

Guideline topic: Lung cancer update

General comments: main search dates 2002- end 2011 an updated before publication

OID search stem (used in Medline and Embase)

1. lung neoplasms.mp. or exp Lung Neoplasms/
2. (lung adj (neoplas\$ or cancer\$ or carcinoma\$ or adenocarcinoma\$ or angiosarcoma\$ or crhondosarcoma\$ or sarcoma\$ or teratoma\$ or lymphoma\$ or blastoma\$ or microcytic\$ or carcinogenesis or tumour\$ or tumor\$ or metastat\$)).ti,ab.
3. (NSCL or SCLC).ti,ab.
4. or/1-3
5. *Lung/
6. *Carcinoma, Non-Small-Cell Lung/ or Lung/ or *Lung Neoplasms/ or *Small Cell Lung Carcinoma/
7. lung\$.tw.
8. pneumon\$.tw.
9. bronch\$.tw.
10. peribronch\$.tw.
11. alveobronch\$.tw.
12. bronchioalveolar.tw.
13. bronchi-alveolar.tw.
14. or/5-13
15. *neoplasms/ or *neoplasms by histologic type/
16. neoplasm\$.tw.
17. cancer\$.tw.
18. carcin\$.tw.
19. or/15-18
20. 14 and 19
21. 20 or 4
22. pancoast.tw.
23. (schneeberg adj disease).tw.
24. or/21-23
25. limit 24 to (abstracts and english language and humans and yr="2002 -Current")

Patient searches

The patient search was conducted using the search strategy outlined below in conjunction with the patient search filter.

Patient Search_NHG

Search filter developed by Nederlands Huisartsen Genootschap for identifying patient issues for guidelines. (2012)

1. exp Consumer Participation/
2. ((patient\$ or consumer\$) adj3 (participat\$ or decisi\$ or decid\$)).ti,ab.
3. "Patient Acceptance of Health Care"/
4. exp attitude to health/
5. consumer satisfaction/
6. exp *Consumer Satisfaction/
7. Patient Preference/
8. "patient-focused".ti,ab.
9. "patient-centered".ti,ab.
10. "patient-centred".ti,ab.
11. (patient adj3 (attitude\$ or preference\$)).ti,ab.
12. "patient satisfaction".ti.
13. cooperative behavior/
14. exp self-efficacy/
15. self-efficacy.ti,ab.
16. exp adaptation, psychological/
17. coping.ti,ab.
18. ("self-perception" or "self-concept").ti,ab.
19. exp health education/
20. patient education as topic/
21. exp attitude to health/
22. health knowledge, attitudes, practice/
23. "informed choice".ti,ab.
24. "shared decision making".ti,ab.
25. empowerment.tw.
26. ("focus group" adj3 (patient\$ or parent\$ or famil\$ or spouse\$)).ti,ab.
27. **"Quality of Life"/
28. "Quality of Life"/px [Psychology]
29. (QoL or "quality of life").ti.
30. personal autonomy/
31. self concept/
32. Consumer Advocacy/
33. freedom/
34. needs assessment/
35. patient advocacy/
36. self-help groups/
37. life change events/
38. attitude to death/

39. patient-centered care/
 40. exp professional-patient relations/
 41. self care/
 42. self-management.ti.
 43. ((patient\$ or consumer\$ or parent\$ or famil\$ or spouse\$)
adj (attitude\$ or involvement or desir\$ or perspective\$ or
activation or view\$ or preference\$)).ti,ab.
 44. "expert patient".ti,ab.
 45. or/1-44
 46. exp decision making/
 47. exp communication/
 48. stress, psychological/
 49. emotions/
 50. vignette*.ti,ab.
 51. or/46-50
 52. exp Patients/px [Psychology]
 53. (patient\$ or consumer\$).ti.
 54. or/52-53
 55. 51 and 54
 56. "focus group\$".ti,ab.
 57. focus groups/
 58. narration/
 59. qualitative.ti.
 60. or/56-59
 61. 45 or 55 or 60
- bases covered:*

Search strategies

KQ01 KQ02 KQ03

1. NPV.mp.
2. PPV.mp.
3. diagnostic performance.mp.
4. **Sensitivity and Specificity"/
5. *tomography, x-ray computed/ or *four-dimensional computed tomography/ or *tomography, spiral computed/
or *imaging, three-dimensional/
6. *Positron-Emission Tomography/ or *Tomography, Emission-Computed/ or PET CT.mp. or *Magnetic Resonance
Spectroscopy/
7. *Radiography, Thoracic/
8. radionuclide imaging.mp. or *Radionuclide Imaging/

