Literature Search

ACR Appropriateness Criteria®

Staging and Post-Therapy Assessment of Head and Neck Cancer

Literature Search Performed on: 05/10/2022

Beginning Date: January 1995

End Date: April 2022

Database: Ovid MEDLINE(R) ALL <1946 to May 09, 2022>

Search Strategy

1 (ultrasound in staging or 18F-FDG PET can replace conventional work of screening for distant metastases or Imaging of salivary gland tumours or Comparison of fluorine-18-fluorodeoxyglucose).tw. (62)

2 Nose neoplasms/ and paranasal sinus neoplasm/ and nasal cavity/ and carcinoma/ (38)

3 ((Limited utility of routine surveillance MRI or Role of neck ultrasound).tw. or Brachytherapy/) and Radiopharmaceuticals/ and Nasopharyngeal Neoplasms/ (5)

4 (Nasopharyngeal neoplasms/ and diagnostic imaging/ and neoplasm staging/) or (Neoplasm Recurrence, Local/ and Outcome Assessment, Health Care/ and Practice Patterns, Physicians/) (24)

5 Risk factors/ and papillomaviridae/ and papillomavirus infections/ and prognosis/ and prevalence/ (41)

6 (Limited utility of routine surveillance MRI or Role of neck ultrasound during follow-up or Cancer Staging Manual or MRI as a single-step imaging modality in the staging).tw. (299)

7 (Preventive zinc supplementation or cell carcinoma tumor thickness or Invasion in Oral Tongue Cancer or Recurrence in Malignant Salivary Gland).tw. (32)

8 (Screening for distant metastases or PET can replace conventional work or Efficacy of radiologic screening or The role of thorax imaging).tw. (42)

9 (MR imaging of patterns or untreated nasopharyngeal carcinoma or recurrence of squamous cell carcinoma or patients with carcinoma of the sinus).tw. (230)

10 (Lymphatic Metastasis/ and Nasopharyngeal Neoplasms/ and Radiopharmaceuticals/) or (Randomized Controlled Trials as Topic/ and Carcinoma, Squamous Cell/ and Combined Modality Therapy/ and prognosis/) (55)

11 Carcinoma, Squamous Cell/ and Hypopharyngeal Neoplasms/ and Neoplasm Recurrence, Local/ and Tomography, X-Ray Computed/ (18)

12 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 (846)

13 limit 12 to yr="1995 -Current" (785)

Literature Search Performed on: 01/04/2022

Beginning Date: January 1995

End Date: December 2021

Database: Ovid MEDLINE(R) ALL <1946 to January 03, 2022>

Search Strategy

1 (Papillomaviridae/ and Papillomavirus Infections/ and prognosis/ and Risk Factors/) or (Radiography, Thoracic/ and Pharyngeal Neoplasms/) (200)

2 (Neoplasms, Multiple Primary/ and Bone Neoplasms/ and Liver Neoplasms/) or (Neoplasms, Second Primary/ and Liver/ and Carcinoma, Squamous Cell/) (62)

3 (Carcinoma/ and Nasopharyngeal Neoplasms/ and Neoplasm Recurrence, Local/ and Magnetic Resonance Imaging/) or (Fluorine Radioisotopes/ and Hypopharyngeal Neoplasms/ and Lymphatic Metastasis/) (54)

4 (Nasopharyngeal Neoplasms/ and Radiopharmaceuticals/ and Neoplasm Recurrence, Local/) or CT surveillance for primary site recurrence.tw. (50)

5 (Nasopharyngeal Carcinoma/ and Tomography, X-Ray Computed/ and Neoplasm Recurrence, Local/) or (Carcinoma, Squamous Cell/ and Thyroid Neoplasms/ and Positron-Emission Tomography/) or Staging of untreated nasopharyngeal.tw. (28)

6 (Outcome Assessment, Health Care/ and Neoplasm Recurrence, Local/ and Radiopharmaceuticals/) or staging of nonkeratinizing.tw. or therapy be used to detect local failure.tw. or Efficacy of radiologic screening.tw. (15)

7 (Neoplasms, Second Primary/ and Neoplasm, Residual/) or Posttreatment imaging in head.tw. or Value of F-18 FDG PET for Planning Treatment.tw. (106)

8 1 or 2 or 3 or 4 or 5 or 6 or 7 (503)

9 limit 8 to yr="1995 -Current" (469)

Literature Search

ACR Appropriateness Criteria®

Staging and Post-Therapy Assessment of Head and Neck Cancer

Literature Search Performed on: 07/12/2021

Beginning Date: January 2011

End Date: June 2021

Database: Ovid MEDLINE(R) ALL <1946 to July 09, 2021>

Search Strategy

1 "Head and Neck Neoplasms"/dg [Diagnostic Imaging] (4875)

