

Bijlage 9 Literatuur searches

Key question 1

A) bij patiënten met invasief cervixcarcinoom, welke diagnostische techniek resulteert in de meest accurate stadiering?

B) bij patiënten met invasief cervixcarcinoom, wat is het afkappunt van de tumormarkers scc en ca125 voor het definiëren van een hoog risicogroep m.b.t. lokale tumoruitbreiding, lymfekliermetastasen en metastasen op afstand?

MEDLINE, MEDLINE IN PROGRESS (VIA PUBMED)

Filters used for systematic reviews: [population] AND [outcome] AND [study type] AND [time]

Population <i>Cancer topic searches, National Cancer Institute; gynaecologic cancers: cervical cancer. Adapted to include Dutch language and key words in abstract</i> http://www.cancer.gov/cancertopics/litsearch	(((cervix neoplasms[majr] AND human[mh] AND (english[la] OR dutch[la])) OR ((cervix[Title/Abstract] OR cervical[Title/Abstract] OR exocervix[Title/Abstract] OR exocervical[Title/Abstract]) AND (cancer*[Title/Abstract] OR carcinoma*[Title/Abstract] OR adenocarcinoma*[Title/Abstract] OR malignan*[Title/Abstract] OR tumor*[Title/Abstract]) OR tumour*[Title/Abstract] OR neoplasm*[Title/Abstract]))))
Intervention	<i>No filters used for intervention</i>
Control	<i>No filters used for control</i>
Outcome	("Sensitivity and Specificity"[Majr] AND human[mh] AND (english[la] OR dutch[la])) OR (Sensitivity OR specificity OR ((pre-test or pretest) AND probability) OR "post-test probability" OR "predictive value*" OR "likelihood ratio*")
Study type: systematic reviews <i>Hunt D, et al. Ann Intern Med 1997;126:532-538 Adapted to English and Dutch languages</i>	(("meta-analysis"[pt] AND (english[la] OR dutch[la])) OR "meta-anal*[tw] OR "metaanal*[tw] OR ("quantitativ* review*[tw] OR "quantitative* overview*[tw]) OR ("systematic* review*[tw] OR "systematic* overview*[tw]) OR ("methodologic* review*[tw] OR "methodologic* overview*[tw]) OR ("review"[pt] AND "medline"[tw] AND (english[la] OR dutch[la]))
Time	Publication date from 2001

Filters used for randomised controlled trials: [population] AND [outcome] AND [study type] AND [time]

Population	(((cervix neoplasms[majr] AND human[mh] AND (english[la] OR dutch[la])) OR ((cervix[Title/Abstract] OR cervical[Title/Abstract] OR exocervix[Title/Abstract] OR exocervical[Title/Abstract]) AND (cancer*[Title/Abstract] OR carcinoma*[Title/Abstract] OR adenocarcinoma*[Title/Abstract] OR malignan*[Title/Abstract] OR tumor*[Title/Abstract]) OR tumour*[Title/Abstract] OR neoplasm*[Title/Abstract]))))
Intervention	<i>No filters used for intervention</i>
Control	<i>No filters used for control</i>
Outcome	("Sensitivity and Specificity"[Majr] AND human[mh] AND (english[la] OR dutch[la])) OR (Sensitivity OR specificity OR ((pre-test or pretest) AND probability) OR "post-test

	probability" OR "predictive value*" OR "likelihood ratio*")
Study type: randomised controlled trials <i>Cochrane highly sensitive search strategy adapted to include non-indexed records and non-therapeutic studies</i>	(randomized controlled trial[pt] OR controlled clinical trial[pt] NOT (animals[mh] NOT (animals[mh] AND humans [mh]))) OR (random*[tiab] OR trial[tiab] OR groups[tiab])
Time	Publication date from 2001

Filters used for observational studies: ([population] AND [outcome]) NOT ([SR] OR [RCT] OR [NOT]) AND [time]