9. (CGC or PET or SPECT or NEOTECT or NEOSPECT or NEOTEC).mp.
10. minimally invasive staging.mp.
11. *Endosonography/ or EBUS.mp. or *Ultrasonography, Interventional/
12. EBUS.mp.
13. EUS.mp.
14. mediastinoscopy.mp. or *Mediastinoscopy/
15. or/5-14
16. or/1-4
17. 15 and 16

KQ03b 3 to 4 stage

1. stage 3.mp.
2. stage III.mp.
3. stage 4.mp.
4. stage IV.mp.
5. T3.mp.
6. T4.mp.
7. TNM3.mp.
8. TNM4.mp.
9. N2.mp.
10. N3.mp.
11. M1A.mp.
12. M1B.mp.
13. metastas\$.mp.
14. (lymph adj node adj involv\$).mp.
15. (advanced adj stage).mp.
16. or/1-15

KQ04 brain mets

1. *Brain/
2. Brain/ or *Brain Stem Neoplasms/ or *Brain Neoplasms/
3. *Neoplasm Metastasis/ or metastatic.mp.
4. metastases.mp.
5. *Cranial Irradiation/ or *Cranial Nerve Neoplasms/ or cranial.mp.
6. *neoplasm invasiveness/ or neoplasm metastasis/ or *neoplasm seeding/ or *neoplasms, unknown primary/
7. or/1-6

KQ04 extra search 1May2012

1. *Tomography, Optical/ or *Spiral Cone-Beam Computed Tomography/ or tomography.mp. or *Electron Microscope Tomography/ or *Cone-Beam Computed Tomography/ or *Tomography, X-Ray Computed/ or *Tomography Scanners, X-Ray Computed/ or *"Positron-Emission Tomography and Computed Tomography"/ or *Four-Dimensional Computed Tomography/ or *Tomography, Emission-Computed/ or *Tomography, Optical

- Coherence/ or *Tomography, X-Ray/ or *Tomography, Spiral Computed/ or *Tomography/ or *Multidetector Computed Tomography/ or *Tomography, Emission-Computed, Single-Photon/ or *Positron-Emission Tomography/
2. radionuclide imaging.mp. or *Radionuclide Imaging/
 3. scintigraphy.mp.
 4. *Radiopharmaceuticals/
 5. *Positron-Emission Tomography/ or *Fluorodeoxyglucose F18/ or FDG.mp.
 6. *Positron-Emission Tomography/ or *Tomography, Emission-Computed/ or positron emission.mp. or *Tomography, X-Ray Computed/
 7. SPECT.mp.
 8. NEOSPECT.mp.
 9. gamma ray.mp. or *Gamma Rays/
 10. *Magnetic Resonance Imaging/ or MRI.mp. or *Magnetic Resonance Spectroscopy/
 11. *Radiotherapy, Image-Guided/ or *Radiotherapy, Conformal/ or *Radiotherapy, Intensity-Modulated/ or *Radiotherapy Setup Errors/ or *Radiotherapy, Computer-Assisted/ or *Radiotherapy Planning, Computer-Assisted/ or *Radiotherapy Dosage/ or *Radiotherapy, Adjuvant/ or *Radiotherapy/ or radiotherapy.mp. or *Radiotherapy, High-Energy/
 12. *Stereotaxic Techniques/ or stereotactic.mp.
 13. or/1-12
 14. exp Neoplasm Staging/ or staging.mp.
 15. diagnosis.mp. or exp Diagnosis/ or exp Diagnosis, Computer-Assisted/
 16. exp "Diagnostic Techniques and Procedures"/ or exp Diagnostic Test Approval/ or exp Molecular Diagnostic Techniques/ or exp Diagnostic Imaging/ or diagnostic.mp. or exp Diagnostic Errors/ or exp Diagnostic Services/ or exp Diagnostic Techniques, Radioisotope/
 17. exp "Sensitivity and Specificity"/ or exp "Reproducibility of Results"/ or exp "Predictive Value of Tests"/ or accuracy.mp.
 18. or/14-17
 19. 18 and 13
 20. *Brain/ or brain.mp. or *Brain Stem Neoplasms/ or *Brain Neoplasms/
 21. exp Cranial Irradiation/ or exp Cranial Nerve Neoplasms/ or cranial.mp.
 22. brain/ or exp brain stem/ or exp cerebral ventricles/ or exp limbic system/ or exp mesencephalon/ or exp prosencephalon/ or exp rhombencephalon/ or exp meninges/ or exp spinal cord/
 23. or/20-22
 24. ((brain or cranial) adj2 (metast\$ or invol\$ or spread)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, protocol supplementary concept, rare disease supplementary concept, unique identifier]
 25. 19 and 24
 26. metastatic.mp. or *Neoplasm Metastasis/
 27. 23 and 26 and 19
 28. 25 or 27

