

Clinical effectiveness search strategies

EMBASE (OvidSP): 2000–11 Week 39

Searched 6 October 2011.

1. metastasis/ (154,939)
2. (Metasta\$ or meta-sta\$).ti,ab,ot,hw. (394,219)
3. or/1-2 (394,219)
4. (liver or hepato\$ or hepatic\$).ti,ab,ot,hw. (999,970)
5. 3 and 4 (64,975)
6. exp liver tumor/ (134,843)
7. FLL.ti,ab,ot. (104)
8. FLLs.ti,ab,ot. (41)
9. bile duct carcinoma/ (9888)
10. ((liver\$ or hepat\$) adj3 (cancer\$ or met\$ or malignan\$ or carcinoma\$ or tumo?r\$ or neoplas\$ or adeno\$ or angiom\$ or sarcoma\$ or angiosarcoma\$)).ti,ab,ot,hw. (210,520)
11. (hepatoma\$ or h?emangiosarcoma\$ or h?emangio-sarcoma\$).ti,ab,ot,hw. (24,960)
12. (Focal liver lesion\$ and (cancer\$ or met or mets or metasta\$ or malignan\$ or carcinoma\$ or tumo?r\$ or neoplas\$ or adeno\$ or angiom\$ or sarcoma\$ or angiosarcoma\$)).ti,ab,ot,hw. (845)
13. (BFLL or BFLLS).ti,ab,ot. (5)
14. (HCC or HCCs).ti,ab,ot. (25,130)
15. (Cholangiocarcinoma\$ or Cholangio-carcinoma\$).ti,ab,ot,hw. (6557)
16. (Bile duct\$ adj3 (cancer\$ or met\$ or malignan\$ or lesion\$ or carcinoma\$ or tumo?r\$ or neoplas\$ or adeno\$ or angiom\$ or sarcoma\$)).ti,ab,ot,hw. (18,232)
17. or/5-16 (252,012)
18. Echography/ or Echotomography/ (186,679)
19. ((ultrasonic\$ or ultra-sonic\$) adj4 (scan or imag\$ or echogram\$ or sonogra\$ or detect\$ or diagnos\$ or exam\$)).ti,ot,ab,hw. (7362)
20. (ultraso\$ or ultra-so\$ or sonogra\$ or Echotomogra\$ or Echo-tomogra\$ or echoscope\$ or echosound\$ or Echogra\$ or echogra\$ or tomo-echogra\$ or tomoechogra\$).ti,ot,ab,hw. (413,388)
21. or/18-20 (413,388)
22. Sulfur hexafluoride/ (1199)
23. (hexafluoruro-sulfurico or SF6 or SF-6 or sulphur hexa-fluoride\$ or sulphur hexafluoride\$ or sulfur hexa-fluoride\$ or sulfur hexafluoride\$).af. (2094)
24. or/22-23 (2094)
25. 21 and 24 (328)
26. Sonovist/ or Sonovue/ (1350)
27. (Sonovue or sono-vue or Sonavoid or Sonogen or sonagen or Sonavist).af. (1507)
28. (CE-US or CEUS).ti,ab,ot. (900)
29. ((Sulfur or Sulphur) adj2 (hexafluoride\$ or hexa-fluoride\$) adj4 (US or ultraso\$ or ultra-so\$ or sonogra\$ or Echotomogra\$ or Echo-tomogra\$ or echoscope\$ or echosound\$ or Echogra\$ or tomo-echogra\$ or tomoechogra\$ or imag\$)).af. (30)
30. (SF6US or SF6-US or SF-6US or SF-6-US).af. (0)
31. ((SF6 or SF6 or sulfur hexafluoride\$ or sulfur hexafluoride\$ or sulphur hexafluoride\$ or sulphur hexafluoride\$) adj4 (bubbl\$ or microbubbl\$ or micro-bubbl\$ or micropartic\$ or micro-partic\$)).af. (153)
32. or/26-31 (2114)
33. 25 or 32 (2203)

34. 17 and 33 (676)
35. exp Liver Tumor/di (23,736)
36. bile duct carcinoma/di (2943)
37. metastasis/di (11,811)
38. or/35-37 (36,762)
39. 24 and 38 (40)
40. 34 or 39 (676)
41. limit 40 to yr="2000-Current" (668)
42. limit 41 to embase (613)
43. animal/ or animal experiment/ (3,084,529)
44. (rat or rats or mouse or mice or murine or rodent or rodents or hamster or hamsters or pig or pigs or porcine or rabbit or rabbits or animal or animals or dogs or dog or cats or cow or bovine or sheep or ovine or monkey or monkeys).mp. (4,773,759)
45. or/43-44 (4,773,759)
46. exp human/ or human experiment/ (12,541,220)
47. 45 not (45 and 46) (3,833,028)
48. 42 not 47 (578)

MEDLINE (OvidSP): 2000–11 September Week 4

Searched 6 October 2011.

1. neoplasm metastasis/ or neoplasm seeding/ or neoplasms, unknown primary/ (79,582)
2. (Metasta\$ or meta-sta\$).ti,ab,ot,hw. (311,666)
3. or/1-2 (313,877)
4. (liver or hepato\$ or hepatic\$).ti,ab,ot,hw. (871,423)
5. 3 and 4 (46,193)
6. exp Liver Neoplasms/ (112,995)
7. exp Bile Duct Neoplasms/ (11,958)
8. Carcinoma, Hepatocellular/ (51,056)
9. (FLL or FLLs).ti,ab,ot. (95)
10. Cholangiocarcinoma/ (4146)
11. ((liver\$ or hepat\$) adj3 (cancer\$ or met\$ or malignan\$ or carcinoma\$ or tumo?r\$ or neoplas\$ or adeno\$ or angiom\$ or sarcoma\$ or angiosarcoma\$)).ti,ab,ot,hw. (169,576)
12. (hepatoma\$ or h?emangiosarcoma\$ or h?emangio-sarcoma\$).ti,ab,ot,hw. (27,800)
13. (Focal liver lesion\$ and (cancer\$ or met or mets or metasta\$ or malignan\$ or carcinoma\$ or tumo?r\$ or neoplas\$ or adeno\$ or angiom\$ or sarcoma\$ or angiosarcoma\$)).ti,ab,ot,hw. (712)
14. (BFL or BFLLs).ti,ab,ot. (3)
15. (HCC or HCCs).ti,ab,ot. (18,801)
16. (Cholangiocarcinoma\$ or Cholangio-carcinoma\$).ti,ab,ot,hw. (6205)
17. (Bile duct\$ adj3 (cancer\$ or met\$ or malignan\$ or lesion\$ or carcinoma\$ or tumo?r\$ or neoplas\$ or adeno\$ or angiom\$ or sarcoma\$)).ti,ab,ot,hw. (14,499)
18. or/5-17 (200,072)
19. ultrasonography/ or ultrasonography, doppler/ or exp ultrasonography, doppler, duplex/ or exp ultrasonography, doppler, pulsed/ (89,811)
20. ((ultrasonic\$ or ultra-sonic\$) adj4 (scan or imag\$ or echogram\$ or sonogra\$ or detect\$ or diagnos\$ or exam\$)).ti,ot,ab,hw. (6823)
21. (ultraso\$ or ultra-so\$ or sonogra\$ or Echotomogra\$ or Echo-tomogra\$ or echoscope\$ or echosound\$ or Echogra\$ or tomoechogra\$ or tomo-echogra\$).ti,ot,ab,hw. (276,299)
22. or/19-21 (280,667)
23. Sulfur Hexafluoride/ (1489)
24. (hexafluoruro-sulfurico or SF6 or SF-6 or sulphur hexa-fluoride\$ or sulphur hexafluoride\$ or sulfur hexa-fluoride\$ or sulfur hexafluoride\$).af. (2150)

25. or/23-24 (2150)
26. 22 and 25 (668)
27. (Sonovue or sono-vue or Sonovoid or Sonogen or sonagen or Sonavist).af. (505)
28. (CE-US or CEUS).ti,ab,ot. (524)
29. ((hexafluoruro-sulfurico or SF6 or SF-6) adj4 (US or ultraso\$ or ultra-so\$ or sonogra\$ or Echotomogra\$ or Echo-tomogra\$ or echoscop\$ or echosound\$ or Echogra\$ or tomoechogra\$ or tomo-echogra\$ or imag\$)).af. (7)
30. ((Sulfur or Sulphur) adj2 (hexafluoride\$ or hexa-fluoride\$) adj4 (US or ultraso\$ or ultra-so\$ or sonogra\$ or Echotomogra\$ or Echo-tomogra\$ or echoscop\$ or echosound\$ or Echogra\$ or tomoechogra\$ or tomo-echogra\$ or imag\$)).af. (28)
31. (SF6US or SF6-US or SF-6US or SF-6-US).af. (0)
32. ((SF6 or SF6 or sulphur hexafluoride\$ or sulphur hexa-fluoride\$ or sulfur hexafluoride\$ or sulfur hexa-fluoride\$) adj4 (bubbl\$ or microbubbl\$ or micro-bubbl\$ or micropartic\$ or micro-partic\$)).af. (213)
33. or/27-32 (1002)
34. 26 or 33 (1197)
35. 18 and 34 (367)
36. exp Liver Neoplasms/us (2714)
37. Carcinoma, Hepatocellular/us (1268)
38. exp Bile Duct Neoplasms/us (375)
39. Cholangiocarcinoma/us (137)
40. Neoplasm Metastasis/us (51)
41. Neoplasm Seeding/ra (1)
42. Neoplasms, Unknown Primary/us (21)
43. or/36-42 (3101)
44. 25 and 43 (163)
45. 35 or 44 (368)
46. limit 45 to yr="2000 -Current" (363)
47. animals/ not (animals/ and humans/) (3,606,824)
48. 46 not 47 (342)

MEDLINE In-Process & Other Non-Indexed Citations (OvidSP): 2000–5 October 2011

MEDLINE Daily Update (OvidSP): 2000–5 October 2011

Searched 6 October 2011.

