The base search strategy was constructed using MEDLINE and then adapted to the other resources searched.

MEDLINE

Via OvidSP, using the segment 1948 to week 2 September 2011, searched on 22 September 2011.

Key

/ = indexing term (MeSH heading)
exp = exploded MeSH heading
sh = subject heading (MeSH) field
$ = truncation
? = embedded truncation or single character truncation
pt = publication type
.ti,ab. = terms in either title or abstract fields
adj = terms adjacent to each other (same order)
adj1 = terms within one word of each other (any order)
adj2 = terms within two words of each other (any order)

1. Cervix Uteri/ (20,005)
2. cervix.ti,ab. (33,049)
3. cervic$.ti,ab. (142,264)
4. endocervix.ti,ab. (910)
5. endocervic$.ti,ab. (3889)
6. ectocervix.ti,ab. (268)
7. ectocervic$.ti,ab. (413)
8. squamocolumnar junction.ti,ab. (317)
9. or/1-8 (168,551)

Line 9 captures terms for the cervix

10. Colposcopy/ (4780)
11. Spectrum Analysis/ (36,398)
12. Tomography, Optical Coherence/ (8286)
13. Spectrometry, Fluorescence/ (50,960)
14. colposcop$.ti,ab. (5529)
15. (reflectance adj2 spectroscop$).ti,ab. (1048)
16. (impedance adj2 spectroscop$).ti,ab. (1394)
17. (fluoresence adj2 spectroscop$).ti,ab. (3)
18. (fluorescence adj2 spectroscop$).ti,ab. (8665)
19. (Dielectric adj2 Spectroscop$).ti,ab. (344)
20. (reflectance adj2 spectrometr$).ti,ab. (64)
21. (impedance adj2 spectrometr$).ti,ab. (21)
22. (fluoresence adj2 spectrometr$).ti,ab. (0)
23. (fluorescence adj2 spectrometr$).ti,ab. (856)
24. (Dielectric adj2 Spectrometr$).ti,ab. (4)
25. (reflectance adj2 spectrum analys$).ti,ab. (0)
26. (fluorescence adj2 spectrum analys$).ti,ab. (18)

27. (fluoresence adj2 spectrum analys$).ti,ab. (0)
28. (impedance adj2 spectrum analys$).ti,ab. (4)
29. (Dielectric adj2 Spectrum analys$).ti,ab. (0)
30. telecolposcopy.ti,ab. (12)
31. optical coherence tomography.ti,ab. (7291)
32. (multispectral adj2 fluorescence).ti,ab. (31)
33. microcolposcopy.ti,ab. (14)
34. dysis.ti,ab. (6)
35. dynamic spectral imaging system.ti,ab. (0)
36. Zilico.ti,ab. (0)
37. apx 100.ti,ab. (0)
38. luviva.ti,ab. (0)
39. Advanced Cervical Scan.ti,ab. (0)
40. multimodal hyperspectral imaging.ti,ab. (0)
41. niris.ti,ab. (13)
42. guided therapeutics.ti,ab. (2)
43. imalux.ti,ab. (8)
44. spectrx.ti,ab. (8)
45. trimodal.ti,ab. (462)
46. or/10-45 (109,432)

Line 46 captures terms for colposcopy

47. 9 and 46 (5618)

Line 47 combines terms for the cervix and colposcopy

48. limit 47 to yr = "2000 -Current" (2371)

Line 48 applies a date limit

Allied and Complementary Medicine Database

Via OvidSP, using the segment 1985 to September 2011, searched on 22 September 2011.

Key
/ = indexing term
exp = exploded indexing term
sh = subject heading field
$ = truncation
? = embedded truncation or single character truncation
pt = publication type
.ti,ab. = terms in either title or abstract fields
adj = terms adjacent to each other (same order)
adj1 = terms within one word of each other (any order)
adj2 = terms within two words of each other (any order)

1. uterine cervical neoplasms/ (17)
2. cervix.ti,ab. (53)
3. cervic$.ti,ab. (2882)
4. endocervix.ti,ab. (0)
5. endocervic$.ti,ab. (0)
6. ectocervix.ti,ab. (0)
7. ectocervic$.ti,ab. (0)
8. squamocolumnar junction.ti,ab. (0)
9. or/1-8 (2925)
10. Spectrum Analysis/ (842)
11. colposcop$.ti,ab. (3)
12. (reflectance adj2 spectroscop$).ti,ab. (1)
13. (impedance adj2 spectroscop$).ti,ab. (2)
14. (fluoresence adj2 spectroscop$).ti,ab. (0)
15. (fluorescence adj2 spectroscop$).ti,ab. (11)
16. (Dielectric adj2 Spectroscop$).ti,ab. (0)
17. (reflectance adj2 spectrometr$).ti,ab. (0)
18. (impedance adj2 spectrometr$).ti,ab. (0)
19. (fluoresence adj2 spectrometr$).ti,ab. (0)
20. (fluorescence adj2 spectrometr$).ti,ab. (1)
21. (Dielectric adj2 Spectrometr$).ti,ab. (0)
22. (reflectance adj2 spectrum analys$).ti,ab. (0)
23. (fluorescence adj2 spectrum analys$).ti,ab. (0)
24. (fluoresence adj2 spectrum analys$).ti,ab. (0)
25. (impedance adj2 spectrum analys$).ti,ab. (0)
26. (Dielectric adj2 Spectrum analys$).ti,ab. (0)
27. telecolposcopy.ti,ab. (0)
28. optical coherence tomography.ti,ab. (4)
29. (multispectral adj2 fluorescence).ti,ab. (0)
30. microcolposcopy.ti,ab. (0)
31. dysis.ti,ab. (0)
32. dynamic spectral imaging system.ti,ab. (0)
33. Zilico.ti,ab. (0)
34. apx 100.ti,ab. (0)
35. luviva.ti,ab. (0)
36. Advanced Cervical Scan.ti,ab. (0)
37. multimodal hyperspectral imaging.ti,ab. (0)

38. niris.ti,ab. (0)
39. guided therapeutics.ti,ab. (0)
40. imalux.ti,ab. (0)
41. spectrx.ti,ab. (0)
42. trimodal.ti,ab. (1)
43. or/10-42 (863)
44. 9 and 43 (5)
45. 44 (5)
46. limit 45 to yr = "2000 -Current" (3)

BIOSIS Previews

Via Dialog, using the segment 1993 to week 2 October 2011, searched on 19 October 2011.