KQ05 CT biopsy and bronchoscopy

1. *biopsy/ or *biopsy, needle/ or *sentinel lymph node biopsy/
2. ct guided biopsy.mp.
3. *Biopsy, Fine-Needle/
4. exp bronchography/ or exp bronchoscopy/ or exp laryngoscopy/
5. endobronchoscopic.mp.
6. exp ultrasonography/ or exp elasticity imaging techniques/ or exp endosonography/ or exp ultrasonography, interventional/ or exp diagnostic techniques, respiratory system/
7. radial ultrasound.mp.
8. *Imaging, Three-Dimensional/ or x-ray guided.mp.
9. (electro adj2 navigation).mp. [mp=protocol supplementary concept, rare disease supplementary concept, title, original title, abstract, name of substance word, subject heading word, unique identifier]
10. or/1-9

KQ06 detecting metastasing malignancy

1. exp neoplasm metastasis/ or exp lymphatic metastasis/ or exp neoplasm seeding/ or exp neoplasms, unknown primary/ or exp neoplastic cells, circulating/
2. metastatic malignancy.mp.
3. 1 or 2
4. *Cytodiagnosis/ or *Biopsy, Fine-Needle/ or *Biopsy, Needle/ or aspiration cytology.mp.
5. exp Pleural Effusion/ or closed pleural biopsy.mp.
6. blind pleural biopsy.mp.
7. *Thoracoscopy/ or thoracoscopy.mp. or *Pleural Effusion, Malignant/
8. exp Radiography, Interventional/ or image guided biopsy.mp.
9. VATS pleural biopsy.mp.
10. exp Thoracic Surgery, Video-Assisted/ or video-assisted thorascopic.mp.
11. or/4-10
12. 3 and 11

KQ07 extra adrenal

1. adrenal mass.mp.
2. adrenal involvement.mp.
3. adrenal lesions.mp.
4. *Adrenal Gland Neoplasms/ or *Adrenal Glands/
5. or/1-4
6. *Magnetic Resonance Spectroscopy/ or *Positron-Emission Tomography/ or *Tomography, Emission-Computed/ or *Tomography, X-Ray Computed/ or PET CT.mp. or *Fluorodeoxyglucose F18/
7. *Image Enhancement/ or *Tomography, X-Ray Computed/ or *Magnetic Resonance Imaging/ or *Magnetic Resonance Spectroscopy/ or *Contrast Media/ or MRI.mp. or *Image Interpretation, Computer-Assisted/
8. ultrasound.mp.
9. *Ultrasonography/ or ultrasonography.mp.
10. or/6-9

11. 5 and 10
12. adrenal.mp.
13. (adrenal adj2 metasta\$).mp.
14. 12 or 13
15. 14 and 10
16. 15 not 11
17. lung cancer.mp.
18. lung neoplas\$.mp.
19. 17 or 18
20. 16 and 19
21. limit 20 to (abstracts and english language and humans and yr="2004 -Current")

KQ07 suspected lung cancer and adrenal mass

1. adrenal mass.mp.
2. adrenal involvement.mp.
3. adrenal lesions.mp.
4. *Adrenal Gland Neoplasms/ or *Adrenal Glands/
5. or/1-4
6. *Magnetic Resonance Spectroscopy/ or *Positron-Emission Tomography/ or *Tomography, Emission-Computed/ or *Tomography, X-Ray Computed/ or PET CT.mp. or *Fluorodeoxyglucose F18/
7. *Image Enhancement/ or *Tomography, X-Ray Computed/ or *Magnetic Resonance Imaging/ or *Magnetic Resonance Spectroscopy/ or *Contrast Media/ or MRI.mp. or *Image Interpretation, Computer-Assisted/
8. ultrasound.mp.
9. *Ultrasonography/ or ultrasonography.mp.
10. or/6-9
11. 5 and 10