1. neoplasm metastasis/ or neoplasm seeding/ or neoplasms, unknown primary/ (66)
2. (Metasta\$ or meta-sta\$).ti,ab,ot,hw. (12,580)
3. or/1-2 (12,581)
4. (liver or hepat\$ or hepatic\$).ti,ab,ot,hw. (21,219)
5. 3 and 4 (1428)
6. exp Liver Neoplasms/ (134)
7. exp Bile Duct Neoplasms/ (6)
8. Carcinoma, Hepatocellular/ (99)
9. (FLL or FLLs).ti,ab,ot. (21)
10. Cholangiocarcinoma/ (7)
11. ((liver\$ or hepat\$) adj3 (cancer\$ or met\$ or malignan\$ or carcinoma\$ or tumo?r\$ or neoplas\$ or adeno\$ or angioma\$ or sarcoma\$ or angiosarcoma\$)).ti,ab,ot,hw. (4928)
12. (hepatoma\$ or h?emangiosarcoma\$ or h?emangio-sarcoma\$).ti,ab,ot,hw. (482)
13. (Focal liver lesion\$ and (cancer\$ or met or mets or metasta\$ or malignan\$ or carcinoma\$ or tumo?r\$ or neoplas\$ or adeno\$ or angioma\$ or sarcoma\$ or angiosarcoma\$)).ti,ab,ot,hw. (22)
14. (BFLL or BFLLS).ti,ab,ot. (0)
15. (HCC or HCCs).ti,ab,ot. (1356)

16. (Cholangiocarcinoma\$ or Cholangio-carcinoma\$).ti,ab,ot,hw. (319)
17. (Bile duct\$ adj3 (cancer\$ or met\$ or malignan\$ or lesion\$ or carcinoma\$ or tumor\$ or neoplas\$ or adeno\$ or angioma\$ or sarcoma\$)).ti,ab,ot,hw. (130)
18. or/5-17 (5956)
19. ultrasonography/ or ultrasonography, doppler/ or exp ultrasonography, doppler, duplex/ or exp ultrasonography, doppler, pulsed/ (57)
20. ((ultrasonic\$ or ultra-sonic\$) adj4 (scan or imag\$ or echogram\$ or sonogra\$ or detect\$ or diagnos\$ or exam\$)).ti,ot,ab,hw. (349)
21. (ultraso\$ or ultra-so\$ or sonogra\$ or Echotomogra\$ or Echo-tomogra\$ or echoscope\$ or echosound\$ or Echogra\$ or tomoechogra\$ or tomo-echogra\$).ti,ot,ab,hw. (11,431)
22. or/19-21 (11,432)
23. Sulfur Hexafluoride/ (0)
24. (hexafluoruro-sulfurico or SF6 or SF-6 or sulphur hexa-fluoride\$ or sulphur hexafluoride\$ or sulfur hexa-fluoride\$ or sulfur hexafluoride\$).af. (316)
25. or/23-24 (316)
26. 22 and 25 (3)
27. (Sonovue or sono-vue or Sonavoid or Sonogen or sonagen or Sonavist).af. (34)
28. (CE-US or CEUS).ti,ab,ot. (82)
29. ((hexafluoruro-sulfurico or SF6 or SF-6) adj4 (US or ultraso\$ or ultra-so\$ or sonogra\$ or Echotomogra\$ or Echo-tomogra\$ or echoscop\$ or echosound\$ or Echogra\$ or tomoechogra\$ or tomo-echogra\$ or imag\$)).af. (1)
30. ((Sulfur or Sulphur) adj2 (hexafluoride\$ or hexa-fluoride\$) adj4 (US or ultraso\$ or ultra-so\$ or sonogra\$ or Echotomogra\$ or Echo-tomogra\$ or echoscop\$ or echosound\$ or Echogra\$ or tomoechogra\$ or tomo-echogra\$ or imag\$)).af. (0)
31. (SF6US or SF6-US or SF-6US or SF-6-US).af. (0)
32. ((SF6 or SF6 or sulphur hexafluoride\$ or sulphur hexa-fluoride\$ or sulfur hexafluoride\$ or sulfur hexa-fluoride\$) adj4 (bubbl\$ or microbubbl\$ or micro-bubbl\$ or micropartic\$ or micro-partic\$)).af. (2)
33. or/27-32 (103)
34. 26 or 33 (104)
35. 18 and 34 (40)
36. exp Liver Neoplasms/us (2)
37. Carcinoma, Hepatocellular/us (1)
38. exp Bile Duct Neoplasms/us (0)
39. Cholangiocarcinoma/us (0)
40. Neoplasm Metastasis/us (0)
41. Neoplasm Seeding/ra (0)
42. Neoplasms, Unknown Primary/us (0)
43. or/36-42 (2)
44. 25 and 43 (0)
45. 35 or 44 (40)
46. limit 45 to yr="2000 -Current" (40)
47. animals/ not (animals/ and humans/) (2179)
48. 46 not 47 (40)

Cochrane Database of Systematic Reviews (Wiley): Issue 10, 2011
Cochrane Central Register of Controlled Trials (Wiley): Issue 4, 2011

www.thecochranelibrary.com/

Search limited to 2000–11.

Searched 6 October 2011.

- #1 MeSH descriptor Neoplasm Metastasis, this term only (1725)
- #2 MeSH descriptor Neoplasm Seeding, this term only (25)
- #3 MeSH descriptor Neoplasms, Unknown Primary, this term only (32)

- #4 (Metasta* or meta-sta*):ti,ab,kw (10,876)
- #5 (#1 OR #2 OR #3 OR #4) (10,908)
- #6 (liver or hepato* or hepatic*):ti,ab,kw (30,235)
- #7 (#5 AND #6) (1342)
- #8 MeSH descriptor Liver Neoplasms explode all trees (1521)
- #9 MeSH descriptor Bile Duct Neoplasms explode all trees (128)
- #10 MeSH descriptor Carcinoma, Hepatocellular, this term only (769)
- #11 MeSH descriptor Cholangiocarcinoma, this term only (41)
- #12 (FLL or FLLs):ti,ab (0)
- #13 ((liver* or hepat*) near/3 (cancer* or met* or malignan* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma* or angiosarcoma*)):ti,ab,kw (5985)
- #14 (hepatoma* or hemangiosarcoma* or hemangio-sarcoma* or haemangiosarcoma* or haemangio-sarcoma*):ti,ab,kw (71)
- #15 ((Focal NEXT liver NEXT lesion*) and (cancer* or met or mets or metasta* or malignan* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma* or angiosarcoma*)):ti,ab,kw (20)
- #16 (BFLL or BFLLS or HCC or HCCs):ti,ab (563)
- #17 (Cholangiocarcinoma* or Cholangio-carcinoma*):ti,ab,kw (70)
- #18 ((Bile NEXT duct*) near/3 (cancer* or met* or malignan* or lesion* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma*)):ti,ab,kw (236)
- #19 (#7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18) (6625)
- #20 MeSH descriptor Ultrasonography, this term only (743)
- #21 MeSH descriptor Ultrasonography, Doppler, this term only (403)
- #22 MeSH descriptor Ultrasonography, Doppler, Duplex explode all trees (696)
- #23 MeSH descriptor Ultrasonography, Doppler, Pulsed explode all trees (120)
- #24 ((ultrasonic* or ultra-sonic*) near/4 (scan or imag* or echogram* or sonogra* or detect* or diagnos* or exam*)):ti,ab,kw (141)
- #25 (ultraso* or ultra-so* or sonogra* or Echotomogra* or Echo-tomogra* or echoscope* or echosound* or Echogra* or tomoechogra* or tomo-echogra*):ti,ab,kw (14,089)
- #26 (#20 OR #21 OR #22 OR #23 OR #24 OR #25) (14,122)
- #27 MeSH descriptor Sulfur Hexafluoride, this term only (54)
- #28 (hexafluoruro-sulfurico or SF6 or SF-6 or (sulphur NEXT hexafluoride*) or (sulphur NEXT hexafluoride*) or (sulfur NEXT hexafluoride*) or (sulfur NEXT hexafluoride*)) (125)
- #29 (#27 OR #28) (125)
- #30 (#26 AND #29) (39)
- #31 (Sonovue or sono-vue or Sonavoid or Sonogen or sonagen or Sonavist) (35)
- #32 (CE-US or CEUS):ti,ab (16)
- #33 ((hexafluoruro-sulfurico or SF6 or SF-6) near/4 (US or ultraso* or ultra-so* or sonogra* or Echotomogra* or Echo-tomogra* or echoscop* or echosound* or Echogra* or tomoechogra* or tomo-echogra* or imag*)) (2)
- #34 ((Sulfur or Sulphur) near/2 (hexafluoride* or hexa-fluoride*) near/4 (US or ultraso* or ultra-so* or sonogra* or Echotomogra* or Echo-tomogra* or echoscop* or echosound* or Echogra* or tomoechogra* or tomo-echogra* or imag*)) (11)
- #35 (SF6US or SF6-US or SF-6US or SF-6-US) (0)
- #36 ((SF6 or SF6 or (sulphur NEXT hexafluoride*) or (sulphur NEXT hexa-fluoride*) or (sulfur NEXT hexafluoride*) or (sulfur NEXT hexa-fluoride*)) near/4 (bubbl* or microbubbl* or micro-bubbl* or micropartic* or micro-partic*)) (4)
- #37 (#31 OR #32 OR #33 OR #34 OR #35 OR #36) (56)
- #38 (#30 OR #37) (67)
- #39 (#19 AND #38) (15)
- #40 MeSH descriptor Liver Neoplasms explode all trees with qualifier: US (51)
- #41 MeSH descriptor Carcinoma, Hepatocellular, this term only with qualifier: US (23)

- #42 MeSH descriptor Bile Duct Neoplasms explode all trees with qualifier: US (4)
- #43 MeSH descriptor Cholangiocarcinoma explode all trees with qualifier: US (1)
- #44 MeSH descriptor Neoplasm Metastasis, this term only with qualifier: US (0)
- #45 MeSH descriptor Neoplasm Seeding, this term only with qualifier: US (0)
- #46 MeSH descriptor Neoplasms, Unknown Primary, this term only with qualifier: US (0)
- #47 (#40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46) (55)
- #48 (#39 OR #47), from 2000 to 2011 (40)

CDSR search retrieved 1 reference.