Key
? = truncation
/ti,ab,de = terms in title, abstract, or descriptor fields
(w) = terms adjacent to each other (same order)
py = publication year
: = range e.g. py = 2008:2011 means year = 2008 or 2009 or 2010 or 2011
(n) = terms adjacent to each other (any order)
(2n) = terms within two words of each other (any order)
cc = concept code (for subject area limitation)
s s10/2008:2010 – limits set 10 to records published between 2008 and 2010 (inclusive)

Set	Items	Description
1	35,051	cervix/ti,ab,de
2	82,846	cervic?/ti,ab,de
3	491	endocervix/ti,ab,de
4	2343	endocervic?/ti,ab,de
5	151	ectocervix/ti,ab,de
6	298	ectocervic?/ti,ab,de
7	262	squamocolumnar(w)junction/ti,ab,de
8	97,536	s1:s7
9	2413	colposcop?/ti,ab,de
10	2211	reflectance(2w)spectroscop?/ti,ab,de
11	1453	impedance(2w)spectroscop?/ti,ab,de
12	26	fluoresence(2w)spectroscop?/ti,ab,de
13	12,743	fluorescence(2w)spectroscop?/ti,ab,de
14	349	dielectric(2w)spectroscop?/ti,ab,de
15	142	reflectance(2w)spectrometr?/ti,ab,de
16	19	impedance(2w)spectrometr?/ti,ab,de
17	5	fluoresence(2w)spectrometr?/ti,ab,de
18	1716	fluorescence(2w)spectrometr?/ti,ab,de
19	4	dielectric(2w)spectrometr?/ti,ab,de
20	6	reflectance(2w)spectrum(w)analys?/ti,ab,de
21	36	fluorescence(2w)spectrum(w)analys?/ti,ab,de
22	0	fluoresence(2w)spectrum(w)analys?/ti,ab,de
23	0	impedance(2w)spectrum(w)analys?/ti,ab,de
24	1	dielectric(2w)spectrum(w)analys?/ti,ab,de
25	2	telecolposcopy/ti,ab,de
26	6201	optical(w)coherence(w)tomography/ti,ab,de

Set	Items	Description
27	30	multispectral(2w)fluorescence/ti,ab,de
28	4	microcolposcopy/ti,ab,de
29	8	dysis/ti,ab,de
30	0	dynamic(w)spectral(w)imaging(w)system/ti,ab,de
31	0	zilico/ti,ab,de
32	0	apx((w)100/ti,ab,de
33	0	luviva/ti,ab,de
34	0	advanced(w)cervical(w)scan/ti,ab,de
35	0	multimodal(w)hyperspectral(w)imaging/ti,ab,de
36	12	niris/ti,ab,de
37	2	guided(w)therapeutics/ti,ab,de
38	5	imalux/ti,ab,de
39	8	spectrx/ti,ab,de
40	307	trimodal/ti,ab,de
41	27,309	s9:s40
42	2241	s8 and s41
43	1476	s42/2000:2011

Cochrane Database of Systematic Reviews (CDSR; Issue 9 of 12, September 2011) and Cochrane Central Register of Controlled Trials (CENTRAL; Issue 3 of 4, July 2011)

Via the Wiley Cochrane Library website, searched on 22 September 2011.

Key

MeSH descriptor = indexing term (MeSH heading)

* = truncation

" " = phrase search

:ti,ab = terms in either title or abstract fields

near/1 = terms within one word of each other (any order)

near/2 = terms within two words of each other (any order)

next = terms are next to each other

(Note: The hits for each line refer to the whole of The Cochrane Library, not just the databases specified here.)

#1	MeSH descriptor **Cervix Uteri**, this term only	864
#2	(cervix):ti or (cervix):ab	1690
#3	(cervic*):ti or (cervic*):ab	6441
#4	(endocervix):ti or (endocervix):ab	34
#5	(endocervic*):ti or (endocervic*):ab	222
#6	(ectocervix):ti or (ectocervix):ab	15
#7	(ectocervic*):ti or (ectocervic*):ab	16
#8	(squamocolumnar junction):ti or (squamocolumnar junction):ab	13
#9	(#1 OR #2 OR #3 OR #5 OR #6 OR #7 OR #8)	7481
#10	MeSH descriptor **Colposcopy**, this term only	276
#11	MeSH descriptor **Spectrum Analysis**, this term only	66
#12	MeSH descriptor **Tomography, Optical Coherence**, this term only	257
#13	MeSH descriptor **Spectrometry, Fluorescence**, this term only	93
#14	(colposcop*):ti or (colposcop*):ab	393
#15	(reflectance NEAR/2 spectroscop*):ti or (reflectance NEAR/2 spectroscop*):ab	25
#16	(impedance NEAR/2 spectroscop*):ti or (impedance NEAR/2 spectroscop*):ab	10
#17	(fluoresence NEAR/2 spectroscop*):ti or (fluoresence NEAR/2 spectroscop*):ab	0
#18	(fluorescence NEAR/2 spectroscop*):ti or (fluorescence NEAR/2 spectroscop*):ab	19
#19	(dielectric NEAR/2 spectroscop*):ti or (dielectric NEAR/2 spectroscop*):ab	0
#20	(reflectance NEAR/2 spectrometr*):ti or (reflectance NEAR/2 spectrometr*):ab	3
#21	(impedance NEAR/2 spectrometr*):ti or (impedance NEAR/2 spectrometr*):ab	0
#22	(fluoresence NEAR/2 spectrometr*):ti or (fluoresence NEAR/2 spectrometr*):ab	0
#23	(fluorescence NEAR/2 spectrometr*):ti or (fluorescence NEAR/2 spectrometr*):ab	6
#24	(dielectric NEAR/2 spectrometr*):ti or (dielectric NEAR/2 spectrometr*):ab	0
#25	(reflectance AND (spectrum NEXT analys*)):ti or (reflectance AND (spectrum NEXT analys*)):ab	0

#26	(fluorescence AND (spectrum NEXT analys*)):ti or (fluorescence AND (spectrum NEXT analys*)):ab	0
#27	(fluoresence AND (spectrum NEXT analys*)):ti or (fluoresence AND (spectrum NEXT analys*)):ab	0
#28	(impedance AND (spectrum NEXT analys*)):ti or (impedance AND (spectrum NEXT analys*)):ab	0
#29	(dielectric AND (spectrum NEXT analys*)):ti or (dielectric AND (spectrum NEXT analys*)):ab	0
#30	(telecolposcopy):ti or (telecolposcopy):ab	1
#31	(optical coherence tomography):ti or (optical coherence tomography):ab	429
#32	(multispectral NEAR/2 fluorescence):ti or (multispectral NEAR/2 fluorescence):ab	1
#33	(microcolposcopy):ti or (microcolposcopy):ab	1
#34	(dysis):ti or (dysis):ab	0
#35	"dynamic spectral imaging system":ti or "dynamic spectral imaging system":ab	0
#36	(Zilico):ti or (Zilico):ab	0
#37	"apx 100":ti or "apx 100":ab	0
#38	(luviva):ti or (luviva):ab	0
#39	"Advanced Cervical Scan":ti or "Advanced Cervical Scan":ab	0
#40	"multimodal hyperspectral imaging":ti or "multimodal hyperspectral imaging":ab	0
#41	(niris):ti or (niris):ab	0
#42	(guided therapeutics):ti or (guided therapeutics):ab	1
#43	(imalux):ti or (imalux):ab	0
#44	(spectrx):ti or (spectrx):ab	0
#45	(trimodal):ti or (trimodal):ab	6
#46	(#10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #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 OR #43 OR #44 OR #45)	1171
#47	(#46), from 2000 to 2011	891

Cumulative Index to Nursing and Allied Health Literature

Via EBSCO*host*, using the segment 1981 to 16 September 2011, searched on 22 September 2011.

