

*Supplementary material* for Amdal CD, et al. Patient-reported outcomes evaluating palliative radiotherapy and chemotherapy in patients with oesophageal cancer: A systematic review. *Acta Oncologica* 2013;52: 679–690.

## Appendix 1

### Search Strategy

*Ovid MEDLINE(R) in-process & other non-indexed citations and ovid MEDLINE(R) - 1950 to present*

Date: 21 January 2011

Result: 1538 articles

1. Esophageal Neoplasms/
2. (esophag\* or oesophag\* or gastroesophag\* or gastrooesophag\*).ti.
3. (neoplasm\* or cancer\* or oncol\* or carcinom\* or adenocarcinom\* or metasta\* or tumor\* or tumour\*).ti.
4. Cytostatic Agents/
5. Antineoplastic Agents/ or exp Antibiotics, Antineoplastic/ or exp Anticarcinogenic Agents/ or exp Antimetabolites, Antineoplastic/ or exp Antimitotic Agents/ or exp Antineoplastic Agents, Alkylating/ or exp Antineoplastic Agents, Hormonal/ or exp Antineoplastic Agents, Phytogenic/ or exp Myeloablative Agonists/
6. Chemotherapy, Adjuvant/
7. Antineoplastic Combined Chemotherapy Protocols/
8. Radiotherapy/ or Brachytherapy/ or Radioimmunotherapy/ or Radiotherapy, Adjuvant/ or Radiotherapy, Computer-Assisted/ or Radiotherapy Dosage/ or Radiotherapy, High-Energy/
9. (radiother\* or brachyther\* or radioimmunother\* or chemother\* or chemo-radiat\* or chemoradiat\* or cytotat\* or cytotox\* or chemoradiother\* or chemoimmunother\*).ti.
10. ((irradiat\* or radio\* or radiat\*) adj (treatment\* or therap\*)).ti.
11. Esophageal Neoplasms/rt [Radiotherapy]
12. (advanced or palliat\* or incur\* or non-cura\* or noncura\*).ti,ab.
13. metasta\*.ti.
14. Palliative Care/
15. 1 or (2 and 3)
16. or/4–11
17. or/12–14
18. 15 and 16 and 17
19. limit 18 to yr = "1990 -Current"

*Embase - 1980 to 2011 week 2*

Date: 21 January 2011

Result: 1549 articles

1. \*Esophagus Tumor/ or \*Esophagus Cancer/ or \*Esophageal Adenocarcinoma/ or \*Esophageal Squamous Cell Carcinoma/ or \*Esophagus Carcinoma/ or \*Esophagus Metastasis/
2. (esophag\* or oesophag\* or gastroesophag\* or gastrooesophag\*).ti.
3. (neoplasm\* or cancer\* or oncol\* or carcinom\* or adenocarcinom\* or metasta\* or tumor\* or tumour\*).ti.
4. exp \*Antineoplastic Agent/
5. exp \*Cancer Chemotherapy/
6. \*Cancer Radiotherapy/
7. (radiother\* or brachyther\* or radioimmunother\* or chemother\* or chemo-radiat\* or chemoradiat\* or cytotat\* or cytotox\* or chemoradiother\* or chemoimmunother\*).ti.
8. ((irradiat\* or radio\* or radiat\*) adj (treatment\* or therap\*)).ti.
9. \*Esophagus Tumor/[Radiotherapy]
10. \*Esophagus Cancer/[Radiotherapy]
11. \*Esophageal Adenocarcinoma/[Radiotherapy]
12. \*Esophageal Squamous Cell Carcinoma/[Radiotherapy]
13. \*Esophagus Carcinoma/[Radiotherapy]
14. \*Esophagus Metastasis/[Radiotherapy]
15. Palliative Therapy/ or Cancer Palliative Therapy/
16. Advanced Cancer/
17. (advanced or palliat\* or incur\* or non-cur\* or noncur\* or metasta\*).ti.
18. 1 or (2 and 3)
19. or/4–14
20. or/15–17
21. 18 and 19 and 20
22. limit 21 to yr = "1990 -Current"

*Cochrane Central Register of Controlled Trials*

Date: 21 January 2011

Result: 310 articles

1. MeSH descriptor Esophageal Neoplasms, this term only
2. (esophag\* or oesophag\* or gastroesophag\* or gastrooesophag\*):ti,ab,kw in Clinical Trials

3. (neoplasm\* or cancer\* or oncol\* or carcinom\* or adenocarcinom\* or metasta\* or tumor\* or tumour\*):ti,ab,kw in Clinical Trials
4. MeSH descriptor Cytostatic Agents explode all trees
5. MeSH descriptor Antineoplastic Agents, this term only
6. MeSH descriptor Antibiotics, Antineoplastic explode all trees
7. MeSH descriptor Anticarcinogenic Agents explode all trees
8. MeSH descriptor Antimetabolites, Antineoplastic explode all trees
9. MeSH descriptor Antimitotic Agents explode all trees
10. MeSH descriptor Antineoplastic Agents, Alkylating explode all trees
11. MeSH descriptor Antineoplastic Agents, Hormonal explode all trees
12. MeSH descriptor Antineoplastic Agents, Phyto-genic explode all trees
13. MeSH descriptor Myeloablative Agonists explode all trees
14. MeSH descriptor Chemotherapy, Adjuvant, this term only
15. MeSH descriptor Antineoplastic Combined Chemotherapy Protocols, this term only
16. MeSH descriptor Radiotherapy, this term only
17. MeSH descriptor Brachytherapy, this term only
18. MeSH descriptor Radioimmunotherapy, this term only
19. MeSH descriptor Radiotherapy, Adjuvant, this term only
20. MeSH descriptor Radiotherapy, Computer-Assisted, this term only
21. MeSH descriptor Radiotherapy Dosage, this term only
22. MeSH descriptor Radiotherapy, High-Energy, this term only
23. (radiother\* or brachyther\* or radioimmunother\* or chemother\* or chemo-radiat\* or chemoradiat\* or cytostat\* or cytotox\* or chemoradiother\* or chemoimmunother\*):ti,ab,kw in Clinical Trials
24. MeSH descriptor Palliative care, this term only
25. (metasta\*):ti in Clinical Trials
26. (advanced or palliat\* or incur\* or non-cura\* or noncura\*):ti,ab,kw in Clinical Trials
27. 1 or (2 and 3)
28. or/4-23
29. or/24-26
30. 27 and 28 and 29
31. limit 30 to yr = "1990 – 2011" Patient-reported outcomes in palliative oesophageal cancer patients