CENTRAL search retrieved 31 references.

Database of Abstracts of Reviews of Effects via The Cochrane Library (Wiley): 2000–6 October 2011

Health Technology Assessment database via The Cochrane Library (Wiley): 2000–7 October 2011

www.thecochranelibrary.com/

Search limited to 2000–11.

Searched 6 October 2011.

- #1 MeSH descriptor Neoplasm Metastasis, this term only (1725)
- #2 MeSH descriptor Neoplasm Seeding, this term only (25)
- #3 MeSH descriptor Neoplasms, Unknown Primary, this term only (32)
- #4 (Metasta* or meta-sta*):ti,ab,kw (10,876)
- #5 (#1 OR #2 OR #3 OR #4) (10,908)
- #6 (liver or hepato* or hepatic*):ti,ab,kw (30,235)
- #7 (#5 AND #6) (1342)
- #8 MeSH descriptor Liver Neoplasms explode all trees (1521)
- #9 MeSH descriptor Bile Duct Neoplasms explode all trees (128)
- #10 MeSH descriptor Carcinoma, Hepatocellular, this term only (769)
- #11 MeSH descriptor Cholangiocarcinoma, this term only (41)
- #12 (FLL or FLLs):ti,ab (0)
- #13 ((liver* or hepat*) near/3 (cancer* or met* or malignan* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma* or angiosarcoma*)):ti,ab,kw (5985)
- #14 (hepatoma* or hemangiosarcoma* or hemangio-sarcoma* or haemangiosarcoma* or haemangio-sarcoma*):ti,ab,kw (71)
- #15 ((Focal NEXT liver NEXT lesion*) and (cancer* or met or mets or metasta* or malignan* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma* or angiosarcoma*)):ti,ab,kw (20)
- #16 (BFLL or BFLLs or HCC or HCCs):ti,ab (563)
- #17 (Cholangiocarcinoma* or Cholangio-carcinoma*):ti,ab,kw (70)
- #18 ((Bile NEXT duct*) near/3 (cancer* or met* or malignan* or lesion* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma*)):ti,ab,kw (236)
- #19 (#7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18) (6625)
- #20 MeSH descriptor Ultrasonography, this term only (743)
- #21 MeSH descriptor Ultrasonography, Doppler, this term only (403)
- #22 MeSH descriptor Ultrasonography, Doppler, Duplex explode all trees (696)
- #23 MeSH descriptor Ultrasonography, Doppler, Pulsed explode all trees (120)
- #24 ((ultrasonic* or ultra-sonic*) near/4 (scan or imag* or echogram* or sonogra* or detect* or diagnos* or exam*)):ti,ab,kw (141)
- #25 (ultraso* or ultra-so* or sonogra* or Echotomogra* or Echo-tomogra* or echoscope* or echosound* or Echogra* or tomoechogra* or tomo-echogra*):ti,ab,kw (14,089)
- #26 (#20 OR #21 OR #22 OR #23 OR #24 OR #25) (14,122)

- #27 MeSH descriptor Sulfur Hexafluoride, this term only (54)
- #28 (hexafluoruro-sulfurico or SF6 or SF-6 or (sulphur NEXT hexafluoride*) or (sulphur NEXT hexafluoride*) or (sulfur NEXT hexafluoride*) or (sulfur NEXT hexafluoride*)) (125)
- #29 (#27 OR #28) (125)
- #30 (#26 AND #29) (39)
- #31 (Sonovue or sono-vue or Sonavoid or Sonogen or sonagen or Sonavist) (35)
- #32 (CE-US or CEUS):ti,ab (16)
- #33 ((hexafluoruro-sulfurico or SF6 or SF-6) near/4 (US or ultraso* or ultra-so* or sonogra* or Echotomogra* or Echo-tomogra* or echoscop* or echosound* or Echogra* or tomoechogra* or tomo-echogra* or imag*)) (2)
- #34 ((Sulfur or Sulphur) near/2 (hexafluoride* or hexa-fluoride*) near/4 (US or ultraso* or ultra-so* or sonogra* or Echotomogra* or Echo-tomogra* or echoscop* or echosound* or Echogra* or tomoechogra* or tomo-echogra* or imag*)) (11)
- #35 (SF6US or SF6-US or SF-6US or SF-6-US) (0)
- #36 ((SF6 or SF6 or (sulphur NEXT hexafluoride*) or (sulphur NEXT hexafluoride*) or (sulfur NEXT hexafluoride*) or (sulfur NEXT hexafluoride*)) near/4 (bubbl* or microbubbl* or micro-bubbl* or micropartic* or micro-partic*)) (4)
- #37 (#31 OR #32 OR #33 OR #34 OR #35 OR #36) (56)
- #38 (#30 OR #37) (67)
- #39 (#19 AND #38) (15)
- #40 MeSH descriptor Liver Neoplasms explode all trees with qualifier: US (51)
- #41 MeSH descriptor Carcinoma, Hepatocellular, this term only with qualifier: US (23)
- #42 MeSH descriptor Bile Duct Neoplasms explode all trees with qualifier: US (4)
- #43 MeSH descriptor Cholangiocarcinoma explode all trees with qualifier: US (1)
- #44 MeSH descriptor Neoplasm Metastasis, this term only with qualifier: US (0)
- #45 MeSH descriptor Neoplasm Seeding, this term only with qualifier: US (0)
- #46 MeSH descriptor Neoplasms, Unknown Primary, this term only with qualifier: US (0)
- #47 (#40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46) (55)
- #48 (#39 OR #47), from 2000 to 2011 (40)

DARE search retrieved 2 records.

HTA search retrieved 0 records.

Database of Abstracts of Reviews of Effects (Internet) (top-up search for currency)

Health Technology Assessment database (Internet) (top-up search for currency)

Records added to CRD databases between 1 January 2011 and 6 October 2011.

www.york.ac.uk/inst/crd/

Searched 7 October 2011.

1. ((hexafluoruro-sulfurico or SF6 or SF-6)) (414)
2. (US or ultraso* or ultra-so* or sonogra* or Echotomogra* or Echo-tomogra* or echoscop* or echosound* or Echogra* or tomoechogra* or tomo-echogra* or imag*) (17,021)
3. #1 and #2 (155)
4. (CE-US or CEUS):ti,ab (188)
5. ((Sonovue or sono-vue or Sonavoid or Sonogen or sonagen or Sonavist)) (0)
6. (SF6US or SF6-US or SF-6US or SF-6-US) (0)
7. (Sulfur or Sulphur) AND (hexafluoride* or hexa-fluoride*) AND (US or ultraso* or ultra-so* or sonogra* or Echotomogra* or Echo-tomogra* or echoscop* or echosound* or Echogra* or tomoechogra* or tomo-echogra* or imag*) (4)
8. (SF6 or SF6) AND (bubbl* or microbubbl* or micro-bubbl* or micropartic* or micro-partic*) (0)

9. (sulphur NEXT hexafluoride*) AND (bubbl* or microbubbl* or micro-bubbl* or micropartic* or micro-partic*) (0)
10. (sulfur NEXT hexafluoride*) AND (bubbl* or microbubbl* or micro-bubbl* or micropartic* or micro-partic*) (0)
11. #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 (346)
12. (liver or hepato* or hepatic* or FLL or FLLs) (1877)
13. (hepatoma* or hemangiosarcoma* or hemangio-sarcoma* or haemangiosarcoma* or haemangio-sarcoma*) (7)
14. (BFLL or BFLLS or HCC or HCCs) (70)
15. (Cholangiocarcinoma* or Cholangio-carcinoma*) (20)
16. (Bile NEXT duct*) (140)
17. #12 OR #13 OR #14 OR #15 OR #16 (1965)
18. #11 AND #17 (19)
19. * IN DARE WHERE PD FROM 01/01/2011 TO 07/10/2011 (3108)
20. **#18 AND #19 (2)**
21. * IN HTA WHERE PD FROM 01/01/2011 TO 07/10/2011 (1418)
22. #18 AND #21 (0)

Science Citation Index (Web of Science): 2000–11

Search limited to 2000–6 October 2011.

Searched 7 October 2011.