Key

MH = indexing term (CINAHL heading)
+ = exploded CINAHL heading
* = truncation
? = embedded truncation
" " = phrase search
ZT = publication type
n1 = terms within one word of each other (any order)
n2 = terms within two words of each other (any order)

#	Query	Limiters/expanders	Last run via	Results
S47	S46	Limiters – published date from: 20000101-20111231 Search modes –Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	378
S46	S9 and S45	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	467
S45	(S10 or S11 or S12 or S13 or S14 or S15 or S16 or S17 or S18 or S19 or S20 or S21 or S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30 or S31 or S32 or S33 or S34 or S35 or S36 or S37 or S38 or S39 or S40 or S41 or S42 or S43 or S44)	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	2011
S44	TI trimodal OR AB trimodal	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	22
S43	TI spectrx OR AB spectrx	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	3
S42	TI imalux OR AB imalux	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S41	TI "guided therapeutics" OR AB "guided therapeutics"	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S40	TI niris OR AB niris	Search modes – Boolean/phrase	Interface – EBSCO*host* Search screen: Advanced search Database: CINAHL	1

#	Query	Limiters/expanders	Last run via	Results
S39	TI "multimodal hyperspectral imaging" OR AB "multimodal hyperspectral imaging"	Search modes – Boolean/phrase	Interface – EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S38	TI "Advanced Cervical Scan" OR AB "Advanced Cervical Scan"	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S37	TI luviva OR AB luviva	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S36	TI "apx 100" OR AB "apx 100"	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S35	TI Zilico OR AB Zilico	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S34	TI "dynamic spectral imaging system" OR AB "dynamic spectral imaging system"	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S33	TI dysis OR AB dysis	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S32	TI microcolposcopy OR AB microcolposcopy	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S31	TI multispectral w2 fluorescence OR AB multispectral w2 fluorescence	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	1
S30	TI "optical coherence tomography" OR AB "optical coherence tomography"	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	279
S29	TI telecolposcopy OR AB telecolposcopy	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	3
S28	TI dielectric w2 "spectrum analys*" OR AB dielectric w2 "spectrum analys*"	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0

#	Query	Limiters/expanders	Last run via	Results
S27	TI impedance w2 "spectrum analys*" OR AB impedance w2 "spectrum analys*"	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S26	TI fluoresence w2 "spectrum analys*" OR AB fluoresence w2 "spectrum analys*"	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S25	TI fluorescence w2 "spectrum analys*" OR AB fluorescence w2 "spectrum analys*"	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S24	TI reflectance w2 "spectrum analys*" OR AB reflectance w2 "spectrum analys*"	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S23	TI dielectric w2 spectrometr* OR AB dielectric w2 spectrometr*	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S22	TI fluorescence w2 spectrometr* OR AB fluorescence w2 spectrometr*	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	5
S21	TI fluoresence w2 spectrometr* OR AB fluoresence w2 spectrometr*	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S20	TI impedance w2 spectrometr* OR AB impedance w2 spectrometr*	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	3
S19	TI reflectance w2 spectrometr* OR AB reflectance w2 spectrometr*	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0
S18	TI dielectric w2 spectroscop* OR AB dielectric w2 spectroscop*	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	3
S17	TI fluorescence w2 spectroscop* OR AB fluorescence w2 spectroscop*	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	25
S16	TI fluoresence w2 spectroscop* OR AB fluoresence w2 spectroscop*	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	0

#	Query	Limiters/expanders	Last run via	Results
S15	TI impedance w2 spectroscop* OR AB impedance w2 spectroscop*	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	27
S14	TI reflectance w2 spectroscop* OR AB reflectance w2 spectroscop*	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	15
S13	TI colposcop* OR AB colposcop*	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	422
S12	(MH "Spectrometry, Fluorescence")	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	90
S11	(MH "Spectrum Analysis")	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	847
S10	(MH "Colposcopy")	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	621
S9	S1 or S2 or S3 or S4 or S5 or S6 or S7 or S8	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	13,984
S8	TI "squamocolumnar junction" OR AB "squamocolumnar junction"	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	10
S7	TI ectocervic* OR AB ectocervic*	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	9
S6	TI ectocervix OR AB ectocervix	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	5
S5	TI endocervic* OR AB endocervic*	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	110
S4	TI endocervix OR AB endocervix	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	8

#	Query	Limiters/expanders	Last run via	Results
S3	TI cervic* OR AB cervic*	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	13,193
S2	TI cervix OR AB cervix	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	961
S1	(MH "Cervix")	Search modes – Boolean/phrase	Interface: EBSCO*host* Search screen: Advanced search Database: CINAHL	863

ClinicalTrials.gov

Via website www.clinicaltrials.gov/, using the segment to September 2011, searched on 28 September 2011.

Advanced screen

Search terms = (Cervix OR cervical) AND (Colposcopy OR spectroscopy OR spectrometry OR spectrum analysis) [Performs a general search in all sections of the study record, including title, description, conditions, interventions, locations, etc.] (61 results).

Search terms (searching all fields as above) = dysis OR zilico OR apx 100 OR niris OR imalux OR spectrx OR luviva (4 results).

Current Controlled Trials

Via website www.controlled-trials.com/, using the segment to September 2011, searched on 28 September 2011.

Selected active ISRCTN Register only.

cervical AND Colposcopy	9
cervix AND Colposcopy	3 – all duplicates of the 9
cervical AND spectroscopy	0
cervix AND spectroscopy	0
cervical AND spectrometry	0
cervix AND spectrometry	0
cervical AND spectrum analysis	0
cervix AND spectrum analysis	0
dysis OR zilico OR apx 100 OR niris OR imalux OR spectrx OR luviva 0	0

Database of Abstracts of Reviews of Effects (Issue 3 of 4 2011), Health Technology Assessment Database (Issue 3 of 4 2011), and the NHS Economic Evaluation Database (Issue 3 of 4 2011)

Via the Wiley Cochrane Library website searched on 22 September 2011.