KQ08 NSCLC radiother surg and RFA

1. non small cell lung cancer.mp. or exp Carcinoma, Non-Small-Cell Lung/
2. stereotactic radiotherapy.mp.
3. radiosurgery.mp. or exp Radiosurgery/
4. standard radical radiotherapy.mp.
5. RFA.mp.
6. exp ablation techniques/ or exp cryosurgery/ or exp high-intensity focused ultrasound ablation/
7. exp radiography, interventional/ or exp radiography, thoracic/
8. SABR.mp.
9. MWA.mp.
10. or/2-9
11. 1 and 10

KQ08 early stage

1. *Radiotherapy Planning, Computer-Assisted/ or *Radiosurgery/ or stereotactic radiotherapy.mp. or *Stereotaxic Techniques/
2. standard radical radiotherapy.mp.
3. radical radiotherapy.mp.
4. *Radiotherapy, Intensity-Modulated/ or *Radiotherapy, Conformal/ or *Radiotherapy Planning, Computer-Assisted/ or *Radiotherapy, Computer-Assisted/ or radiotherapy.mp. or *Radiotherapy Dosage/ or *Radiotherapy, Adjuvant/ or *Radiotherapy/ or *Radiotherapy, High-Energy/
5. radiofrequency ablation.mp.
6. thoracic surgery.mp. or *Thoracic Surgery/
7. or/1-6

KQ09 radiotherapy for NSCLC

1. non small cell lung cancer.mp. or *Carcinoma, Non-Small-Cell Lung/
2. radical radiotherapy.mp.
3. *Radiotherapy, Intensity-Modulated/ or *Radiotherapy, Conformal/ or *Radiotherapy Planning, Computer-Assisted/ or *Radiotherapy, Computer-Assisted/ or radiotherapy.mp. or *Radiotherapy Dosage/ or *Radiotherapy, Adjuvant/ or *Radiotherapy/ or *Radiotherapy, High-Energy/
4. *brachytherapy/ or *hemibody irradiation/ or *lymphatic irradiation/ or *radioimmunotherapy/ or *radiosurgery/ or *radiotherapy, adjuvant/ or *x-ray therapy/ or *rehabilitation/
5. or/2-4
6. 1 and 5

KQ10 IMRT or conformal radiotherapy

1. exp Radiotherapy Planning, Computer-Assisted/ or exp Radiotherapy, Intensity-Modulated/ or IMRT.mp. or exp Radiotherapy, Conformal/
2. conformal radiotherapy.mp.
3. 1 or 2

KQ11 brain mets for NSCLC

1. brain neoplasms.mp. or *Brain Neoplasms/
2. *central nervous system neoplasms/ or brain neoplasms/ or *meningeal neoplasms/ or *spinal cord neoplasms/
3. brain.mp.
4. cranial.mp.
5. mening\$.mp.
6. or/1-5
7. stereotaxic techniques.mp.
8. surgery.mp.
9. *general surgery/ or *neurosurgery/ or *thoracic surgery/
10. *Postoperative Complications/ or *Neurosurgical Procedures/
11. *Combined Modality Therapy/ or combined modality.mp. or *Antineoplastic Combined Chemotherapy Protocols/

12. *Radiotherapy, Image-Guided/ or *Radiotherapy, Adjuvant/ or *Radiotherapy/ or *Radiotherapy, Conformal/ or *Radiotherapy, Intensity-Modulated/ or radiotherapy.mp. or *Radiotherapy, Computer-Assisted/
13. *Cranial Irradiation/ or brain irradiation.mp.
14. *Radiation Oncology/
15. or/7-14
16. 6 and 15