#25	416	#23 not #24
#24	1,035,565	TS=(cat or cats or dog or dogs or animal or animals or rat or rats or hamster or hamster or feline or ovine or canine or bovine or sheep)
#23	450	#9 AND #22
#22	1281	#21 OR #14
#21	1273	#20 OR #19 OR #18 OR #17 OR #16 OR #15
#20	144	TS=((SF6 or SF6 or (sulphur SAME hexafluoride*) or (sulphur SAME hexafluoride*) or (sulfur SAME hexafluoride*) or (sulfur SAME hexafluoride*)) SAME (bubbl* or microbubbl* or micro-bubbl* or micropartic* or micro-partic*))
#19	0	TS=(SF6US or SF6-US or SF-6US or SF-6-US)
#18	36	TS=((Sulfur or Sulphur) SAME (hexafluoride* or hexa-fluoride*) near/4 (US or ultraso* or ultra-so* or sonogra* or Echotomogra* or Echo-tomogra* or echoscop* or echosound* or Echogra* or tomoechogra* or tomo-echogra* or imag*))
#17	213	TS=((hexafluoruro-sulfurico or SF6 or SF-6) SAME (US or ultraso* or ultra-so* or sonogra* or Echotomogra* or Echo-tomogra* or echoscop* or echosound* or Echogra* or tomoechogra* or tomo-echogra* or imag*))
#16	576	TS=(CE-US or CEUS)
#15	546	TS=(Sonovue or sono-vue or Sonavoid or Sonogen or sonagen or Sonavist)
#14	135	#12 AND #13
#13	3932	TS=(hexafluoruro-sulfurico or SF6 or SF-6 or (sulphur SAME hexafluoride*) or (sulphur SAME hexa-fluoride*) or (sulfur SAME hexafluoride*) or (sulfur SAME hexa-fluoride*))
#12	166,385	#11 OR #10
#11	166,385	TS=(ultraso* or ultra-so* or sonogra* or Echotomogra* or Echo-tomogra* or echoscope* or echosound* or Echogra* or tomoechogra* or tomo-echogra*)
#10	14,050	TS=((ultrasonic* or ultra-sonic*) SAME (scan or imag* or echogram* or sonogra* or detect* or diagnos* or exam*))
#9	239,703	#8 OR #7 OR #6 OR #5 OR #4 OR #3 OR #2 OR #1
#8	9832	TS=((Bile SAME duct*) SAME (cancer* or met* or malignan* or lesion* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma*))
#7	4831	TS=(Cholangiocarcinoma* or Cholangio-carcinoma*)

#6	1966	TI=(BFLl or BFLLS or HCC or HCCs)
#5	1584	TS=((Focal SAME liver SAME lesion*) SAME (cancer* or met or mets or metasta* or malignan* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma* or angiosarcoma*))
#4	10,317	TS=(hepatoma* or hemangiosarcoma* or hemangio-sarcoma* or haemangiosarcoma* or haemangio-sarcoma*)
#3	230,065	TS=((liver* or hepat*) SAME (cancer* or met* or malignan* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma* or angiosarcoma*))
#2	224	TS=(FLL or FLLs)
#1	24,460	TS=((Metasta* or meta-sta*) AND (liver or hepato* or hepatic*))

ClinicalTrials.gov (Internet)

<http://clinicaltrials.gov/ct2/search/advanced>

Searched 7 October 2011.

Advanced search option – search terms box

Search terms	Condition	Results
Sonovue OR sono-vue OR Sonavoid OR Sonogen OR sonagen OR Sonavist		22
CE-US OR CEUS		18
SF6US OR SF6-US OR SF-6US OR SF-6-US		0
(SF6 OR SF6) AND (liver OR hepato* OR hepatic* OR FLL OR FLLS OR BFLL OR BFLLS OR HCC OR HCCs OR hepatoma* OR hemangiosarcoma* OR hemangio-sarcoma* OR haemangiosarcoma* OR haemangio-sarcoma*)		0
SF6 OR SF6		0/11
(sulphur hexafluoride*) OR (sulphur hexafluoride*) OR (sulfur hexa-fluoride*) OR (sulfur hexa-fluoride*)		22
(hexafluoruro-sulfurico OR SF6 OR SF-6 OR (sulphur hexafluoride*) OR (sulphur hexafluoride*) OR (sulfur hexafluoride*) OR (sulfur hexafluoride*))	(liver OR hepato* OR hepatic* OR FLL OR FLLS OR BFLL OR BFLLS OR HCC OR HCCs OR hepatoma* OR hemangiosarcoma* OR hemangio-sarcoma* OR haemangiosarcoma* OR haemangio-sarcoma*)	8
Total		70

metaRegister of Controlled Trials (Internet)

www.controlled-trials.com/

Searched 7 October 2011.

Search terms	Results
CE-US OR CEUS	7
Sonovue OR sono-vue OR Sonavoid OR Sonogen OR sonagen OR Sonavist	4
(SF6US OR SF6-US OR SF-6US OR SF-6-US) and (liver or hepato or hepatic)	110
(SF6 OR SF6) AND (liver OR hepato OR hepatic OR FLL OR FLLS OR BFLL OR BFLLS OR HCC OR HCCs OR hepatoma* OR hemangiosarcoma OR hemangio-sarcoma OR haemangiosarcoma OR haemangio-sarcoma)	1
SF6 OR SF6	5
(sulphur hexafluoride) OR (sulphur hexafluoride) OR (sulfur hexa-fluoride) OR (sulfur hexa-fluoride)	2
hexafluoruro-sulfurico OR SF6 OR SF-6 OR (sulphur hexafluoride) OR (sulphur hexafluoride) OR (sulfur hexafluoride) OR (sulfur hexafluoride)	7
Total	136

World Health Organization International Clinical Trials Registry Platform (Internet)

www.who.int/ictrp/en/

Searched 7 October 2011.

Search terms	Results
CE-US OR CEUS	11
Sonovue OR sono-vue OR Sonavoid OR Sonogen OR sonagen OR Sonavist	7
SF6US OR SF6-US OR SF-6US OR SF-6-US	0
SF6 OR SF6	0
(sulphur hexafluoride) OR (sulphur hexafluoride) OR (sulfur hexa-fluoride) OR (sulfur hexa-fluoride)	0
hexafluoruro-sulfurico OR SF6 OR SF-6 OR (sulphur hexafluoride) OR (sulphur hexafluoride) OR (sulfur hexafluoride) OR (sulfur hexafluoride)	1
Total	19

EU Clinical Trials Register (Internet)

www.clinicaltrialsregister.eu/ctr-search/

Searched 10 October 2011.

Search terms	Results
Sonovue OR sono-vue OR Sonavoid OR Sonogen OR sonagen OR Sonavist	21
SF6	3
SF-6	0
hexafluoruro-sulfurico	0
sulphur hexafluoride	5
sulfur hexafluoride	8
sulfur hexa-fluoride	0
sulphur hexa-fluoride	0
CE-US	2
CEUS	2
Total	41

Conference abstract searches

EUROSON (European Federation of Ultrasound in Medicine and Biology) conference (Internet): 2007, 2008, 2011 only

Searched 10 November 2011 (2011 abstracts); 21 November 2011 (2007–8 abstracts).

2011 = www.wfumb2011.org/index.php?pid=70: searched title+abstract

2010 = Unable to access

2009 = Unable to access

2008 = www.thieme-connect.com/ejournals/toc/ultraschall/33697/grouping/54161: searched title

2007 = www.interplan.de/pages/euroson2007/front_content.php?idcat=82: searched title and abstract

2006 = Unable to access

Search terms	2011	2010	2009	2008	2007	2006
Sonovue or Sono-vue	35	–	–	0	41	–
Sonavoid	0	–	–	0	0	–
Sonogen	0	–	–	0	0	–
sonagen	0	–	–	0	0	–
Sonavist	0	–	–	0	0	–
SF6	0	–	–	0	0	–
hexafluoride	2	–	–	0	2	–
Sulphur	0	–	–	0	0	–
sulfur	3	–	–	0	2	–
CEUS	–	–	–	9	–	–
Liver	–	–	–	21	–	–
Hepat	–	–	–	27	–	–
Total by year	40	–	–	57	45	–
Total	142					

European Congress of Radiology (internet): 2006–11

Searched 10 November 2011.

2011 = www.myesr.org/cms/website.php?id=/en/past_congresses/ecr_2011/ecr_2011_book_of_abstracts.htm

2010 = www.myesr.org/cms/website.php?id=/en/ecr_2010/book_of_abstracts.htm

2009 = www.myesr.org/cms/website.php?id=/en/ecr_2009/ecr_2009_book_of_abstracts.htm

2008 = www.abstractsonline.com/viewer/?mkey={9AF35541-5128-444B-9D15-447022358A3F}

2007 = www.abstractsonline.com/viewer/?mkey={9A26688A-5BBE-4366-AE14-5AC99DF8F8E4}

2006 = www.abstractsonline.com/viewer/?mkey={6748FA35-D7A5-44B0-B8D4-4E2E51850B06}

Search terms	2011	2010	2009	2008	2007	2006
Sonovue or Sono-vue	10	11	19	22	28	24
Sonavoid	0	0	0	0	0	0
Sonogen	0	0	0	0	0	0
sonagen	0	0	0	0	0	0
Sonavist	0	0	0	0	0	0
SF6	0	0	0	0	0	0
hexafluoride	1	0	1	3	3	4
Sulphur	1	0	1	0	1	2
sulfur	0	0	0	3	2	2
Total by year	12	11	21	28	34	32
Total	138					

Radiological Society of North America conference (internet): 2006–10

Searched 10 November 2011.

2010 = <http://rsna2010.rsna.org/search/search.cfm>

2009 = <http://rsna2009.rsna.org/search/search.cfm>

2008 = <http://rsna2008.rsna.org/program.cfm>

2007 = <http://rsna2007.rsna.org/rsna2007/v2007/conference/track.cvn>

2006 = <http://rsna2006.rsna.org/rsna2006/v2006/conference/track.cvn>

Search terms	2010	2009	2008	2007	2006
Sonovue or Sono-vue	10	18	0	0	0
Sonavoid	0	0	0	0	0
Sonogen	0	0	0	0	0
sonagen	0	0	0	0	0
Sonavist	0	0	0	0	0
SF6	0	0	0	0	0
hexafluoride	4	1	0	0	0
Sulphur	2	1	0	0	0
sulfur	4	1	0	0	1
CEUS	–	–	6	3	2
Liver	–	–	84	76	87
Hepatic	–	–	34	49	34
Total by year	20	21	124	128	124
Total	417				

Cost-effectiveness searches

MEDLINE (OvidSP): 2000–11 September Week 2

Searched 11 October 2011.