Key
MeSH descriptor = indexing term (MeSH heading)
* = truncation
" " = phrase search
:ti,ab = terms in either title or abstract fields
near/1 = terms within one word of each other (any order)
near/2 = terms within two words of each other (any order)
next = terms are next to each other

(Note: The hits for each line refer to the whole of The Cochrane Library, not just the databases specified here.)

#1	MeSH descriptor **Cervix Uteri**, this term only	864
#2	(cervic*)	7989
#3	(cervix)	2899
#4	(endocervix)	43
#5	(endocervic*)	263
#6	(ectocervix)	18
#7	(ectocervic*)	21
#8	(squamocolumnar junction)	14
#9	(**#1** OR **#2** OR **#3** OR **#4** OR **#5** OR **#6** OR **#7** OR **#8**)	8969
#10	MeSH descriptor **Colposcopy**, this term only	276
#11	MeSH descriptor **Spectrum Analysis**, this term only	66
#12	MeSH descriptor **Tomography, Optical Coherence**, this term only	257
#13	MeSH descriptor **Spectrometry, Fluorescence**, this term only	93
#14	(colposcop*)	563
#15	reflectance NEAR/2 spectroscop*	26
#16	impedance NEAR/2 spectroscop*	10
#17	fluoresence NEAR/2 spectroscop*	0
#18	fluorescence NEAR/2 spectroscop*	21
#19	dielectric NEAR/2 spectroscop*	0
#20	reflectance NEAR/2 spectrometr*	3
#21	impedance NEAR/2 spectrometr*	0
#22	fluoresence NEAR/2 spectrometr*	0
#23	fluorescence NEAR/2 spectrometr*	105
#24	dielectric NEAR/2 spectrometr*	0
#25	reflectance AND (spectrum NEXT analys*)	5

#26	fluorescence AND (spectrum NEXT analys*)	3
#27	fluoresence AND (spectrum NEXT analys*)	0
#28	impedance AND (spectrum NEXT analys*)	7
#29	dielectric AND (spectrum NEXT analys*)	0
#30	telecolposcopy	1
#31	"optical coherence tomography"	454
#32	multispectral NEAR/2 fluorescence	1
#33	microcolposcopy	1
#34	dysis	0
#35	"dynamic spectral imaging system"	0
#36	zilico	0
#37	"apx 100"	0
#38	luviva	0
#39	"Advanced Cervical Scan"	0
#40	"multimodal hyperspectral imaging"	0
#41	niris	0
#42	"guided therapeutics"	0
#43	imalux	0
#44	spectrx	2
#45	trimodal	12
#46	(#10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #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 OR #43 OR #44 OR #45)	1297
#47	(#9 AND #46)	467
#48	(#47), from 2000 to 2011	293

EMBASE

Via OvidSP, using the segment 1996 to week 37 2011, searched on 22 September 2011.

Key
/ = indexing term (EMTREE heading)
* = focused EMTREE heading
exp = exploded EMTREE heading
$ = truncation
? = embedded truncation
.ti,ab. = terms in either title or abstract fields
adj = terms adjacent to each other (same order)
adj1 = terms within one word of each other (any order)
adj2 = terms within two words of each other (any order)

1. exp uterine cervix/ (7607)
2. cervix.ti,ab. (15,941)
3. cervic$.ti,ab. (97,305)
4. endocervix.ti,ab. (453)
5. endocervic$.ti,ab. (2516)
6. ectocervix.ti,ab. (157)
7. ectocervic$.ti,ab. (267)
8. squamocolumnar junction.ti,ab. (290)
9. or/1-8 (106,929)
10. Colposcopy/ (4510)
11. spectroscopy/ (33,388)
12. reflectometry/ (1840)
13. electrochemical impedance spectroscopy/ (900)
14. spectrofluorometry/ (11,789)
15. optical coherence tomography/ (10,884)
16. colposcop$.ti,ab. (3912)
17. (reflectance adj2 spectroscop$).ti,ab. (1212)
18. (impedance adj2 spectroscop$).ti,ab. (1772)
19. (fluoresence adj2 spectroscop$).ti,ab. (2)
20. (fluorescence adj2 spectroscop$).ti,ab. (8382)
21. (Dielectric adj2 Spectroscop$).ti,ab. (412)
22. (reflectance adj2 spectrometr$).ti,ab. (77)
23. (impedance adj2 spectrometr$).ti,ab. (23)
24. (fluoresence adj2 spectrometr$).ti,ab. (0)
25. (fluorescence adj2 spectrometr$).ti,ab. (989)
26. (Dielectric adj2 Spectrometr$).ti,ab. (6)
27. (reflectance adj2 spectrum analys$).ti,ab. (0)
28. (fluorescence adj2 spectrum analys$).ti,ab. (12)
29. (fluoresence adj2 spectrum analys$).ti,ab. (0)
30. (impedance adj2 spectrum analys$).ti,ab. (4)
31. (Dielectric adj2 Spectrum analys$).ti,ab. (0)
32. optical coherence tomography.ti,ab. (8250)
33. (multispectral adj2 fluorescence).ti,ab. (33)
34. microcolposcopy.ti,ab. (8)
35. dysis.ti,ab. (33)
36. dynamic spectral imaging system.ti,ab. (0)
37. Zilico.ti,ab. (0)

38. apx 100.ti,ab. (0)
39. luviva.ti,ab. (0)
40. Advanced Cervical Scan.ti,ab. (0)
41. multimodal hyperspectral imaging.ti,ab. (1)
42. niris.ti,ab. (17)
43. guided therapeutics.ti,ab. (10)
44. imalux.ti,ab. (11)
45. spectrx.ti,ab. (10)
46. trimodal.ti,ab. (347)
47. or/10-46 (73,182)
48. 9 and 47 (4355)
49. 48 (4355)
50. limit 49 to yr = "2000 -Current" (3637)

Health Management Information Consortium

Via OvidSP, using the segment 1985 to September 2011, searched on 22 September 2011.