KQ12 NICE strategy

1. brain neoplasms.mp. or *Brain Neoplasms/
2. meningeal neoplasms.mp. or *Meningeal Neoplasms/
3. central nervous system neoplasms.mp. or *Central Nervous System Neoplasms/
4. ((brain or intracranial or cerebral) adj5 metastas#s).mp.
5. ((single or solitary) adj2 metastas#s).mp.
6. metastatic brain.tw.
7. (meninge\$ adj5 (disease\$ or carcinoma\$ or tumour\$ or tumor\$ or spread or carcinosis or involvement or metast\$)).ti,ab.
8. ((brain or intracranial or cerebral or meninge\$) adj5 (second\$ or metast\$ or spread\$ or advanc\$ or termina\$)).mp.
9. ((CNS or central nervous system\$) adj5 (disease\$ or carcinoma\$ or tumour\$ or tumor\$ or spread or carcinosis or involvement or metast\$)).ti,ab.
10. cns neoplasm.mp. or *Central Nervous System Neoplasms/
11. or/1-10
12. neoplasm metastasis.mp. or exp Neoplasm Metastasis/
13. exp Brain/
14. meninges.mp. or exp Meninges/
15. 13 or 14
16. 15 and 12
17. 11 or 16

KQ12 SCLC PCI

1. non small cell lung cancer.mp. or *Carcinoma, Non-Small-Cell Lung/
2. NSCLC.mp.
3. 1 or 2
4. small cell lung cancer.mp. or *Small Cell Lung Carcinoma/
5. SCLC.mp.
6. 4 or 5
7. exp Cranial Irradiation/ or prophylactic cranial irradiation.mp.
8. brain irradiation.mp.
9. **"Brain"/re [Radiation Effects]
10. (brain adj3 irradiation).mp.
11. (cranial adj3 irradiation).mp.

12. or/7-11
13. 6 not 3
14. 12 and 13

KQ13 NSCLC and 1st line therapy

1. *drug therapy/ or *antineoplastic protocols/ or *chemoprevention/ or *chemotherapy, adjuvant/
2. chemotherapy.mp.
3. *antineoplastic agents/ or *angiogenesis inhibitors/ or *antibiotics, antineoplastic/ or *anticarcinogenic agents/ or *antimetabolites, antineoplastic/ or *antimitotic agents/ or *antineoplastic agents, alkylating/ or *antineoplastic agents, hormonal/ or *antineoplastic agents, phytogetic/ or *myeloablative agonists/ or *topoisomerase inhibitors/
4. targeted therapy.mp.
5. *Receptor, Epidermal Growth Factor/ or *Antibodies, Monoclonal/ or EGFR.mp. or *Epidermal Growth Factor/
6. *Enzyme Inhibitors/ or *Protein Kinase Inhibitors/ or EGFR inhibitors.mp.
7. or/1-6
8. non small cell lung cancer.mp. or *Carcinoma, Non-Small-Cell Lung/
9. NSCLC.mp.
10. 8 or 9
11. 7 and 10
12. first line.mp.
13. *Induction Chemotherapy/ or induction.mp.
14. induction therapy.mp.
15. induction chemotherapy.mp. or *Induction Chemotherapy/
16. induction treatment.mp.
17. primary treatment.mp.
18. primary therapy.mp.
19. initial therapy.mp.
20. initial treatment.mp.
21. or/12-20
22. 11 and 21
23. limit 22 to (abstracts and english language and humans and yr="2004 -Current")

KQ14 second line

1. *drug therapy/ or *antineoplastic protocols/ or *chemoprevention/ or *chemotherapy, adjuvant/
2. chemotherapy.mp.
3. *antineoplastic agents/ or *angiogenesis inhibitors/ or *antibiotics, antineoplastic/ or *anticarcinogenic agents/ or *antimetabolites, antineoplastic/ or *antimitotic agents/ or *antineoplastic agents, alkylating/ or *antineoplastic agents, hormonal/ or *antineoplastic agents, phytogetic/ or *myeloablative agonists/ or *topoisomerase inhibitors/
4. targeted therapy.mp.
5. *Receptor, Epidermal Growth Factor/ or *Antibodies, Monoclonal/ or EGFR.mp. or *Epidermal Growth Factor/

6. *Enzyme Inhibitors/ or *Protein Kinase Inhibitors/ or EGFR inhibitors.mp.
7. or/1-6
8. non small cell lung cancer.mp. or *Carcinoma, Non-Small-Cell Lung/
9. NSCLC.mp.
10. 8 or 9
11. 7 and 10
12. first line.mp.
13. *Induction Chemotherapy/ or induction.mp.
14. induction therapy.mp.
15. induction chemotherapy.mp. or *Induction Chemotherapy/
16. induction treatment.mp.
17. primary treatment.mp.
18. primary therapy.mp.
19. initial therapy.mp.
20. initial treatment.mp.
21. or/12-20
22. 11 and 21
23. limit 22 to (abstracts and english language and humans and yr="2004 -Current")
24. second-line.mp.
25. second line therapy.mp.
26. *drug therapy/ or *drug administration schedule/
27. ((second adj2 line) or second-line).ti.
28. or/24-27
29. 28 and 23