1. neoplasm metastasis/ or neoplasm seeding/ or neoplasms, unknown primary/ (79,582)
2. (Metasta\$ or meta-sta\$).ti,ab,ot,hw. (311,666)
3. or/1-2 (313,877)
4. (liver or hepato\$ or hepatic\$).ti,ab,ot,hw. (871,423)
5. 3 and 4 (46,193)
6. exp Liver Neoplasms/ (112,995)
7. exp Bile Duct Neoplasms/ (11,958)
8. Carcinoma, Hepatocellular/ (51,056)
9. (FLL or FLLs).ti,ab,ot. (95)
10. Cholangiocarcinoma/ (4146)
11. ((liver\$ or hepat\$) adj3 (cancer\$ or met\$ or malignan\$ or carcinoma\$ or tumo?r\$ or neoplas\$ or adeno\$ or angiom\$ or sarcoma\$ or angiosarcoma\$)).ti,ab,ot,hw. (169,576)
12. (hepatoma\$ or h?emangiosarcoma\$ or h?emangio-sarcoma\$).ti,ab,ot,hw. (27,800)
13. (Focal liver lesion\$ and (cancer\$ or met or mets or metasta\$ or malignan\$ or carcinoma\$ or tumo?r\$ or neoplas\$ or adeno\$ or angiom\$ or sarcoma\$ or angiosarcoma\$)).ti,ab,ot,hw. (712)
14. (BFLL or BFLLS).ti,ab,ot. (3)

15. (HCC or HCCs).ti,ab,ot. (18,801)
16. (Cholangiocarcinoma\$ or Cholangio-carcinoma\$).ti,ab,ot,hw. (6205)
17. (Bile duct\$ adj3 (cancer\$ or met\$ or malignan\$ or lesion\$ or carcinoma\$ or tumo?r\$ or neoplas\$ or adeno\$ or angiom\$ or sarcoma\$)).ti,ab,ot,hw. (14,499)
18. or/5-17 (200,072)
19. tomography, emission-computed/ or exp tomography, x-ray computed/ (278,220)
20. exp Ultrasonography/ (220,625)
21. exp Tomography/ (530,496)
22. exp Magnetic Resonance Imaging/ (259,244)
23. exp Tomography, Emission-Computed/ (65,860)
24. Fluorodeoxyglucose F18/du (11,296)
25. (MSCT or MDST or MRI or FDGPET or FDG-PET or MDCT or IOUS or MRI or FMRI or NMRI or FNMRI).ti,ab,ot. (131,472)
26. (pet or petscan\$ or positron).ti,ot,ab,hw. (55,858)
27. (CAT or CTA or CT or cine-ct).ti,ab,ot. (241,703)
28. (3dcta or 3d-cta).ti,ab,ot. (189)
29. (64slice\$ or 64-slice\$ or 64row\$ or 64-row\$ or 64-detect\$).ti,ab,ot,hw. (1580)
30. ((nmr or comput\$ or mr) adj4 (scan\$ or imag\$ or tomogra\$ or angiogra\$ or angio-gra\$ or xray\$ or x-ray\$)).ti,ab,ot,hw. (473,823)
31. (electron beam adj4 (scan\$ or imag\$ or tomogra\$ or angiogra\$ or angio-gra\$ or xray\$ or x-ray\$)).ti,ab,ot,hw. (1499)
32. Chemical shift imag\$.ti,ot,ab,hw. (714)
33. ((ultrasonic\$ or ultra-sonic\$) adj4 (scan or imag\$ or tomogra\$ or echogram\$ or sonogra\$ or detect\$ or diagnos\$ or scintillat\$ or exam\$)).ti,ot,ab,hw. (7134)
34. MR imag\$.ti,ot,ab,hw. (36,261)
35. (ultraso\$ or ultra-so\$ or sonogra\$ or Echotomogra\$ or Echo-tomogra\$ or doptone or echoscope\$ or echosound\$ or tomogra\$ or Echogra\$ or zeugmatogra\$ or echogra\$ or tomoechogra\$ or tomodensitomet\$).ti,ot,ab,hw. (629,456)
36. "ultrasound without contrast".ti,ot,ab,hw. (1)
37. ("ultrasonography without contrast" or "ultrasonograph without contrast").ti,ot,ab,hw. (0)
38. ((Un-enhanced or Unenhanced) adj4 (sonogra\$ or ultra-so\$ or ultraso\$ or Echotomogra\$ or Echo-tomogra\$ or doptone or echoscope\$ or echosound\$ or tomogra\$ or Echogra\$ or zeugmatogra\$ or echogra\$ or tomoechogra\$ or tomodensitomet\$)).ti,ot,ab,hw. (367)
39. Positron emission tomogra\$.ti,ot,ab,hw. (38,028)
40. or/19-39 (1,087,651)
41. 18 and 40 (29,857)
42. exp Liver Neoplasms/us [Ultrasonography] (2714)
43. Carcinoma, Hepatocellular/us [Ultrasonography] (1268)
44. exp Bile Duct Neoplasms/us (375)
45. Cholangiocarcinoma/us [Ultrasonography] (137)
46. Neoplasm Metastasis/us [Ultrasonography] (51)
47. Neoplasm Seeding/ra [Radiography] (1)
48. Neoplasms, Unknown Primary/us [Ultrasonography] (21)
49. or/42-48 (3101)
50. 41 or 49 (30,149)
51. economics/ (26,431)
52. exp "costs and cost analysis"/ (160,527)
53. economics, dental/ (1886)
54. exp "economics, hospital"/ (17,621)
55. economics, medical/ (8758)
56. economics, nursing/ (3854)
57. economics, pharmaceutical/ (2288)

58. (economic\$ or cost or costs or costly or costing or price or prices or pricing or pharmaco-economic\$).ti,ab. (348,545)
59. (expenditure\$ not energy).ti,ab. (14,733)
60. (value adj1 money).ti,ab. (20)
61. budget\$.ti,ab. (14,850)
62. or/51-61 (463,424)
63. ((energy or oxygen) adj cost).ti,ab. (2377)
64. (metabolic adj cost).ti,ab. (624)
65. ((energy or oxygen) adj expenditure).ti,ab. (13,655)
66. or/63-65 (16,028)
67. 62 not 66 (459,787)
68. letter.pt. (728,700)
69. editorial.pt. (285,457)
70. historical article.pt. (282,970)
71. or/68-70 (1,283,982)
72. 67 not 71 (434,958)
73. animals/ not (animals/ and humans/) (3,606,824)
74. 72 not 73 (409,921)
75. 50 and 74 (506)
76. limit 75 to yr="2000 -Current" (293)

Economics filter: Centre for Reviews and Dissemination. *NHS EED economics filter: MEDLINE (Ovid) monthly search*. York: CRD; 2010. URL: www.york.ac.uk/inst/crd/intertasc/nhs_eed_strategies.html (accessed 28 September 2010).

MEDLINE In-Process & Other Non-Indexed Citations (OvidSP): 2000–10 October 2011

MEDLINE Daily Update (OvidSP): 2000–10 October 2011

Searched 11 October 2011.

1. neoplasm metastasis/ or neoplasm seeding/ or neoplasms, unknown primary/ (84)
2. (Metasta\$ or meta-sta\$).ti,ab,ot,hw. (12,775)
3. or/1-2 (12,776)
4. (liver or hepato\$ or hepatic\$).ti,ab,ot,hw. (21,579)
5. 3 and 4 (1452)
6. exp Liver Neoplasms/ (174)
7. exp Bile Duct Neoplasms/ (7)
8. Carcinoma, Hepatocellular/ (125)
9. (FLL or FLLs).ti,ab,ot. (21)
10. Cholangiocarcinoma/ (8)
11. ((liver\$ or hepat\$) adj3 (cancer\$ or met\$ or malignan\$ or carcinoma\$ or tumor\$ or neoplas\$ or adeno\$ or angioma\$ or sarcoma\$ or angiosarcoma\$)).ti,ab,ot,hw. (5022)
12. (hepatoma\$ or h?emangiosarcoma\$ or h?emangio-sarcoma\$).ti,ab,ot,hw. (493)
13. (Focal liver lesion\$ and (cancer\$ or met or mets or metasta\$ or malignan\$ or carcinoma\$ or tumor\$ or neoplas\$ or adeno\$ or angioma\$ or sarcoma\$ or angiosarcoma\$)).ti,ab,ot,hw. (22)
14. (BFLL or BFLLS).ti,ab,ot. (0)
15. (HCC or HCCs).ti,ab,ot. (1380)
16. (Cholangiocarcinoma\$ or Cholangio-carcinoma\$).ti,ab,ot,hw. (322)
17. (Bile duct\$ adj3 (cancer\$ or met\$ or malignan\$ or lesion\$ or carcinoma\$ or tumor\$ or neoplas\$ or adeno\$ or angioma\$ or sarcoma\$)).ti,ab,ot,hw. (131)
18. or/5-17 (6064)
19. tomography, emission-computed/ or exp tomography, x-ray computed/ (339)
20. exp Ultrasonography/ (229)