Key
$ = truncation
? = embedded truncation
.ti,ab. = terms in either title or abstract fields
adj = terms adjacent to each other (same order)
adj1 = terms within one word of each other (any order)
adj2 = terms within two words of each other (any order)

1. Cervix Uteri/ (0)
2. cervix.ti,ab. (53)
3. cervic$.ti,ab. (2882)
4. endocervix.ti,ab. (0)
5. endocervic$.ti,ab. (0)
6. ectocervix.ti,ab. (0)
7. ectocervic$.ti,ab. (0)
8. squamocolumnar junction.ti,ab. (0)
9. or/1-8 (2925)
10. Colposcopy/ (0)
11. colposcop$.ti,ab. (3)
12. (reflectance adj2 spectroscop$).ti,ab. (1)
13. (impedance adj2 spectroscop$).ti,ab. (2)
14. (fluoresence adj2 spectroscop$).ti,ab. (0)
15. (fluorescence adj2 spectroscop$).ti,ab. (11)
16. (Dielectric adj2 Spectroscop$).ti,ab. (0)
17. (reflectance adj2 spectrometr$).ti,ab. (0)
18. (impedance adj2 spectrometr$).ti,ab. (0)
19. (fluoresence adj2 spectrometr$).ti,ab. (0)
20. (fluorescence adj2 spectrometr$).ti,ab. (1)
21. (Dielectric adj2 Spectrometr$).ti,ab. (0)
22. (reflectance adj2 spectrum analys$).ti,ab. (0)
23. (fluorescence adj2 spectrum analys$).ti,ab. (0)
24. (fluoresence adj2 spectrum analys$).ti,ab. (0)
25. (impedance adj2 spectrum analys$).ti,ab. (0)
26. (Dielectric adj2 Spectrum analys$).ti,ab. (0)
27. telecolposcopy.ti,ab. (0)
28. optical coherence tomography.ti,ab. (4)
29. (multispectral adj2 fluorescence).ti,ab. (0)
30. microcolposcopy.ti,ab. (0)
31. dysis.ti,ab. (0)
32. dynamic spectral imaging system.ti,ab. (0)
33. Zilico.ti,ab. (0)
34. apx 100.ti,ab. (0)
35. luviva.ti,ab. (0)
36. Advanced Cervical Scan.ti,ab. (0)
37. multimodal hyperspectral imaging.ti,ab. (0)
38. niris.ti,ab. (0)
39. guided therapeutics.ti,ab. (0)
40. imalux.ti,ab. (0)

41. spectrx.ti,ab. (0)
42. trimodal.ti,ab. (1)
43. or/10-42 (23)
44. 9 and 43 (2)
45. 44 (2)
46. limit 45 to yr = "2000 -Current" (0)

Inspec

Via OvidSP, using the segment 1969 to week 36 2011, searched on 22 September 2011.

Key
/ = subject heading
exp = exploded EMTREE heading
$ = truncation
? = embedded truncation
.ti,ab. = terms in either title or abstract fields
adj = terms adjacent to each other (same order)
adj1 = terms within one word of each other (any order)
adj2 = terms within two words of each other (any order)

1. gynaecology/ (2663)
2. ervix.ti,ab. (654)
3. cervic$.ti,ab. (2546)
4. endocervix.ti,ab. (1)
5. endocervic$.ti,ab. (11)
6. ectocervix.ti,ab. (4)
7. ectocervic$.ti,ab. (7)
8. squamocolumnar junction.ti,ab. (2)
9. or/1-8 (5219)
10. biomedical optical imaging/ (15,871)
11. spectroscopy/ (8228)
12. electrochemical impedance spectroscopy/ (6857)
13. fluorescence spectroscopy/ (3208)
14. optical tomography/ (8916)
15. spectral analysis/ (28,390)
16. colposcop$.ti,ab. (102)
17. (reflectance adj2 spectroscop$).ti,ab. (3176)
18. (impedance adj2 spectroscop$).ti,ab. (11,183)
19. (fluoresence adj2 spectroscop$).ti,ab. (0)
20. (fluorescence adj2 spectroscop$).ti,ab. (7047)
21. (Dielectric adj2 Spectroscop$).ti,ab. (3161)
22. (reflectance adj2 spectrometr$).ti,ab. (89)
23. (impedance adj2 spectrometr$).ti,ab. (52)
24. (fluoresence adj2 spectrometr$).ti,ab. (0)
25. (fluorescence adj2 spectrometr$).ti,ab. (760)
26. (Dielectric adj2 Spectrometr$).ti,ab. (46)
27. (reflectance adj2 spectrum analys$).ti,ab. (6)
28. (fluorescence adj2 spectrum analys$).ti,ab. (20)
29. (fluoresence adj2 spectrum analys$).ti,ab. (0)
30. (impedance adj2 spectrum analys$).ti,ab. (20)
31. (Dielectric adj2 Spectrum analys$).ti,ab. (6)
32. telecolposcopy.ti,ab. (6)
33. optical coherence tomography.ti,ab. (4417)
34. (multispectral adj2 fluorescence).ti,ab. (49)
35. microcolposcopy.ti,ab. (0)
36. dysis.ti,ab. (0)
37. dynamic spectral imaging system.ti,ab. (2)
38. Zilico.ti,ab. (0)
39. apx 100.ti,ab. (1)

40. luviva.ti,ab. (0)
41. Advanced Cervical Scan.ti,ab. (0)
42. multimodal hyperspectral imaging.ti,ab. (0)
43. niris.ti,ab. (5)
44. guided therapeutics.ti,ab. (3)
45. imalux.ti,ab. (3)
46. spectrx.ti,ab. (2)
47. trimodal.ti,ab. (271)
48. or/10-47 (85,075)
49. 9 and 48 (603)
50. limit 49 to yr = "2000 -Current" (574)

Inside Conferences

Via Dialog, using the segment 1993 to 2011 18 October, searched on 19 October 2011.

Key
? = truncation
/ti,ab,de = terms in title, abstract, or descriptor fields
(w) = terms adjacent to each other (same order)
py = publication year
: = range e.g. py = 2008:2011 means year = 2008 or 2009 or 2010 or 2011
(n) = terms adjacent to each other (any order)
(2n) = terms within two words of each other (any order)
cc = concept code (for subject area limitation)
s s10/2008:2010 – limits set 10 to records published between 2008 and 2010 (inclusive)

Set	Items	Description
1	600	cervix/ti,ab,de
2	6600	cervic?/ti,ab,de
3	3	endocervix/ti,ab,de
4	50	endocervic?/ti,ab,de
5	1	ectocervix/ti,ab,de
6	4	ectocervic?/ti,ab,de
7	3	squamocolumnar(w)junction/ti,ab,de
8	7186	s1:s7
9	450	colposcop?/ti,ab,de
10	650	reflectance(2w)spectroscop?/ti,ab,de
11	1468	impedance(2w)spectroscop?/ti,ab,de
12	3	fluoresence(2w)spectroscop?/ti,ab,de
13	1970	fluorescence(2w)spectroscop?/ti,ab,de
14	600	dielectric(2w)spectroscop?/ti,ab,de
15	8	reflectance(2w)spectrometr?/ti,ab,de
16	4	impedance(2w)spectrometr?/ti,ab,de
17	1	fluoresence(2w)spectrometr?/ti,ab,de
18	217	fluorescence(2w)spectrometr?/ti,ab,de
19	4	dielectric(2w)spectrometr?/ti,ab,de
20	0	reflectance(2w)spectrum(w)analys?/ti,ab,de
21	46	fluorescence(2w)spectrum(w)analys?/ti,ab,de
22	0	fluoresence(2w)spectrum(w)analys?/ti,ab,de
23	1	impedance(2w)spectrum(w)analys?/ti,ab,de
24	1	dielectric(2w)spectrum(w)analys?/ti,ab,de
25	1	telecolposcopy/ti,ab,de