Population	((cervix neoplasms[majr] AND human[mh] AND (english[la] OR dutch[la])) OR ((cervix[Title/Abstract] OR cervical[Title/Abstract] OR exocervix[Title/Abstract] OR exocervical[Title/Abstract] AND (cancer*[Title/Abstract] OR carcinoma*[Title/Abstract] OR adenocarcinoma*[Title/Abstract] OR malignan*[Title/Abstract] OR tumor*[Title/Abstract] OR tumour*[Title/Abstract] OR neoplasm*[Title/Abstract]))))
Control	<i>No filters used for control</i>
Outcome	("Sensitivity and Specificity"[Majr] AND human[mh] AND (english[la] OR dutch[la])) OR (Sensitivity OR specificity OR ((pre-test or pretest) AND probability) OR "post-test probability" OR "predictive value*" OR "likelihood ratio*")
Study type: observational studies	NOT (SR OR RCTs)
NOT	"Head and Neck Neoplasms"[Majr] OR "Mass Screening"[Majr] OR "Papillomavirus Infections"[Majr] OR HPV[tj]
Time	Publication date from 2001

Pubmed SCC and CA125: ([population] and ([SCC] OR [CA-125])) NOT [NOT] AND [time]

Population	((cervix neoplasms[majr] AND human[mh] AND (english[la] OR dutch[la])) OR ((cervix[Title/Abstract] OR cervical[Title/Abstract] OR exocervix[Title/Abstract] OR exocervical[Title/Abstract] AND (cancer*[Title/Abstract] OR carcinoma*[Title/Abstract] OR adenocarcinoma*[Title/Abstract] OR malignan*[Title/Abstract] OR tumor*[Title/Abstract] OR tumour*[Title/Abstract] OR neoplasm*[Title/Abstract]))))
Intervention: SCC	"squamous cell carcinoma-related antigen" [Supplementary Concept] OR SCC*[Title/Abstract]
Intervention: CA-125	"CA-125 Antigen"[Mesh] OR CA125[Title/Abstract] OR CA 125[Title/Abstract] OR CA-125[Title/Abstract]
NOT	"Head and Neck Neoplasms"[Majr] OR "Mass Screening"[Majr] OR "Papillomavirus Infections"[Majr] OR HPV[tj]

Time	Publication date from 2001

EMBASE (VIA OVID)

Filters used for systematic reviews: [population] AND [outcome] AND [study type: systematic reviews] AND [time and language]

Filters used for RCTs: [population] AND [outcome] AND [study type: RCT] AND [time and language]

Filters used for observational studies: (([population] AND [outcome]) NOT ([study type: systematic reviews] OR [study type: RCT] OR [NOT])) AND [time and language]

Population KCE	<ol style="list-style-type: none"> 1. ((cervix or cervical) adj5 (neoplas\$ or cancer\$ or tumo\$ or metasta\$ or malign\$ or \$carcin\$)).mp. 2. exp Uterine Cervical Neoplasms/ 3. 1 or 2
Outcome Diagnostic accuracy KCE, SIGN	<ol style="list-style-type: none"> 1. exp "Sensitivity and Specificity"/ 2. sensitivity.tw. 3. specificity.tw. 4. ((pre-test or pretest) adj probability).tw. 5. post-test probability.tw. 6. predictive value\$.tw. 7. likelihood ratio\$.tw. 8. or/1-7
Study type: systematic reviews	<ol style="list-style-type: none"> 1. exp Meta Analysis/ 2. ((meta adj analy\$) or metaanalys\$.tw. 3. (systematic adj (review\$1 or overview\$1)).tw. 4. or/1-3 5. cancerlit.ab. 6. cochrane.ab. 7. embase.ab. 8. (psychlit or psyclit).ab. 9. (psychinfo or psycinfo).ab. 10. (cinahl or cinhal).ab. 11. science citation index.ab. 12. bids.ab. 13. or/5-12 14. reference lists.ab. 15. bibliograph\$.ab. 16. hand-search\$.ab. 17. manual search\$.ab. 18. relevant journals.ab. 19. or/14-18 20. data extraction.ab. 21. selection criteria.ab. 22. 20 or 21 23. review.pt. 24. 22 and 23 25. letter.pt. 26. editorial.pt. 27. animal/ 28. human/ 29. 27 not (27 and 28) 30. or/25-26,29 31. 4 or 13 or 19 or 24 32. 31 not 30
Study type: randomised controlled trials	<ol style="list-style-type: none"> 1. Randomized controlled trials/ 2. Randomized controlled trial.pt. 3. Random allocation/ 4. Double blind method/ 5. Single blind method/ 6. Clinical trial.pt. 7. exp clinical trials/ 8. or/1-7 9. (clinic\$ adj trial\$1).tw. 10. ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or