21. exp Tomography/ (827)
22. exp Magnetic Resonance Imaging/ (433)
23. exp Tomography, Emission-Computed/ (109)
24. Fluorodeoxyglucose F18/du (25)
25. (MSCT or MDST or MRI or FDGPET or FDG-PET or MDCT or IOUS or MRI or FMRI or NMRI or FNMRI).
ti,ab,ot. (7477)
26. (pet or petscan\$ or positron).ti,ot,ab,hw. (3355)
27. (CAT or CTA or CT or cine-ct).ti,ab,ot. (10,016)
28. (3dcta or 3d-cta).ti,ab,ot. (15)
29. (64slice\$ or 64-slice\$ or 64row\$ or 64-row\$ or 64-detect\$).ti,ab,ot,hw. (174)
30. ((nmr or comput\$ or mr) adj4 (scan\$ or imag\$ or tomogra\$ or angiogra\$ or angio-gra\$ or xray\$ or
x-ray\$)).ti,ab,ot,hw. (10,787)
31. (electron beam adj4 (scan\$ or imag\$ or tomogra\$ or angiogra\$ or angio-gra\$ or xray\$ or x-ray\$)).
ti,ab,ot,hw. (121)
32. Chemical shift imag\$.ti,ot,ab,hw. (33)
33. ((ultrasonic\$ or ultra-sonic\$) adj4 (scan or imag\$ or tomogra\$ or echogram\$ or sonogra\$ or detect\$
or diagnos\$ or scintillat\$ or exam\$)).ti,ot,ab,hw. (369)
34. MR imag\$.ti,ot,ab,hw. (1078)
35. (ultraso\$ or ultra-so\$ or sonogra\$ or Echotomogra\$ or Echo-tomogra\$ or doptone or echoscope\$
or echosound\$ or tomogra\$ or Echogra\$ or zeugmatogra\$ or echogra\$ or tomoechogra\$ or
tomodensitomet\$).ti,ot,ab,hw. (21,818)
36. "ultrasound without contrast".ti,ot,ab,hw. (0)
37. ("ultrasonography without contrast" or "ultrasonograph without contrast").ti,ot,ab,hw. (1)
38. ((Un-enhanced or Unenhanced) adj4 (sonogra\$ or ultra-so\$ or ultraso\$ or Echotomogra\$ or Echo-
tomogra\$ or doptone or echoscope\$ or echosound\$ or tomogra\$ or Echogra\$ or zeugmatogra\$ or
echogra\$ or tomoechogra\$ or tomodensitomet\$)).ti,ot,ab,hw. (12)
39. Positron emission tomogra\$.ti,ot,ab,hw. (1414)
40. or/19-39 (38,105)
41. 18 and 40 (841)
42. exp Liver Neoplasms/us [Ultrasonography] (4)
43. Carcinoma, Hepatocellular/us [Ultrasonography] (3)
44. exp Bile Duct Neoplasms/us (0)
45. Cholangiocarcinoma/us [Ultrasonography] (0)
46. Neoplasm Metastasis/us [Ultrasonography] (0)
47. Neoplasm Seeding/ra [Radiography] (0)
48. Neoplasms, Unknown Primary/us [Ultrasonography] (0)
49. or/42-48 (4)
50. 41 or 49 (842)
51. economics/ (29)
52. exp "costs and cost analysis"/ (206)
53. economics, dental/ (0)
54. exp "economics, hospital"/ (43)
55. economics, medical/ (1)
56. economics, nursing/ (0)
57. economics, pharmaceutical/ (1)
58. (economic\$ or cost or costs or costly or costing or price or prices or pricing or pharmaco-economic\$).
ti,ab. (24,833)
59. (expenditure\$ not energy).ti,ab. (706)
60. (value adj1 money).ti,ab. (2)
61. budget\$.ti,ab. (1368)
62. or/51-61 (26,315)
63. ((energy or oxygen) adj cost).ti,ab. (150)
64. (metabolic adj cost).ti,ab. (43)

65. ((energy or oxygen) adj expenditure).ti,ab. (582)
66. or/63-65 (752)
67. 62 not 66 (26,100)
68. letter.pt. (17,183)
69. editorial.pt. (10,629)
70. historical article.pt. (603)
71. or/68-70 (28,394)
72. 67 not 71 (25,702)
73. animals/ not (animals/ and humans/) (2838)
74. 72 not 73 (25,645)
75. 50 and 74 (7)
76. limit 75 to yr="2000 -Current" (7)

Economics filter: Centre for Reviews and Dissemination. *NHS EED economics filter: MEDLINE (Ovid) monthly search*. York: CRD; 2010. URL: www.york.ac.uk/inst/crd/intertasc/nhs_eed_strategies.html (accessed 28 September 2010).

EMBASE (OvidSP): 2000–11 Week 40

Searched 12 October 2011.

1. metastasis/ (155,985)
2. (Metasta\$ or meta-sta\$).ti,ab,ot,hw. (396,806)
3. or/1-2 (396,806)
4. (liver or hepato\$ or hepatic\$).ti,ab,ot,hw. (1,004,150)
5. 3 and 4 (65,370)
6. exp liver tumor/ (135,580)
7. FLL.ti,ab,ot. (107)
8. FLLs.ti,ab,ot. (43)
9. bile duct carcinoma/ (9937)
10. ((liver\$ or hepat\$) adj3 (cancer\$ or met\$ or malignan\$ or carcinoma\$ or tumo?r\$ or neoplas\$ or adeno\$ or angiom\$ or sarcoma\$ or angiosarcoma\$)).ti,ab,ot,hw. (211,624)
11. (hepatoma\$ or h?emangiosarcoma\$ or h?emangio-sarcoma\$).ti,ab,ot,hw. (25,072)
12. (Focal liver lesion\$ and (cancer\$ or met or mets or metasta\$ or malignan\$ or carcinoma\$ or tumo?r\$ or neoplas\$ or adeno\$ or angiom\$ or sarcoma\$ or angiosarcoma\$)).ti,ab,ot,hw. (854)
13. (BFL or BFLLS).ti,ab,ot. (5)
14. (HCC or HCCs).ti,ab,ot. (25,363)
15. (Cholangiocarcinoma\$ or Cholangio-carcinoma\$).ti,ab,ot,hw. (6601)
16. (Bile duct\$ adj3 (cancer\$ or met\$ or malignan\$ or lesion\$ or carcinoma\$ or tumo?r\$ or neoplas\$ or adeno\$ or angiom\$ or sarcoma\$)).ti,ab,ot,hw. (18,319)
17. or/5-16 (253,318)
18. exp Tomography/ (524,140)
19. exp Echography/ (399,873)
20. exp Nuclear-Magnetic-Resonance-Imaging/ (385,701)
21. Fluorodeoxyglucose-F-18/du (0)
22. (MSCT or MDST or MRI or FDGPET or FDG-PET or MDCT or IOUS or MRI or FMRI or NMRI or FNMRI).ti,ab,ot. (175,669)
23. (pet or petscan\$ or positron).ti,ot,ab,hw. (88,701)
24. (CAT or CTA or CT or cine-ct).ti,ab,ot. (295,625)
25. (3dcta or 3d-cta).ti,ab,ot. (261)
26. (64slice\$ or 64-slice\$ or 64row\$ or 64-row\$ or 64-detect\$).ti,ab,ot,hw. (2721)
27. ((nmr or comput\$ or mr) adj4 (scan\$ or imag\$ or tomogra\$ or angiogra\$ or angio-gra\$ or xray\$ or x-ray\$)).ti,ab,ot,hw. (554,605)

28. (electron beam adj4 (scan\$ or imag\$ or tomogra\$ or angiogra\$ or angio-gra\$ or xray\$ or x-ray\$)).
ti,ab,ot,hw. (2528)
29. Chemical shift imag\$.ti,ot,ab,hw. (822)
30. ((ultrasonic\$ or ultra-sonic\$) adj4 (scan or imag\$ or tomogra\$ or echogram\$ or sonogra\$ or detect\$
or diagnos\$ or scintillat\$ or exam\$)).ti,ot,ab,hw. (7723)
31. MR imag\$.ti,ot,ab,hw. (41,562)
32. (ultraso\$ or ultra-so\$ or sonogra\$ or Echotomogra\$ or Echo-tomogra\$ or doptone or echoscope\$
or echosound\$ or tomogra\$ or Echogra\$ or zeugmatogra\$ or echogra\$ or tomoechogra\$ or
tomodensitomet\$).ti,ot,ab,hw. (906,553)
33. "ultrasound without contrast".ti,ot,ab,hw. (2)
34. ("ultrasonography without contrast" or "ultrasonograph without contrast").ti,ot,ab,hw. (0)
35. ((Un-enhanced or Unenhanced) adj4 (sonogra\$ or ultra-so\$ or ultraso\$ or Echotomogra\$ or Echo-
tomogra\$ or doptone or echoscope\$ or echosound\$ or tomogra\$ or Echogra\$ or zeugmatogra\$
or echogra\$ or tomoechogra\$ or tomodensitomet\$)).ti,ot,ab,hw. (412)Positron emission tomogra\$.
ti,ot,ab,hw. (67,261)
36. or/18-36 (1,418,654)
37. 17 and 37 (42,839)
38. health-economics/ (30,583)
39. exp economic-evaluation/ (172,264)
40. exp health-care-cost/ (165,499)
41. exp pharmacoeconomics/ (140,625)
42. or/39-42 (395,230)
43. (econom\$ or cost or costs or costly or costing or price or prices or pricing or pharmacoeconomic\$).
ti,ab. (448,361)
44. (expenditure\$ not energy).ti,ab. (17,805)
45. (value adj2 money).ti,ab. (974)
46. budget\$.ti,ab. (18,892)
47. or/44-47 (467,436)
48. 43 or 48 (700,900)
49. letter.pt. (742,741)
50. editorial.pt. (383,238)
51. note.pt. (452,797)
52. or/50-52 (1,578,776)
53. 49 not 53 (628,549)
54. (metabolic adj cost).ti,ab. (670)
55. ((energy or oxygen) adj cost).ti,ab. (2591)
56. ((energy or oxygen) adj expenditure).ti,ab. (15,505)
57. or/55-57 (18,084)
58. 54 not 58 (624,471)
59. exp animal/ (1,655,604)
60. exp animal-experiment/ (1,467,831)
61. nonhuman/ (3,718,682)
62. (rat or rats or mouse or mice or hamster or hamsters or animal or animals or dog or dogs or cat or
cats or bovine or sheep).ti,ab,sh. (4,119,669)
63. or/60-63 (5,951,308)
64. exp human/ (12,628,304)
65. exp human-experiment/ (293,772)
66. 65 or 66 (12,629,688)
67. 64 not (64 and 67) (4,686,921)
68. 59 not 68 (579,765)
69. 38 and 69 (895)

70. limit 70 to yr="2000 -Current" (667)

71. limit 71 to embase (604)

Economics filter: Centre for Reviews and Dissemination. NHS EED economics filter: EMBASE (Ovid) weekly search. York: CRD; 2010. URL: www.york.ac.uk/inst/crd/intertasc/nhs_eed_strategies.html (accessed 11 October 2011).