Set	Items	Description
26	2049	optical(w)coherence(w)tomography/ti,ab,de
27	21	multispectral(2w)fluorescence/ti,ab,de
28	0	microcolposcopy/ti,ab,de
29	0	dysis/ti,ab,de
30	0	dynamic(w)spectral(w)imaging(w)system/ti,ab,de
31	0	zilico/ti,ab,de
32	0	apx((w)100/ti,ab,de
33	0	luviva/ti,ab,de
34	0	advanced(w)cervical(w)scan/ti,ab,de
35	0	multimodal(w)hyperspectral(w)imaging/ti,ab,de
36	2	niris/ti,ab,de
37	0	guided(w)therapeutics/ti,ab,de
38	0	imalux/ti,ab,de
39	0	spectrx/ti,ab,de
40	21	trimodal/ti,ab,de
41	7425	s9:s40
42	398	s8 and s41
43	260	s42/2000:2011

PASCAL

Via Dialog, using the segment 1973 to week 2 October 2011, searched on 19 October 2011.

Key
? = truncation
/ti,ab,de = terms in title, abstract, or descriptor fields
(w) = terms adjacent to each other (same order)
py = publication year
: = range e.g. py = 2008:2011 means year = 2008 or 2009 or 2010 or 2011
(n) = terms adjacent to each other (any order)
(2n) = terms within two words of each other (any order)
cc = concept code (for subject area limitation)
s s10/2008:2010 – limits set 10 to records published between 2008 and 2010 (inclusive)

Set	Items	Description
1	26,102	cervix/ti,ab,de
2	64,544	cervic?/ti,ab,de
3	646	endocervix/ti,ab,de
4	1640	endocervic?/ti,ab,de
5	140	ectocervix/ti,ab,de
6	178	ectocervic?/ti,ab,de
7	144	squamocolumnar(w)junction/ti,ab,de
8	74,958	s1:s7
9	2306	colposcop?/ti,ab,de
10	4587	reflectance(2w)spectroscop?/ti,ab,de
11	10,846	impedance(2w)spectroscop?/ti,ab,de
12	4	fluoresence(2w)spectroscop?/ti,ab,de
13	10,255	fluorescence(2w)spectroscop?/ti,ab,de
14	2593	dielectric(2w)spectroscop?/ti,ab,de
15	627	reflectance(2w)spectrometr?/ti,ab,de
16	657	impedance(2w)spectrometr?/ti,ab,de
17	2	fluoresence(2w)spectrometr?/ti,ab,de
18	34,891	fluorescence(2w)spectrometr?/ti,ab,de
19	604	dielectric(2w)spectrometr?/ti,ab,de
20	9	reflectance(2w)spectrum(w)analys?/ti,ab,de
21	25	fluorescence(2w)spectrum(w)analys?/ti,ab,de
22	0	fluoresence(2w)spectrum(w)analys?/ti,ab,de
23	29	impedance(2w)spectrum(w)analys?/ti,ab,de
24	12	dielectric(2w)spectrum(w)analys?/ti,ab,de
25	2	telecolposcopy/ti,ab,de
26	3940	optical(w)coherence(w)tomography/ti,ab,de

Set	Items	Description
27	31	multispectral(2w)fluorescence/ti,ab,de
28	9	microcolposcopy/ti,ab,de
29	3	dysis/ti,ab,de
30	1	dynamic(w)spectral(w)imaging(w)system/ti,ab,de
31	0	zilico/ti,ab,de
32	0	apx((w)100/ti,ab,de
33	0	luviva/ti,ab,de
34	0	advanced(w)cervical(w)scan/ti,ab,de
35	0	multimodal(w)hyperspectral(w)imaging/ti,ab,de
36	6	niris/ti,ab,de
37	0	guided(w)therapeutics/ti,ab,de
38	1	imalux/ti,ab,de
39	7	spectrx/ti,ab,de
40	437	trimodal/ti,ab,de
41	67,761	s9:s40
42	2044	s8 and s41
43	1002	s42/2000:2011

Science Citation Index Expanded

Via Web of Knowledge, using the segment 2000 to 22 September 2011, searched on 23 September 2011.

Key
TS = topic tag; searches terms in title, abstract, author keywords and keywords plus fields
* = truncation
? = embedded truncation
" " = phrase search
near/1 = terms within one word of each other (any order)
near/2 = terms within two words of each other (any order)
same = terms within same sentence

#42	1,997	#41 AND #8
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#41	**64,814**	#40 OR #39 OR #38 OR #37 OR #36 OR #35 OR #34 OR #33 OR #32 OR #31 OR #30 OR #29 OR #28 OR #27 OR #26 OR #25 OR #24 OR #23 OR #22 OR #21 OR #20 OR #19 OR #18 OR #17 OR #16 OR #15 OR #14 OR #13 OR #12 OR #11 OR #10 OR #9
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#40	**499**	Topic = (trimodal)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#39	**16**	Topic = (spectrx)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#38	**6**	Topic = (imalux)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#37	**5**	Topic = ("guided therapeutics")
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#36	**15**	Topic = (niris)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#35	**0**	Topic = ("multimodal hyperspectral imaging")
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#34	**0**	Topic = ("Advanced Cervical Scan")
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#33	**0**	Topic = (luviva)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#32	**0**	Topic = ("apx 100")
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On

#31	**0**	Topic = (Zilico)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#30	**1**	Topic = ("dynamic spectral imaging system")
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#29	**23**	Topic = (dysis)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#28	**3**	Topic = (microcolposcopy)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#27	**71**	Topic = (multispectral NEAR/2 fluorescence)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#26	**10,214**	Topic = ("optical coherence tomography")
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#25	**16**	Topic = (telecolposcopy)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#24	**4**	Topic = (dielectric NEAR/2 "spectrum analys*")
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#23	**20**	Topic = (impedance NEAR/2 "spectrum analys*")
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#22	**0**	Topic = (fluoresence NEAR/2 "spectrum analys*")
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#21	**25**	Topic = (fluorescence NEAR/2 "spectrum analys*")
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#20	**4**	Topic = (reflectance NEAR/2 "spectrum analys*")
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#19	**54**	Topic = (dielectric NEAR/2 spectrometr*)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#18	**3305**	Topic = (fluorescence NEAR/2 spectrometr*)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#17	**1**	Topic = (fluoresence NEAR/2 spectrometr*)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On

