* or neoplasm* or carcinoma* or tumor* or adenocarcinoma* or oncology* or malignant* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
23. exp Paranasal Sinus Neoplasms/
24. ((nasal* or nose* or paranasal* or nasosinus* or sinonasal* or ((nasal* or frontal or ethmoidal or spheroid or maxillary) adj sinus*)) adj3 (cancer* or neoplasm* or carcinoma* or tumor* or adenocarcinoma* or oncology* or malignant* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
25. or/1-24
26. exp Nutritional Support/
27. ((nutrition* or diet*) adj2 (support* or therap* or manage* or intervent*)).tw.
28. ((enter* or tube or parenteral or intravenous*) adj2 (nutrition* or feed* or nutrient* or nourish*)).tw.
29. exp Feeding Methods/
30. or/26-29
31. 25 and 30
32. nutrition*.ti.
33. 32 and 25
34. 31 or 33
35. 25 and 34

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers.

3. Any further comments

Basic exclusions filter only and date limit of 1999 onwards applied by GDG due to earliest evidence on this topic. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search with a date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	978 – sifted 51	4	04/06/2015
<i>Premedline (June 3, 2015)</i>	86	22	04/06/2015
<i>Embase</i>	2151 – sifted 406	49	04/06/2015
<i>Cochrane Library</i>	279 – sifted 55	11	04/06/2015
<i>Web of Science (SCI & SSCI)</i>	2380 – sifted 265	34	04/06/2015

Total References retrieved (after de-duplication): 80

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: Which active speech and language therapy interventions are of most benefit to patients with cancer of the upper aerodigestive tract?

Question no: Topic Q2

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1996 to Nov week 2 2014	904	190	19/11/2014
<i>Premedline</i>	Nov 17 2014	42	17	18/11/2014
<i>Embase</i>	1996 – Nov 24 2014	1034	185	24/11/2014
<i>Cochrane Library</i>	Issue 11, Nov 2014	148	33	18/11/2014
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>	1900-2014	1121	115	25/11/2014
<i>AMED</i>	All	15	8	18/11/2014
<i>PsycInfo</i>	1806 to Nov 2014	23	9	18/11/2014
<i>CINAHL</i>	All	45	5	26/11/2014
<i>Linguistics and Language Behavior Abstracts (LLBA)</i>	All	200	43	26/11/2014
<i>Communication Abstracts</i>	All	121	16	26/11/2014

Total References retrieved (after de-duplication): 402

Medline search strategy (*This search strategy is adapted to each database.*)

1. exp "Head and Neck Neoplasms"/
2. (("head and neck" adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)) or (("upper aerodigestive" or "upper airway*" or "upper respiratory" or UAT or UADT) adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma))).tw.
3. exp mouth neoplasms/
4. exp lip neoplasms/
5. exp gingival neoplasms/
6. exp palatal neoplasms/
7. exp tongue neoplasms/
8. exp tonsillar neoplasms/
9. exp maxillary neoplasms/
10. ((mouth or oral or intra-oral or intraoral or oral mucos* or lip* or tongue or cheek* or gingiva* or gum* or palat* or buccal or buccal mucosa* or maxilla* or tonsil*) adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
11. exp oropharyngeal neoplasms/
12. ((oropharyn* or retromolar trigone) adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
13. exp pharyngeal neoplasms/
14. exp tracheal neoplasms/
15. ((pharyn* or throat or trachea* or paratrachea* or windpipe*) adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
16. exp nasopharyngeal neoplasms/
17. (nasopharyn* adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
18. exp hypopharyngeal neoplasms/
19. ((hypopharyn* or laryngopharyn*) adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
20. exp laryngeal neoplasms/
21. ((laryng* or glotti* or epiglotti* or subglotti* or supraglotti* or vocal cord* or vocal fold* or voice box* or cordal) adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
22. exp paranasal sinus neoplasms/
23. ((paranasal* or nasal* or nasosinus* or sinonasal* or ((nasal* or frontal or ethmoidal or spheroid or maxilla*) adj sinus*)) adj3 (cancer* or tumor* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or