NHS Economic Evaluation Database (Wiley)

Search limited to 2000–11.

Searched 12 October 2011.

- #1 MeSH descriptor Neoplasm Metastasis, this term only (1725)
- #2 MeSH descriptor Neoplasm Seeding, this term only (25)
- #3 MeSH descriptor Neoplasms, Unknown Primary, this term only (32)
- #4 (Metasta* or meta-sta*):ti,ab,kw (10,876)
- #5 (#1 OR #2 OR #3 OR #4) (10,908)
- #6 (liver or hepato* or hepatic*):ti,ab,kw (30,235)
- #7 (#5 AND #6) (1342)
- #8 MeSH descriptor Liver Neoplasms explode all trees (1521)
- #9 MeSH descriptor Bile Duct Neoplasms explode all trees (128)
- #10 MeSH descriptor Carcinoma, Hepatocellular, this term only (769)
- #11 MeSH descriptor Cholangiocarcinoma, this term only (41)
- #12 (FLL or FLLs):ti,ab (0)
- #13 ((liver* or hepat*) near/3 (cancer* or met* or malignan* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma* or angiosarcoma*)):ti,ab,kw (5985)
- #14 (hepatoma* or hemangiosarcoma* or hemangio-sarcoma* or haemangiosarcoma* or haemangio-sarcoma*):ti,ab,kw (71)
- #15 ((Focal NEXT liver NEXT lesion*) and (cancer* or met or mets or metasta* or malignan* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma* or angiosarcoma*)):ti,ab,kw (20)
- #16 (BFLl or BFLLs or HCC or HCCs):ti,ab (563)
- #17 (Cholangiocarcinoma* or Cholangio-carcinoma*):ti,ab,kw (70)
- #18 ((Bile NEXT duct*) near/3 (cancer* or met* or malignan* or lesion* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma*)):ti,ab,kw (236)
- #19 (#7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18) (6625)
- #20 (#19), from 2000 to 2011 (85)
- #21 MeSH descriptor Tomography, Emission-Computed, this term only (660)
- #22 MeSH descriptor Tomography, X-Ray Computed explode all trees (2946)
- #23 MeSH descriptor Ultrasonography explode all trees (6398)
- #24 MeSH descriptor Tomography explode all trees (8806)
- #25 MeSH descriptor Magnetic Resonance Imaging explode all trees (4171)
- #26 MeSH descriptor Tomography, Emission-Computed explode all trees (2155)
- #27 MeSH descriptor Fluorodeoxyglucose F18, this term only with qualifier: DU (397)
- #28 (MSCT or MDST or MRI or FDGPET or FDG-PET or MDCT or IOUS or MRI or FMRI or NMRI or FNMRI):ti,ab (3437)
- #29 (pet or petscan* or positron):ti,ab,kw (1958)
- #30 (CAT or CTA or CT or cine-ct):ti,ab (5318)
- #31 (3dcta or 3d-cta):ti,ab (4)
- #32 (64slice* or 64-slice* or 64row* or 64-row* or 64-detect*):ti,ab,kw (52)
- #33 ((nmr or comput* or mr) near/4 (scan* or imag* or tomogra* or angiogra* or angio-gra* or xray* or x-ray*)):ti,ab,kw (8723)

- #34 ((electron NEXT beam) near/4 (scan* or imag* or tomogra* or angiogra* or angio-gra* or xray* or x-ray*)):ti,ab,kw (56)
- #35 (Chemical NEXT shift NEXT imag*):ti,ab,kw (12)
- #36 ((ultrasonic* or ultra-sonic*) near/4 (scan or imag* or tomogra* or echogram* or sonogra* or detect* or diagnos* or scintillat* or exam*)):ti,ab,kw (147)
- #37 (MR NEXT imag*):ti,ab,kw (614)
- #38 (ultraso* or ultra-so* or sonogra* or Echotomogra* or Echo-tomogra* or doptone or echoscope* or echosound* or tomogra* or Echogra* or zeugmatogra* or echogra* or tomoechogra* or tomodensitomet*):ti,ab,kw (21,304)
- #39 "ultrasound without contrast":ti,ab,kw (0)
- #40 ("ultrasonography without contrast" or "ultrasonograph without contrast"):ti,ab,kw (0)
- #41 ((Un-enhanced or Unenhanced) near/4 (sonogra* or ultra-so* or ultraso* or Echotomogra* or Echo-tomogra* or doptone or echoscope* or echosound* or tomogra* or Echogra* or zeugmatogra* or echogra* or tomoechogra* or tomodensitomet*)):ti,ab,kw (11)
- #42 (Positron NEXT emission NEXT tomogra*):ti,ab,kw (1362)
- #43 (#21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42) (31,232)
- #44 (#20 AND #43), from 2000 to 2011 (27) (limited to NHS EED only)

NHS Economic Evaluation Database (Internet)

Top-up search to supplement search of NHS EED via The Cochrane Library (Wiley).

Records added to CRD databases between 1 January 2011 and 12 October 2011.

www.york.ac.uk/inst/crd/

Searched 12 October 2011.

1. ((liver or hepato* or hepatic* or FLL or FLLs)) OR ((hepatoma* or hemangiosarcoma* or hemangio-sarcoma* or haemangiosarcoma* or haemangio-sarcoma*)) OR ((BFLl or BFLLS or HCC or HCCs)) OR ((Cholangiocarcinoma* or Cholangio-carcinoma*)) IN NHSEED WHERE PD FROM 01/01/2011 TO 12/10/2011 (40)
2. ((Bile NEXT duct*)) IN NHSEED WHERE PD FROM 01/01/2011 TO 12/10/2011 (4)
3. #1 OR #2 (43)

Health Economic Evaluations Database (Internet): up to 12 October 2011

<http://onlinelibrary.wiley.com/book/10.1002/9780470510933>

Searched 12 October 2011.

Compound search (all data), unable to limit by date

ultraso* OR ultra-so* OR sonogra* OR Echotomogra*

AND

liver OR hepato* OR hepatic* OR FLL OR FLLs OR hepatoma* OR hemangiosarcoma* OR hemangio-sarcoma* OR haemangiosarcoma* OR haemangio-sarcoma* OR BFLL OR BFLLS OR HCC OR HCCs OR Cholangiocarcinoma* OR Cholangio-carcinoma

N=78

MSCT OR MDST OR MRI OR FDGPET OR FDG-PET

AND

liver OR hepato* OR hepatic* OR FLL OR FLLs OR hepatoma* OR hemangiosarcoma* OR hemangio-sarcoma* OR haemangiosarcoma* OR haemangio-sarcoma* OR BFLL OR BFLLS OR HCC OR HCCs OR Cholangiocarcinoma* OR Cholangio-carcinoma

N= 19

MDCT OR IOUS OR MRI OR FMRI OR NMRI OR FNMRI

AND

liver OR hepato* OR hepatic* OR FLL OR FLLs OR hepatoma* OR hemangiosarcoma* OR hemangio-sarcoma* OR haemangiosarcoma* OR haemangio-sarcoma* OR BFLL OR BFLLs OR HCC OR HCCs OR Cholangiocarcinoma* OR Cholangio-carcinoma

N= 17

pet OR petscan* OR positron OR CAT OR CTA

AND

liver OR hepato* OR hepatic* OR FLL OR FLLs OR hepatoma* OR hemangiosarcoma* OR hemangio-sarcoma* OR haemangiosarcoma* OR haemangio-sarcoma* OR BFLL OR BFLLs OR HCC OR HCCs OR Cholangiocarcinoma* OR Cholangio-carcinoma

N= 11

CT OR cine-ct OR 3dcta OR 3d-cta

AND

liver OR hepato* OR hepatic* OR FLL OR FLLs OR hepatoma* OR hemangiosarcoma* OR hemangio-sarcoma* OR haemangiosarcoma* OR haemangio-sarcoma* OR BFLL OR BFLLs OR HCC OR HCCs OR Cholangiocarcinoma* OR Cholangio-carcinoma

N=58

64slice* OR 64-slice* OR 64row* OR 64-row* OR 64-detect*

AND

liver OR hepato* OR hepatic* OR FLL OR FLLs OR hepatoma* OR hemangiosarcoma* OR hemangio-sarcoma* OR haemangiosarcoma* OR haemangio-sarcoma* OR BFLL OR BFLLs OR HCC OR HCCs OR Cholangiocarcinoma* OR Cholangio-carcinoma

N= 0

scan* OR imag* OR tomogra* OR angiogra* OR angio-gra* OR xray* OR x-ray*

AND

liver OR hepato* OR hepatic* OR FLL OR FLLs OR hepatoma* OR hemangiosarcoma* OR hemangio-sarcoma* OR haemangiosarcoma* OR haemangio-sarcoma* OR BFLL OR BFLLs OR HCC OR HCCs OR Cholangiocarcinoma* OR Cholangio-carcinoma

N= 128

MR AND imag*

AND

liver OR hepato* OR hepatic* OR FLL OR FLLs OR hepatoma* OR hemangiosarcoma* OR hemangio-sarcoma* OR haemangiosarcoma* OR haemangio-sarcoma* OR BFLL OR BFLLs OR HCC OR HCCs OR Cholangiocarcinoma* OR Cholangio-carcinoma

N= 5

Echo-tomogra* OR doptone OR Echogra*

AND

liver OR hepato* OR hepatic* OR FLL OR FLLs OR hepatoma* OR hemangiosarcoma* OR hemangio-sarcoma* OR haemangiosarcoma* OR haemangio-sarcoma* OR BFLL OR BFLLs OR HCC OR HCCs OR Cholangiocarcinoma* OR Cholangio-carcinoma

N= 0

zeugmatogra* OR echogra* OR tomoechogra* OR tomodensitomet* OR echoscope* OR echosound*

AND

liver OR hepato* OR hepatic* OR FLL OR FLLs OR hepatoma* OR hemangiosarcoma* OR hemangio-
sarcoma* OR haemangiosarcoma* OR haemangio-sarcoma* OR BFLL OR BFLLs OR HCC OR HCCs OR
Cholangiocarcinoma* OR Cholangio-carcinoma

N=0

HEED search retrieved 128 records.