#16	89	Topic = (impedance NEAR/2 spectrometr*)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#15	304	Topic = (reflectance NEAR/2 spectrometr*)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#14	4193	Topic = (dielectric NEAR/2 spectroscop*)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#13	19,430	Topic = (fluorescence NEAR/2 spectroscop*)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#12	16	Topic = (fluoresence NEAR/2 spectroscop*)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#11	17,914	Topic = (impedance NEAR/2 spectroscop*)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#10	7715	Topic = (reflectance NEAR/2 spectroscop*)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#9	2095	Topic = (colposcop*)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#8	75,249	#7 OR #6 OR #5 OR #4 OR #3 OR #2 OR #1
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#7	203	Topic = ("squamocolumnar junction")
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#6	157	Topic = (ectocervic*)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#5	75	Topic = (ectocervix)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#4	1589	Topic = (endocervic*)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#3	265	Topic = (endocervix)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#2	69,399	Topic = (cervic*)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On
#1	12,399	Topic = (cervix)
		Databases = SCIE, Time span = 2000–11
		Lemmatisation = On

Science Citation Index – Conference Proceedings

Via Web of Knowledge, using the segment 1990 to 22 September 2011, searched on 23 September 2011.

Key

Key

TS = topic tag; searches terms in Title, Abstract, Author Keywords and Keywords Plus fields
* = truncation
? = embedded truncation
" " = phrase search
near/1 = terms within one word of each other (any order)
near/2 = terms within two words of each other (any order)
same = terms within same sentence

#42	**263**	#41 AND #8
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#41	**13,448**	#40 OR #39 OR #38 OR #37 OR #36 OR #35 OR #34 OR #33 OR #32 OR #31 OR #30 OR #29 OR #28 OR #27 OR #26 OR #25 OR #24 OR #23 OR #22 OR #21 OR #20 OR #19 OR #18 OR #17 OR #16 OR #15 OR #14 OR #13 OR #12 OR #11 OR #10 OR #9
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#40	**54**	Topic = (trimodal)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#39	**1**	Topic = (spectrx)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#38	**5**	Topic = (imalux)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#37	**1**	Topic = ("guided therapeutics")
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#36	**6**	Topic = (niris)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#35	**0**	Topic = ("multimodal hyperspectral imaging")
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#34	**0**	Topic = ("Advanced Cervical Scan")
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#33	**0**	Topic = (luviva)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#32	**0**	Topic = ("apx 100")
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On

#31	0	Topic = (Zilico)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#30	1	Topic = ("dynamic spectral imaging system")
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#29	10	Topic = (dysis)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#28	0	Topic = (microcolposcopy)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#27	35	Topic = (multispectral NEAR/2 fluorescence)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#26	3738	Topic = ("optical coherence tomography")
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#25	3	Topic = (telecolposcopy)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#24	3	Topic = (dielectric NEAR/2 "spectrum analys*")
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#23	9	Topic = (impedance NEAR/2 "spectrum analys*")
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#22	0	Topic = (fluoresence NEAR/2 "spectrum analys*")
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#21	4	Topic = (fluorescence NEAR/2 "spectrum analys*")
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#20	3	Topic = (reflectance NEAR/2 "spectrum analys*")
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#19	10	Topic = (dielectric NEAR/2 spectrometr*)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#18	438	Topic = (fluorescence NEAR/2 spectrometr*)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#17	0	Topic = (fluoresence NEAR/2 spectrometr*)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#16	16	Topic = (impedance NEAR/2 spectrometr*)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On

#15	36	Topic = (reflectance NEAR/2 spectrometr*)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#14	1343	Topic = (dielectric NEAR/2 spectroscop*)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#13	2638	Topic = (fluorescence NEAR/2 spectroscop*)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#12	2	Topic = (fluoresence NEAR/2 spectroscop*)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#11	3644	Topic = (impedance NEAR/2 spectroscop*)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#10	1494	Topic = (reflectance NEAR/2 spectroscop*)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#9	266	Topic = (colposcop*)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#8	9112	#7 OR #6 OR #5 OR #4 OR #3 OR #2 OR #1
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#7	31	Topic = ("squamocolumnar junction")
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#6	18	Topic = (ectocervic*)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#5	8	Topic = (ectocervix)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#4	219	Topic = (endocervic*)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#3	30	Topic = (endocervix)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#2	7972	Topic = (cervic*)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On
#1	1686	Topic = (cervix)
		Databases = CPCI-S, Time span = 2000–11
		Lemmatisation = On

Additional searches were conducted to identify systematic reviews of colposcopy. In order to capture as many relevant reviews as possible, these searches consisted only of colposcopy-related terms.

Cochrane Database of Systematic Reviews

Via Wiley Cochrane Library website Issue 10 of 12, October 2011, searched on 25 October 2011.

Key
Medical subject heading (MeSH) descriptor = indexing term (MeSH heading)
* = truncation
" " = phrase search
:ti,ab = terms in either title or abstract fields
near/1 = terms within one word of each other (any order)
near/2 = terms within two words of each other (any order)
next = terms are next to each other

(Note: The hits for each line refer to the whole of The Cochrane Library, not just CDSR. The total number of hits retrieved for CDSR was 6.)

MeSH descriptor **Colposcopy**, this term only	280
MeSH descriptor **Spectrum Analysis**, this term only	66
MeSH descriptor **Tomography, Optical Coherence**, this term only	274
MeSH descriptor **Spectrometry, Fluorescence**, this term only	94
(colposcop*):ti or (colposcop*):ab	395
(reflectance NEAR/2 spectroscop*):ti or (reflectance NEAR/2 spectroscop*):ab	25
(impedance NEAR/2 spectroscop*):ti or (impedance NEAR/2 spectroscop*):ab	10
(fluoresence NEAR/2 spectroscop*):ti or (fluoresence NEAR/2 spectroscop*):ab	0
(fluorescence NEAR/2 spectroscop*):ti or (fluorescence NEAR/2 spectroscop*):ab	20
(dielectric NEAR/2 spectroscop*):ti or (dielectric NEAR/2 spectroscop*):ab	0
(reflectance NEAR/2 spectrometr*):ti or (reflectance NEAR/2 spectrometr*):ab	3
(impedance NEAR/2 spectrometr*):ti or (impedance NEAR/2 spectrometr*):ab	1
(fluoresence NEAR/2 spectrometr*):ti or (fluoresence NEAR/2 spectrometr*):ab	0
(fluorescence NEAR/2 spectrometr*):ti or (fluorescence NEAR/2 spectrometr*):ab	6
(dielectric NEAR/2 spectrometr*):ti or (dielectric NEAR/2 spectrometr*):ab	0
(reflectance AND (spectrum NEXT analys*)):ti or (reflectance AND (spectrum NEXT analys*)):ab	0
(fluorescence AND (spectrum NEXT analys*)):ti or (fluorescence AND (spectrum NEXT analys*)):ab	0
(fluoresence AND (spectrum NEXT analys*)):ti or (fluoresence AND (spectrum NEXT analys*)):ab	0
(impedance AND (spectrum NEXT analys*)):ti or (impedance AND (spectrum NEXT analys*)):ab	0
(dielectric AND (spectrum NEXT analys*)):ti or (dielectric AND (spectrum NEXT analys*)):ab	0
(telecolposcopy):ti or (telecolposcopy):ab	1
(optical coherence tomography):ti or (optical coherence tomography):ab	456
(multispectral NEAR/2 fluorescence):ti or (multispectral NEAR/2 fluorescence):ab	1
(microcolposcopy):ti or (microcolposcopy):ab	1
(dysis):ti or (dysis):ab	0
"dynamic spectral imaging system":ti or "dynamic spectral imaging system":ab	0
(Zilico):ti or (Zilico):ab	1