- melanoma or squamous or teratoma or lymphoma or plasmacytoma* or neuroendocrine or neuroblastoma* or esthesioneuroblastoma*))).tw.
24. or/1-23
 25. exp Language Therapy/ or exp Speech Therapy/
 26. ((speech or speak* or language or voice or vocal*) adj3 (therap* or rehabilitat* or exercise* or intervention* or support*)).tw.
 27. exp "rehabilitation of speech and language disorders"/
 28. Voice Training/
 29. Voice Disorders/rh
 30. Voice/rh
 31. exp Fluoroscopy/
 32. videofluoroscop*.tw.
 33. fluoroscop*.tw.
 34. barium swallow.tw.
 35. functional endoscopic evaluation of swallow*.tw.
 36. ((swallow* or motion* or dysphag* or deglutit*) adj3 (exercise* or therap* or rehabilitat* or technique* or strateg*)).tw.
 37. pharyngocise*.tw.
 38. (lingual exercis* or effortful swallow* or supraglottic swallow or super glottic swallow* or supra glottic swallow*).tw.
 39. exp Deglutition Disorders/rh, th
 40. Trismus/rh, th
 41. or/25-40
 42. 24 and 41
 43. limit 42 to yr="2000 -Current"
 44. limit 43 to english language
 45. letter.pt.
 46. Letter/
 47. editorial.pt.
 48. historical article.pt.
 49. Case Report/
 50. case reports.pt.
 51. Case Study/
 52. exp animal/ not human/
 53. exp animal experiment/
 54. exp animal model/
 55. exp rodent/
 56. exp rodentia/
 57. Animals, Laboratory/
 58. or/45-57
 59. 44 not 58

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers

3. NOTES

The search was conducted from 2000 onwards. According to the GDG, this is the date of publication for the earliest evidence on this topic. At the advice of the GDG, studies were also limited to the English language. Medline records were excluded in the search of CINAHL

4. Update Searches

For the update searches, the same search criteria/filters were applied as initial search with a date limit of November 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	38	2	03/06/2015
<i>Premedline</i>	2	0	03/06/2015
<i>Embase</i>	84	1	03/06/2015

Cochrane Library	5	0	08/06/2015
Web of Science (SCI & SSCI) and ISI Proceedings	158	8	11/06/2015
AMED	1	0	03/06/2015
PsycInfo	7	0	03/06/2015
CINAHL	2	0	12/06/2015
Linguistics and Language Behavior Abstracts (LLBA)	0	0	12/06/2015
Communication Abstracts	9	1	12/06/2015
2 additional references added from a high level search of Pubmed 15/06/2015			

Total References retrieved (after de-duplication): 13

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline Literature search summary

Question title: What are the most effective interventions for shoulder rehabilitation following neck dissection in people with cancer of the upper aerodigestive tract?

Question no: Topic O2

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
Medline	1946 – Oct 2014	38	23	10/11/2014
Premedline	Nov 07 2014	2	1	10/11/2014
Embase	1947 to present	50	31	10/11/2014
Cochrane Library	Issue 11 of 12, Nov 2014	10	6	11/11/2014
Web of Science (SCI & SSCI) and ISI Proceedings	1900-2014	31	18	11/11/2014
AMED	All	4	4	10/11/2014
PsycInfo	1806 – Nov 2014	3	2	10/11/2014
PEDro	All	4	4	10/11/2014
CINAHL Plus	1937 to present	239	7	11/11/2014

Total References retrieved (after de-duplication): 56

1 additional reference identified 24/11/14

Medline search strategy (*This search strategy is adapted to each database.*)