	mask\$3)).tw. 11. Placebos/ 12. Placebo\$.tw. 13. Randomly allocated.tw. 14. (allocated adj2 random).tw. 15. or/9-14 16. 8 or 15 17. Case report.tw. 18. Letter.pt. 19. Historical article.pt. 20. Review of reported cases.pt. 21. Review, multicase.pt. 22. or/17-21 23. 16 not 22
Study type: observational studies	1. mass screening/ 2. papilloma virus/ 3. hpv.ti. 4. or/1-3
Time and language	limit [search] to ((dutch or english) and yr="2001 -Current")

Filters used: [population] and ([SCC] OR [CA-125]) AND [time and language]

Population <i>KCE</i>	1. ((cervix or cervical) adj5 (neoplas\$ or cancer\$ or tumo\$ or metasta\$ or malign\$ or \$carcin\$)).mp. 2. exp Uterine Cervical Neoplasms/ 3. 1 or 2
Intervention: SCC	1. exp squamous cell carcinoma antigen/ 2. scc\$.ti,ab. 3. 1 or 2
Intervention: CA-125	1. exp CA 125 antigen/ 1. CA125.ti,ab. 2. Ca 125.ti,ab. 3. Ca-125.ti,ab. 4. Or/1-4
Time and language	limit [search] to (human and (dutch or english) and yr="2001 -Current")

CDSR (VIA THE COCHRANE LIBRARY)

The Cochrane Database of Systematic Reviews was browsed by topic:

- a. cancer -> gynaecological-> cervix
- b. cancer -> gynaecological-> other
- c. cancer -> gynaecological-> supportive care
- d. cancer -> generic cancer care
- e. cancer -> palliative and supportive care -> organization of care
- f. cancer -> palliative and supportive care -> specific malignancies

Key question 2

Wat is de plaats van fertiliteitsparende behandeling bij vrouwen met cervix carcinoom?

OVID Medline

- 1 ((cervix or cervical) adj5 (neoplas\$ or cancer\$ or tumo\$ or metasta\$ or malign\$ or \$carcin\$)).mp. (67243)
- 2 exp Uterine Cervical Neoplasms/ (51197)
- 3 1 or 2 (67243)
- 4 animals/ not humans/ (3469993)
- 5 3 not 4 (66502)
- 6 Infertility, Female/pc [Prevention & Control] (587)
- 7 (fertility adj5 (preserv* or sparing or saving)).mp. (1922)
- 8 (preserv* adj5 reproduc*).mp. (486)
- 9 exp Fertility/ (28645)
- 10 exp Pregnancy/ (647427)
- 11 trachelectomy.mp. (263)
- 12 cervicectomy.mp. (10)
- 13 exp Conization/ (535)
- 14 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 (668780)
- 15 5 and 14 (3932)
- 16 limit 15 to (yr="2005 - 2011" and (dutch or english or french)) (731)

EMBASE

#1	'uterine cervix cancer'/exp OR 'uterine cervix carcinoma'/exp OR (cervi* NEAR/5 neoplas*):ab,ti OR (cervi* NEAR/5 cancer*):ab,ti OR (cervi* NEAR/5 carcin*):ab,ti OR (cervi* NEAR/5 tumo*):ab,ti OR (cervi* NEAR/5 metasta*):ab,ti OR (cervi* NEAR/5 malig*):ab,ti	75753
#2	'fertility'/de AND (preserv* OR sparing OR saving)	2201
#3	preserv* AND reproduc*	31978
#4	'pregnancy'/exp	531523
#5	'fertility'/exp	44770
#6	Trachelectomy	425
#7	Cervicectomy	76
#8	'conization'/exp	1559
#9	#5 OR #6 OR #2 OR #3 OR #4 OR #7 OR #8	590643
#10	#1 AND #9	3901
#11	#10 AND (2005:py OR 2006:py OR 2007:py OR 2008:py OR 2009:py OR 2010:py OR 2011:py)	1340

CDSR

Mesh-term: Uterine Cervical Neoplasms/ 1 protocol

Key question 3

Bij patiënten met operatief behandeld cervixcarcinoom stadium IB/IIA met aanwezigheid van lymfekliermetastasen, heeft postoperatieve chemoradiatie in vergelijking met postoperatieve radiotherapie een betere (ziektevrije) overleving?