Science Citation Index (Web of Science): 2000–7 October 2011

Searched 12 October 2011.

#34	432	#8 AND #22 AND #33
#33	407,965	#27 NOT #32
#32	1,077,839	#31 OR #30 OR #29 OR #28
#31	1,035,567	TS=(cat or cats or dog or dogs or animal or animals or rat or rats or hamster or hamster or feline or ovine or canine or bovine or sheep)
#30	14,241	TS=((energy or oxygen) SAME expenditure)
#29	4365	TS=(metabolic SAME cost)
#28	31,943	TS=((energy or oxygen) SAME cost)
#27	461,648	#23 OR #24 OR #25 OR #26
#26	27,939	TS=(budget*)
#25	561	TS=(value NEAR/1 money)
#24	9239	TS=(expenditure* not energy)
#23	435,234	TS=(economic* or cost or costs or costly or costing or price or prices or pricing or pharmacoeconomic*)
#22	616,323	#9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21
#21	37,784	TS=(Positron SAME emission SAME tomogra*)
#20	301	TS=((Un-enhanced or Unenhanced) near/4 (sonogra* or ultra-so* or ultraso* or Echotomogra* or Echo-tomogra* or doptone or echoscope* or echosound* or tomogra* or Echogra* or zeugmatogra* or echogra* or tomoechogra* or tomodensitomet*))
#19	318,584	TS=(ultraso* or ultra-so* or sonogra* or Echotomogra* or Echo-tomogra* or doptone or echoscope* or echosound* or tomogra* or Echogra* or zeugmatogra* or echogra* or tomoechogra* or tomodensitomet*)
#18	39,221	TS=(MR SAME imag*)
#17	3837	TS=((ultrasonic* or ultra-sonic*) near/4 (scan or imag* or tomogra* or echogram* or sonogra* or detect* or diagnos* or scintillat* or exam*))
#16	1747	TS=(Chemical SAME shift SAME imag*)
#15	19,251	TS=((electron SAME beam) SAME (scan* or imag* or tomogra* or angiogra* or angio-gra* or xray* or x-ray*))
#14	153,267	TS=((nmr or comput* or mr) near/4 (scan* or imag* or tomogra* or angiogra* or angio-gra* or xray* or x-ray*))
#13	1863	TS=(64slice* or 64-slice* or 64row* or 64-row* or 64-detect*)
#12	143	TS=(3dcta or 3d-cta)
#11	161,518	TS=(CAT or CTA or CT or cine-ct)
#10	82,730	TS=(pet or petscan* or positron)
#9	133,925	TS=(MSCT or MDST or MRI or FDGPET or FDG-PET or MDCT or IOUS or MRI or FMRI or NMRI or FNMRI)
#8	239,569	#7 OR #6 OR #5 OR #4 OR #3 OR #2 OR #1
#7	9838	TS=((Bile SAME duct*) SAME (cancer* or met* or malignan* or lesion* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma*))
#6	4832	TS=(Cholangiocarcinoma* or Cholangio-carcinoma*)
#5	1970	TI=(BFLL or BFLLs or HCC or HCCs OR FLL or FLLs)

#4	1584	TS=((Focal SAME liver SAME lesion*) SAME (cancer* or met or mets or metasta* or malignan* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma* or angiosarcoma*))
#3	10,317	TS=(hepatoma* or hemangiosarcoma* or hemangio-sarcoma* or haemangiosarcoma* or haemangio-sarcoma*)
#2	230,112	TS=((liver* or hepat*) SAME (cancer* or met* or malignan* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma* or angiosarcoma*))
#1	24,461	TS=((Metasta* or meta-sta*) AND (liver or hepato* or hepatic*))

Additional NHS Economic Evaluation Database search (Wiley)

Search limited to 2000–11.

Searched 21 October 2011.

- #1 MeSH descriptor Neoplasm Metastasis, this term only (1725)
- #2 MeSH descriptor Neoplasm Seeding, this term only (25)
- #3 MeSH descriptor Neoplasms, Unknown Primary, this term only (32)
- #4 (Metasta* or meta-sta*):ti,ab,kw (10,876)
- #5 (#1 OR #2 OR #3 OR #4) (10,908)
- #6 (liver or hepato* or hepatic*):ti,ab,kw (30,235)
- #7 (#5 AND #6) (1342)
- #8 MeSH descriptor Liver Neoplasms explode all trees (1521)
- #9 MeSH descriptor Bile Duct Neoplasms explode all trees (128)
- #10 MeSH descriptor Carcinoma, Hepatocellular, this term only (769)
- #11 MeSH descriptor Cholangiocarcinoma, this term only (41)
- #12 (FLL or FLLs):ti,ab (0)
- #13 ((liver* or hepat*) near/3 (cancer* or met* or malignan* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma* or angiosarcoma*)):ti,ab,kw (5985)
- #14 (hepatoma* or hemangiosarcoma* or hemangio-sarcoma* or haemangiosarcoma* or haemangio-sarcoma*):ti,ab,kw (71)
- #15 ((Focal NEXT liver NEXT lesion*) and (cancer* or met or mets or metasta* or malignan* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma* or angiosarcoma*)):ti,ab,kw (20)
- #16 (BFLL or BFLLS or HCC or HCCs):ti,ab (563)
- #17 (Cholangiocarcinoma* or Cholangio-carcinoma*):ti,ab,kw (70)
- #18 ((Bile NEXT duct*) near/3 (cancer* or met* or malignan* or lesion* or carcinoma* or tumor* or tumour* or neoplas* or adeno* or angiom* or sarcoma*)):ti,ab,kw (236)
- #19 (#7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18) (6625)
- #20 (#19), from 2000 to 2011 (85) (limited to NHS EED only)

Additional health economics search: guidelines

Guidelines International Network (Internet)

www.g-i-n.net

Search limited to 2000–9 November 2011.

Searched 9 November 2011.

Terms searched	Hits	Filename
Free-text: FLL OR FLLS OR BFLL OR BFLLS OR HCC OR HCCs	0	–
Free-text: Liver OR hepato* OR hepatic*	111	GU_Gin_res1.end
Free-text: hemangio*	0	–
Free-text: Cholangiocarcinoma*	0	GU_Gin_res2.end
Free-text: Angiosarcoma*	0	–
Free-text: Bile AND duct*	1	GU_Gin_res3.end
MESH: Liver Neoplasms (C04.588.274.623)	20	GU_Gin_res3.end
Free-text: Hepatocellular	5	GU_Gin_res4.end
Total (before deduplication)	137	–
Total (after deduplication)	114	–

National Guidelines Clearinghouse (Internet)

www.guideline.gov/

Search limited to 2000–9 November 2011.

Searched 10 November 2011.

Advanced search

Terms searched	Hits
FLL OR FLLS OR BFLL OR BFLLS OR HCC OR HCCs OR Liver OR hepato* OR hepatic*	343
hemangio*OR Cholangiocarcinoma*OR Angiosarcoma* OR (Bile AND duct*)	11
Total	354

National Institute for Health and Care Excellence guidance (Internet)

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

Searched 10 November 2011.

Browsed: liver neoplasms = **11**

TRIP database (Internet)

www.tripdatabase.com/

Searched 10 November 2011.

Search limited to guidelines only, 2000–11.

Terms searched	Hits
(FLL or BFLL or HCC) from:2000 to:2011	45
(title:Liver or hepato* or hepatic) (not FLL or BFLL or HCC) from:2000 to:2011	51
(title:hemangio* or Cholangiocarcinoma*) (not FLL or BFLL or HCC) from:2000 to:2011	3
(title:bile duct) (not Liver or hepato* or hepatic) from:2000 to:2011	2
Total	101

Health Technology Assessment database (Internet)

www.york.ac.uk/inst/crd/

Search limited to 2000–11.

Searched 10 November 2011.

1. ((Bile NEXT duct*)) IN HTA (10)
2. ((liver or hepato* or hepatic* or FLL or FLLs)) OR ((hepatoma* or hemangiosarcoma* or hemangio-sarcoma* or haemangiosarcoma* or haemangio-sarcoma*)) OR ((BFLL or BFLLS or HCC or HCCs)) OR ((Cholangiocarcinoma* or Cholangio-carcinoma*)) IN HTA FROM 2000 TO 2011 (204)
3. #1 OR #2 (209)
4. (#3) IN HTA FROM 2000 TO 2011 (209)