1. exp "Head and Neck Neoplasms"/
2. (("head and neck" adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)) or (("upper aerodigestive" or "upper airway*" or "upper respiratory" or UAT or UADT) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma))).tw.
3. exp mouth neoplasms/
4. exp lip neoplasms/
5. exp gingival neoplasms/
6. exp palatal neoplasms/
7. exp tongue neoplasms/
8. exp tonsillar neoplasms/
9. exp maxillary neoplasms/
10. ((mouth or oral or intra-oral or intraoral or oral mucos* or lip* or tongue or cheek* or gingiva* or gum* or palat* or buccal or buccal mucosa* or maxilla* or tonsil*) adj3 (cancer* or tumo?r* or neoplas* or malignan* or carcinoma* or metasta* or

adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
11. exp oropharyngeal neoplasms/
12. ((oropharyn* or retromolar trigone) adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
13. exp pharyngeal neoplasms/
14. exp tracheal neoplasms/
15. ((pharyn* or throat or trachea* or paratrachea* or windpipe*) adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
16. exp nasopharyngeal neoplasms/
17. (nasopharyn* adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
18. exp hypopharyngeal neoplasms/
19. ((hypopharyn* or laryngopharyn*) adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
20. exp laryngeal neoplasms/
21. ((laryng* or glotti* or epiglotti* or subglotti* or supraglotti* or vocal cord* or vocal fold* or voice box* or cordal) adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
22. exp paranasal sinus neoplasms/
23. ((paranasal* or nasal* or nasosinus* or sinonasal* or ((nasal* or frontal or ethmoidal or spheroid or maxilla*) adj sinus*)) adj3 (cancer* or tumor?r* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma or plasmacytoma* or neuroendocrine or neuroblastoma* or esthesioneuroblastoma*)).tw.
24. or/1-23
25. exp neck dissection/
26. ((neck and dissect*) or hnscc).tw.
27. neck surger*.tw.
28. or/25-27
29. 24 and 28
30. exp Shoulder/
31. shoulder pain/
32. (shoulder* or scapul* or trapezius or glenohumeral or (adhesive and capsulitis) or (accessory and nerve*) or ((11th or eleventh) and nerve*)).tw.
33. (morbidity* or disability* or function* or dysfunction* or pain* or syndrome or droop* or lesion* or impair* or injur*).tw.
34. 32 and 33
35. (neuropraxi* or axonotmes*).tw.
36. 30 or 31 or 34 or 35
37. 29 and 36
38. neck dissection/rh [Rehabilitation]
39. exp Rehabilitation/
40. exp Physical Therapy Modalities/
41. exp Manipulative Medicine/
42. exp exercise/
43. ((physical and therap*) or physio* or exercise* or movement* or aerobic* or pilates or stretch* or tai or yoga or (resistance and training) or rehab*).tw.
44. (nerve and (repair* or explor*)).tw.
45. or/38-44
46. 37 and 45
47. limit 46 to yr="1994 -Current"

2. NOTES

The search was conducted from 1994 onwards. According to the GDG, this is the date of publication for the earliest evidence on this topic.

Medline records were excluded in the search of CINAHL.

3. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers

4. Update Searches

For the update search, the same search criteria/filters were applied as initial search with a date limit of November 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	2	1	03/06/2015
<i>Premedline</i>	1	1	03/06/2015
<i>Embase</i>	4	0	03/06/2015
<i>Cochrane Library</i>	0	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	7	2	11/06/2015
<i>AMED</i>	0	0	03/06/2015
<i>PsycInfo</i>	0	0	03/06/2015
<i>PEDro</i>	0	0	12/06/2015
<i>CINAHL</i>	6	1	12/06/2015

Total References retrieved (after de-duplication): 2

Chapter 8: Follow-up and management of ORN

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: In people who are clinically disease free and who have undergone treatment for squamous cell cancer of the upper aerodigestive tract with curative intent, what is the optimal method(s), frequency, and duration of follow-up?