KQ15 NSCLC maintenance therapy

1. Non small cell lung cancer.mp. or *Carcinoma, Non-Small-Cell Lung/
2. NSCLC.mp.
3. 1 or 2
4. maintenance therapy.mp.
5. pemetrexed.mp.
6. *Antimetabolites, Antineoplastic/ or *Antimetabolites/ or antimetabolites.mp.
7. erlotinib.mp.
8. **Quinazolines"/ad [Administration & Dosage]
9. **Quinolines"/ad [Administration & Dosage]
10. **Pyrrolidinones"/ad [Administration & Dosage]
11. or/4-10
12. 11 and 3

KQ16 Lung cancer and smoking

1. *Tobacco, Smokeless/ or **Tobacco Use Disorder"/ or *Tobacco/ or tobacco.mp. or *Tobacco Smoke Pollution/

2. nicotine.mp. or *Nicotine/
3. *Smoking/ or smoking.mp. or *Smoking Cessation/
4. cigarette.mp.
5. or/1-4

KQ17 Lung cancer and bone mets

1. *Bone Neoplasms/ or bone metastases.mp.
2. bone metastases.mp.
3. *Neoplasm Metastasis/ or *Spinal Neoplasms/
4. *femoral neoplasms/ or *skull neoplasms/ or *spinal neoplasms/
5. *Neoplasm Metastasis/ or skeletal metastases.mp.
6. musculoskeletal metastases.mp.
7. musculoskeletal neoplasms.mp.
8. or/1-7
9. bisphosphonates.mp. or *Diphosphonates/
10. diphosphonates/ or *alendronate/ or *clodronic acid/ or *etidronic acid/ or *technetium tc 99m medronate/
11. *Bone Resorption/ or bone loss.mp. or *Bone Density/ or *Alveolar Bone Loss/
12. bone resorption.mp. or *Bone Resorption/
13. or/9-12
14. 8 and 13

KQ18 NSCLC curative resection and chemo

1. curative resection.mp.
2. *general surgery/ or *thoracic surgery/
3. surgical resection.mp.
4. *Thoracic Surgical Procedures/ or *Surgical Procedures, Operative/
5. or/1-4
6. adjuvant chemotherapy.mp. or *Chemotherapy, Adjuvant/
7. *combined modality therapy/ or *neoadjuvant therapy/
8. 6 or 7
9. 8 and 5
10. non small cell lung cancer.mp. or *Carcinoma, Non-Small-Cell Lung/
11. NSCLC.mp.
12. 10 or 11
13. 9 and 12

KQ19 NSCLC radical radiother and conc chemo

1. radical radiotherapy.mp.
2. radical therapy.mp.

3. *Radiotherapy, Intensity-Modulated/ or *Radiotherapy, Adjuvant/ or *Radiotherapy Dosage/ or *Radiotherapy/ or *Radiotherapy, Conformal/ or *Radiotherapy Planning, Computer-Assisted/ or *Radiotherapy, Computer-Assisted/ or *Radiotherapy, High-Energy/
4. *Combined Modality Therapy/ or chemoradiotherapy.mp.
5. salvage therapy.mp. or *Salvage Therapy/
6. *Cisplatin/ or concurrent chemotherapy.mp. or *Fluorouracil/ or *Antineoplastic Combined Chemotherapy Protocols/
7. *drug therapy/ or *antineoplastic protocols/ or *chemotherapy, adjuvant/ or *drug administration routes/ or *drug administration schedule/ or *drug delivery systems/ or *drug dosage calculations/ or *drug therapy, combination/ or *drug therapy, computer-assisted/ or *electrochemotherapy/
8. or/1-3
9. or/4-5
10. or/6-7
11. 9 or 10
12. 11 and 8

KQ20 safety and quality of case load

1. case load.mp.
2. volume of surgery.mp.
3. surgical experience.mp.
4. level of expertise.mp.
5. clinical competence.mp. or *Clinical Competence/
6. clinical experience.mp.
7. clinical specialisation.mp.
8. "Quality Control"/
9. or/1-8

KQ20 surgical techniques and terms

use with qual and safety of case load

1. cardiothoracic.mp.
2. thoracic.mp.
3. cardiothoracic surgeon.mp.
4. thoracic surgeon.mp.
5. cardiothoracic surgery.mp. or *thorax surgery/
6. thoracic surgery.mp.
7. open surgery.mp.
8. closed surgery.mp.
9. positive resection.mp.
10. resection rate\$.mp.
11. lung resection.mp.
12. (open adj chest).mp.