2 Oropharyngeal neoplasms/dg [Diagnostic Imaging] (427)

3 Mouth Neoplasms/dg [Diagnostic Imaging] (925)

4 Hypopharyngeal neoplasms/dg [Diagnostic Imaging] (237)

5 Laryngeal neoplasms/dg [Diagnostic Imaging] (1299)

6 Neoplasms, unknown Primary/dg [Diagnostic Imaging] (425)

7 Nasopharyngeal Neoplasms/dg [Diagnostic Imaging] (1360)

8 Paranasal Sinus Neoplasms/dg [Diagnostic Imaging] (1216)

9 Salivary Gland Neoplasms/dg [Diagnostic Imaging] (480)

10 Parotid Neoplasms/dg [Diagnostic Imaging] (883)

11 "Head and Neck Neoplasms"/di [diagnosis] (7073)

12 Oropharyngeal neoplasms/di [diagnosis] (705)

13 Mouth Neoplasms/di [diagnosis] (5053)

14 Hypopharyngeal neoplasms/di [diagnosis] (360)

15 Laryngeal neoplasms/di [diagnosis] (3236)

16 Neoplasms, unknown Primary/di [diagnosis] (1111)

17 Nasopharyngeal Neoplasms/di [diagnosis] (2218)

18 Paranasal Sinus Neoplasms/di [diagnosis] (1668)

19 Salivary Gland Neoplasms/di [diagnosis] (1562)

20 Parotid Neoplasms/di [diagnosis] (1833)

21 Radiography/ or Magnetic Resonance Imaging/ or Tomography, X-Ray Computed/ or Positron-Emission Tomography/ or Ultrasonography/ or Magnetic Resonance Angiography/ or Computed Tomography Angiography/ (1264255)

22 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 (11201)

23 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 (23216)

24 21 and 23 (5365)

25 21 and 22 (7852)

26 24 or 25 (12290)

27 limit 26 to (abstracts and english language and humans and yr="2011 -Current") (3310)

28 limit 27 to "all child (0 to 18 years)" (464)

29 27 not 28 (2846)

30 limit 29 to case reports (715)

31 29 not 30 (2131)

Literature Search Performed on: 07/12/2021

Beginning Date: January 2011

End Date: June 2021

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Literature Search Performed on: 05/20/2021

Beginning Date: January 2011

End Date: April 2021

Database: Ovid MEDLINE(R) ALL <1946 to May 19, 2021>

Search Strategy

1 Surveillance/ or staging/ or diagnostic imaging/ or imaging/ or radiology/ or MR/ or CT/ or Ultrasound/ or CT Angiography/ or MR Angiography/ or PET/ (79189)

2 (Carcinoma, Squamous Cell/ and Paranasal Sinus Neoplasms/) or (Carcinoma/ and (Nasopharyngeal Neoplasms/ or Salivary Gland/)) (6481)

3 Submandibular gland/ or neoplasm/ or Nodal Metastasis/ or adenopathy/ or unknown primary/ or Lymphatic Metastasis/ or (Nasal Cavity/ and Esthesioneuroblastoma,Olfactory/) (543175)

4 Larynx cancer/ or carcinoma/ or neoplasm/ or squamous cell carcinoma/ or (Parotid Diseases/ and Parotid Neoplasms/) (666032)

5 Hypopharynx cancer/ or neoplasm/ or (Oropharyngeal Neoplasms/ and Carcinoma, Squamous Cell/) or (Paranasal Sinus Neoplasms/ and Paranasal Sinuses/) (444730)

6 Oral cavity cancer/ or (Nasal Cavity/ and Esthesioneuroblastoma,Olfactory/) or neoplasm/ or (Carcinoma, Squamous Cell/ and Paranasal Sinus Neoplasms/) (442433)

7 Head.mp. and (neck neoplasm/ or neck cancer/ or neck tumor/) (56876)

8 2 or 3 or 4 or 5 or 6 or 7 (781989)

9 1 and 8 (3497)

10 limit 9 to (abstracts and english language and humans and yr="2011 -Current") (1228)

11 limit 10 to "all child (0 to 18 years)" (69)

12 10 not 11 (1159)

13 limit 12 to case reports (55)

14 12 not 13 (1104)

15 limit 7 to (guideline or practice guideline) (115)

16 limit 15 to (abstracts and english language and humans and yr="2017 -Current") (20)

17 14 or 16 (1123)

Literature Search Performed on: 05/20/2021

Beginning Date: January 2011

End Date: April 2021

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Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	0	0
Literature Search(es)	4048	125
Author Added	6	0
Supporting Docs	6	5
Total		130

References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or biased results.