Question no: Topic M

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	955	254	19/03/2014
<i>Premedline</i>	Mar 18, 2014	50	16	19/03/2014
<i>Embase</i>	1974 -	1168	312	21/03/2014
<i>Cochrane Library</i>	As per database	78	4	19/03/2014
<i>Web of Science (SCI & SSCI) and ISI Proceedings</i>	1970 -	922	255	21/03/2014

Total References retrieved (after de-duplication): 416

Medline search strategy (*This search strategy is adapted to each database.*)

1. "head and neck neoplasms"/ or facial neoplasms/ or mouth neoplasms/ or otorhinolaryngologic neoplasms/
2. (("upper respiratory tract" or "upper airway* tract" or "upper aerodigestive tract" or "head and neck" or UAT or UADT or head or neck) adj3 (cancer* or neoplasm* or carcinoma* or tumor?r* or adenocarcinoma* or oncolog* or malignan* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
3. exp Mouth Neoplasms/
4. ((oral or intra-oral or intraoral or mouth or lip* or tongue or cheek* or cheek lin* or gingiv* or gum* or palat* or "roof of mouth" or odontogenic or teeth or tooth or buccal or buccal mucosa or face or facial or maxilla*) adj3 (cancer* or neoplasm* or carcinoma* or tumor?r* or adenocarcinoma* or oncolog* or malignan* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
5. exp Lip Neoplasms/
6. exp Gingival Neoplasms/
7. exp Palatal Neoplasms/
8. exp Tongue Neoplasms/
9. exp Tonsillar Neoplasms/
10. exp Mandibular Neoplasms/
11. exp Maxillary Neoplasms/
12. exp Odontogenic Tumors/
13. exp Oropharyngeal Neoplasms/
14. ((oropharyn* or tonsil* or retromolar*) adj3 (cancer* or neoplasm* or carcinoma* or tumor?r* or adenocarcinoma* or oncolog* or malignan* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
15. exp Pharyngeal Neoplasms/
16. ((pharyn* or throat) adj3 (cancer* or neoplasm* or carcinoma* or tumor?r* or adenocarcinoma* or oncolog* or malignan* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
17. exp Nasopharyngeal Neoplasms/
18. (nasopharyn* adj3 (cancer* or neoplasm* or carcinoma* or tumor?r* or adenocarcinoma* or oncolog* or malignan* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
19. exp Hypopharyngeal Neoplasms/

20. ((hypopharynx* or laryngopharynx*) adj3 (cancer* or neoplasm* or carcinoma* or tumor* or adenocarcinoma* or oncology* or malignant* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
21. exp Laryngeal Neoplasms/
22. ((larynx* or glottis* or epiglottis* or subglottis* or supraglottis* or vocal cord* or vocal fold* or voice box* or cordal) adj3 (cancer* or neoplasm* or carcinoma* or tumor* or adenocarcinoma* or oncology* or malignant* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
23. exp Paranasal Sinus Neoplasms/
24. ((nasal* or nose* or paranasal* or nasosinus* or sinonasal* or ((nasal* or frontal or ethmoidal or spheroid or maxillary) adj sinus*)) adj3 (cancer* or neoplasm* or carcinoma* or tumor* or adenocarcinoma* or oncology* or malignant* or lymphoma* or melanoma* or squamous or teratoma* or keratini?* or non-keratini?* or non keratini?* or differentiat* or undifferentiat* or basaloid* or neuroendocrin* or adenoid cystic or plasmacytoma* or esthesioneuroblastoma*)).tw.
25. or/1-24
26. exp Aftercare/
27. (follow up or followup or follow-up or surveillance or after-care or after care or aftercare).ti.
28. ((post treatment or post-treatment or posttreatment) adj2 (evaluate* or monitor* or care* or follow up or follow-up or followup or surveillance or after care or after-care or aftercare)).tw.
29. or/26-28
30. 25 and 29

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancer.

3. Any further comments

Basic exclusions filter only and no date limits applied. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search with a date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	1023 – sifted 73	8 + 3 (Pubmed)	12/06/2015
<i>Premedline (11 June 2015)</i>	83	20	12/06/2015
<i>Embase</i>	1281 - sifted 155	34	12/06/2015
<i>Cochrane Library</i>	90 – sifted 19	2	12/06/2015
<i>Cinahl</i>	15	3	12/06/2015
<i>Psychinfo</i>	9	4	12/06/2015
<i>AMED</i>	41	1	12/06/2015
<i>Web of Science (SCI & SSCI)</i>	1064 – sifted 188	26	12/06/2015

Total References retrieved (after de-duplication): 55

NATIONAL COLLABORATING CENTRE FOR CANCER

Cancer of the Upper Aero Digestive Tract Clinical Guideline

Literature search summary

Question title: What are the most effective methods of managing osteoradionecrosis following treatment of cancer of the upper aerodigestive tract?