"apx 100":ti or "apx 100":ab	0
(luviva):ti or (luviva):ab	0
"Advanced Cervical Scan":ti or "Advanced Cervical Scan":ab	0
"multimodal hyperspectral imaging":ti or "multimodal hyperspectral imaging":ab	0
(niris):ti or (niris):ab	0
(guided therapeutics):ti or (guided therapeutics):ab	1
(imalux):ti or (imalux):ab	0
(spectrx):ti or (spectrx):ab	0
(trimodal):ti or (trimodal):ab	8
(**#1** OR **#2** OR **#3** OR **#4** OR **#5** OR **#6** OR **#7** OR **#8** OR **#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** 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**)	1215

Database of Abstracts of Reviews of Effects

Via Wiley Cochrane Library website Issue 4 of 4, October 2011, searched on 25 October 2011.

Key
MeSH descriptor = indexing term (MeSH heading)
* = truncation
" " = phrase search
:ti,ab = terms in either title or abstract fields
near/1 = terms within one word of each other (any order)
near/2 = terms within two words of each other (any order)
next = terms are next to each other

(Note: The hits for each line refer to the whole of The Cochrane Library, not just DARE. The total number of hits retrieved for DARE was 31.)

#1	MeSH descriptor **Colposcopy**, this term only	280
#2	MeSH descriptor **Spectrum Analysis**, this term only	66
#3	MeSH descriptor **Tomography, Optical Coherence**, this term only	274
#4	MeSH descriptor **Spectrometry, Fluorescence**, this term only	94
#5	(colposcop*)	570
#6	reflectance NEAR/2 spectroscop*	26
#7	impedance NEAR/2 spectroscop*	10
#8	fluoresence NEAR/2 spectroscop*	0
#9	fluorescence NEAR/2 spectroscop*	22
#10	dielectric NEAR/2 spectroscop*	1
#11	reflectance NEAR/2 spectrometr*	3
#12	impedance NEAR/2 spectrometr*	1
#13	fluoresence NEAR/2 spectrometr*	0
#14	fluorescence NEAR/2 spectrometr*	107
#15	dielectric NEAR/2 spectrometr*	0
#16	reflectance AND (spectrum NEXT analys*)	5
#17	fluorescence AND (spectrum NEXT analys*)	3
#18	fluoresence AND (spectrum NEXT analys*)	0
#19	impedance AND (spectrum NEXT analys*)	7
#20	dielectric AND (spectrum NEXT analys*)	0
#21	telecolposcopy	1
#22	"optical coherence tomography"	481
#23	multispectral NEAR/2 fluorescence	1
#24	microcolposcopy	1
#25	dysis	0
#26	"dynamic spectral imaging system"	0

#27	zilico	1
#28	"apx 100"	0
#29	luviva	0
#30	"Advanced Cervical Scan"	0
#31	"multimodal hyperspectral imaging"	0
#32	niris	0
#33	"guided therapeutics"	0
#34	imalux	0
#35	spectrx	2
#36	trimodal	14
#37	(**#1** OR **#2** OR **#3** OR **#4** OR **#5** OR **#6** OR **#7** OR **#8** OR **#9** OR **#10** OR **#11** OR **#12** OR **#13** OR **#14** OR **#15** OR **#16** O **#17** OR **#18** OR **#19** OR **#20** OR **#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**)	1344

Database of Abstracts of Reviews of Effects

This database was searched using the CRD DARE administrative database on 25 October 2011.

Key
* = truncation
" " = phrase search

1   colposcop* (73)
2   "Spectrum analys*" (4)
3   spectroscop* (128)
4   spectrometr (38)
5   spectrometr (38)
6   telecolposcop* (1)
7   "optical coherence tomography*" (27)
8   microcolposcop* (1)
9   dysis (0)
10 "dynamic spectral imaging system*" (0)
11 Zilico (0)
12 "apx 100" (0)
13 luviva (0)
14 "Advanced Cervical Scan*" (0)
15 "multimodal hyperspectral imaging" (0)
16   niris (0)
17 "guided therapeutrics" (0)
18 imalux (0)
19 spectrx (0)
20 trimodal (3)
21 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 (256)

Guidelines and treatment pathways
The following websites were searched to identify treatment guidelines and pathways:

- **Scottish Intercollegiate Guidelines Network (SIGN) (www.sign.ac.uk/, searched on 16 June 2011)** using the onsite search engine with the single search term "colposcopy". In addition, the website was scanned. This dual approach identified two relevant guidelines.
- **National Institute for Health and Clinical Excellence (NICE) (www.nice.org.uk/, searched on 16 June 2011)** using the onsite search engine with single search terms: "colposcopy", "dysis". The section of the website labelled "Cervical Cancer" was scanned in detail. This dual approach identified four items.
- **National Guideline Clearinghouse (www.guidelines.gov/, searched on 16 June 2011)** using the onsite search engine with single search terms: "dysis", "colposcopy". The following limits were applied: "treatment or intervention", date of publication was limited to 2005 or later. This produced four hits.
- **NIHR Health Technology Assessment programme (www.hta.ac.uk/, searched on 16 June 2011)** using the onsite search engine with the single search terms: "dysis", "colposcopy". Ten items were retrieved, none of which was a guideline.
- **NHS Evidence (www.evidence.nhs.uk/, searched on 16 June 2011)** using the onsite search engine with the single search terms: "dysis", "colposcopy". The following limit was applied: "Types of information: guidelines".

- **Trip database (www.tripdatabase.com/, searched on 16 June 2011)** using the onsite search engine with the single search terms: "dysis", "colposcopy". The following limit was applied: "guidelines". Ninety-three items were retrieved and scanned for relevance.