13. (closed adj chest).mp.
14. lung surgery.mp.
15. (pulmonary adj lobectomy).mp.
16. (sleeve adj lobectomy).mp.
17. (segment adj resection).mp.
18. (lobectomy or segmenectomy or pneumonectomy or thoracoctomy).mp.
19. *Thoracotomy/
20. *Pneumonectomy/
21. (wedge adj resection).mp.
22. *Thoracoscopy/ or *Thoracic Surgery, Video-Assisted/ or video assisted thorascopic.mp.
23. or/1-22

KQ21 lobectomy

1. lobectomy.mp. or exp Pneumonectomy/ or exp Anterior Temporal Lobectomy/ or exp Thoracic Surgery, Video-Assisted/
2. lobectomy.mp.
3. *Thoracic Surgery, Video-Assisted/ or *Thoracotomy/ or thoractomy.mp.
4. 1 or 2
5. 3 and 4

KQ22

1. *Lymph Node Excision/
2. *Neoplasm Staging/
3. lymph node sampling.mp.
4. node sampling.mp.
5. *Sentinel Lymph Node Biopsy/
6. (nod\$ adj biopsy).mp. [mp=protocol supplementary concept, rare disease supplementary concept, title, original title, abstract, name of substance word, subject heading word, unique identifier]
7. systematic dissection.mp.
8. mediastinal lymphadenectomy.mp.
9. *Lymphatic Metastasis/ or mediastinal node.mp.
10. or/1-9

KQ23 NSCLC IIIa

1. stage 3a.mp.
2. 3a.mp.
3. IIIa.mp.
4. microscopic stage 3a.mp.
5. microscopic 3a.mp.
6. microscopic stage.mp.
7. single zone stage.mp.

8. single nodal stage.mp.
9. *Neoplasm Staging/ or nodal stage.mp.
10. locally advanced.mp.
11. (T1N2M0 or T2N2M0 or T3N1M0 or T3N2M0).mp. [mp=title, abstract, original title, name of substance word, subject heading word, protocol supplementary concept, rare disease supplementary concept, unique identifier]
12. *lymph node metastasis/ or *mediastinum lymph node/ or ipsilateral mediastinal.mp.
13. N2 lymph node.mp.
14. nodal station.mp.
15. technically resectable.mp.
16. (lobal or (hilar adj lymph)).mp.
17. or/1-16
18. lung neoplasms.mp. or exp Lung Neoplasms/
19. (lung adj (neoplas\$ or cancer\$ or carcinoma\$ or adenocarcinoma\$ or angiosarcoma\$ or chondrosarcoma\$ or sarcoma\$ or teratoma\$ or lymphoma\$ or blastoma\$ or microcytic\$ or carcinogenesis or tumour\$ or tumor\$ or metastat\$)).ti,ab.
20. (NSCL or SCLC).ti,ab.
21. or/18-20
22. 17 and 21

KQ24 sclc and stage1

1. stage 1.mp.
2. stage1.mp.
3. stage 1a.mp.
4. stage 1b.mp.
5. t1n0m0.mp.
6. t2n0m0.mp.
7. *Lymphatic Metastasis/ or nodal involvement.mp.
8. or/1-6
9. 8 not 7
10. sclc.mp. or exp Carcinoma, Small Cell/
11. small cell lung cancer.mp. or Small Cell Lung Carcinoma/
12. 10 or 11
13. 12 and 9

KQ25 FEV1 and DLCO

1. forced expiratory volume.mp. or *Forced Expiratory Volume/
2. fev1.mp.
3. diffusing capacity of the lung for carbon monoxide.mp.
4. dlco.mp.
5. *Carbon Monoxide/ or *Respiratory Function Tests/ or *Pulmonary Diffusing Capacity/
6. or/1-5