Question no: Topic O1

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
Medline	1946 -	1440	673	25/09/2014
Premedline	Sept 24, 2014	85	33	25/09/2014
Embase	1974 -	1512	636	01/10/2014
Cochrane Library	As per database	51	25	25/09/2014
Web of Science (SCI & SSCI) and ISI Proceedings	1970 -	1093	459	30/09/2014
Psycinfo	1806 -	3	2	25/09/2014
AMED	1985 -	2	0	25/09/2014

Total References retrieved (after de-duplication): 1090

Medline search strategy (This search strategy is adapted to each database.)

1. exp "Head and Neck Neoplasms"/
2. (("head and neck" or "upper aero-digestive" or "upper aerodigestive" or "upper airway*" or "upper respiratory" or UAT or UADT) adj3 (cancer* or tumor?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
3. exp Mouth Neoplasms/
4. exp Lip Neoplasms/
5. exp Gingival Neoplasms/
6. exp Palatal Neoplasms/
7. exp Tongue Neoplasms/
8. exp Tonsillar Neoplasms/
9. exp Maxillary Neoplasms/
10. ((mouth or oral or intra-oral or intraoral or oral mucos* or lip* or tongue or cheek* or gingiva* or gum* or palat* or buccal or buccal mucosa* or maxilla* or tonsil*) adj3 (cancer* or tumor?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
11. exp Oropharyngeal Neoplasms/
12. ((oropharynx* or retromolar trigone) adj3 (cancer* or tumor?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
13. exp Pharyngeal Neoplasms/
14. exp Tracheal Neoplasms/
15. ((pharynx* or throat or trachea* or paratrachea* or windpipe*) adj3 (cancer* or tumor?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
16. exp Nasopharyngeal Neoplasms/
17. (nasopharynx* adj3 (cancer* or tumor?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
18. exp Hypopharyngeal Neoplasms/
19. ((hypopharynx* or laryngopharynx*) adj3 (cancer* or tumor?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
20. exp Laryngeal Neoplasms/
21. ((larynx* or glottis* or epiglottis* or subglottis* or supraglottis* or vocal cord* or vocal fold* or voice box* or cordal) adj3 (cancer* or tumor?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma)).tw.
22. exp Paranasal Sinus Neoplasms/
23. ((paranasal* or nasal* or nasosinus* or sinonasal* or ((nasal* or frontal or ethmoidal or spheroid or maxilla*) adj sinus*)) adj3 (cancer* or tumor?* or neoplas* or malignan* or carcinoma* or metasta* or adenocarcinoma* or oncolog* or melanoma or squamous or teratoma or lymphoma or plasmacytoma* or neuroendocrine or neuroblastoma* or esthesioneuroblastoma*)).tw.
24. or/1-23
25. exp Osteoradionecrosis/
26. osteoradionecrosis*.tw.
27. ((postradiation or postradiotherap* or radiation or radiotherap*) adj2 osteonecros*).tw.
28. radionecros*.tw.
29. Osteonecrosis/
30. osteonecros*.tw.

31 or/25-27
32 or/28-30
33 24 and 32
34 31 or 33

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on upper airways cancers.

3. Any further comments

Basic exclusions filter only and no date limits applied. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search with a date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	1338 – sifted 37	2 + 8 (Pubmed)	09/06/2015
<i>Premedline (8 June 2015)</i>	98	19	09/06/2015
<i>Embase</i>	1600 – sifted 208	18	09/06/2015
<i>Cochrane Library</i>	60	3	09/06/2015
<i>Web of Science (SCI & SSCI)</i>	1235 – sifted 213	22	09/06/2015
<i>AMED</i>	2	0	09/06/2015
<i>Psycinfo</i>	4 – sifted 1	0	09/06/2015
<i>Cinahl</i>	64	29 (all duplicates)	09/06/2015

Total References retrieved (after de-duplication): 51