OVID MEDLINE

- 1 exp Uterine Cervical Neoplasms/ (51414)
- 2 exp Cervix Uteri/ or cervi*.mp. (183324)
- 3 exp Adenocarcinoma/ (240316)
- 4 adenocarcinoma*.mp. (148998)
- 5 exp Carcinoma, Adenosquamous/ (1231)
- 6 adenosquamous carcinoma*.mp. (1242)
- 7 or/3-6 (262933)
- 8 2 and 7 (9506)
- 9 (cervi\$ adj5 neoplas\$.tw. (7277)
- 10 (cervi\$ adj5 cancer\$.tw. (27685)

- 11 (cervi\$ adj5 carcin\$).tw. (18629)
- 12 (cervi\$ adj5 tumo\$).tw. (4809)
- 13 (cervi\$ adj5 metasta\$).tw. (4502)
- 14 (cervi\$ adj5 malig\$).tw. (2037)
- 15 or/9-14 (50778)
- 16 1 or 8 or 15 (68957)
- 17 Radiotherapy/ (31785)
- 18 concurrent chemoradiotherapy.tw. (930)
- 19 exp Combined Modality Therapy/ (171035)
- 20 exp radiotherapy/ (116659)
- 21 chemoradiotherapy.tw. (5340)
- 22 or/17-21 (255944)
- 23 16 and 22 (8116)
- 24 meta-analysis.mp,pt. or review.pt. or search:.tw. (1719535)
- 25 randomized controlled trial.pt. (303438)
- 26 controlled clinical trial.pt. (82120)
- 27 randomized.ab. (210624)
- 28 placebo.ab. (123291)
- 29 clinical trials as topic.sh. (153308)
- 30 randomly.ab. (153000)
- 31 trial.ti. (90333)
- 32 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 (2330111)
- 33 exp animals/ not humans.sh. (3563185)
- 34 32 not 33 (2141418)
- 35 23 and 34 (1515)
- 36 limit 35 to (yr="2005 - 2011" and (dutch or english or french)) (374)

EMBASE

Neoadjuvant treatment		
#1.	'uterine cervix cancer'/exp OR 'uterine cervix carcinoma'/exp OR (cervi* NEAR/5 neoplas*):ab,ti OR (cervi* NEAR/5 cancer*):ab,ti OR (cervi* NEAR/5 carcin*):ab,ti OR (cervi* NEAR/5 tumo*):ab,ti OR (cervi* NEAR/5 metasta*):ab,ti OR (cervi* NEAR/5 malig*):ab,ti	76 080
#2.	'concomitant chemoradiotherapy'	477
#3.	'multimodality cancer therapy'/exp OR 'multimodality cancer therapy'	49 898
#4.	'adjuvant chemotherapy'/exp OR 'adjuvant chemotherapy'	15 269
#5.	'radiotherapy'/exp OR 'radiotherapy'	289 860
#6.	"adjuvant"/exp AND 'radiotherapy'/exp	1 735
#7.	#2 OR #3 OR #4 OR #5 OR #6	340 009
#8.	#1 AND #7	11 251
#9.	#8 AND ([cochrane review]/lim OR [meta analysis]/lim OR [randomized controlled trial]/lim OR [systematic review]/lim) AND ([article]/lim OR [article in press]/lim) AND ([dutch]/lim OR [english]/lim OR [french]/lim) AND [2005-2011]/py	158

CDSR Mesh-term: Uterine Cervical Neoplasms/

Key question 4

Bij patiënten met behandeld invasief cervixcarcinoom, welke (frequentie van) follow-up zorgt voor een betere overleving en kwaliteit van leven?

Pubmed medline

Filters used for systematic reviews: [population] AND [intervention] AND [systematic reviews] AND [similar to (Elit, Fyles et al. 2009)] AND [time limit systematic reviews]

Filters used for observational studies: [population] AND [intervention] NOT [systematic reviews] AND [time limit observational studies]

Population <i>Cancer topic searches, National Cancer Institute; gynaecologic cancers: cervical cancer. Adapted to include Dutch language, abstract text words and to exclude head and neck cancer</i> http://www.cancer.gov/cancertopics/litsearch	(((cervix neoplasms[majr] AND human[mh] AND (english[la] OR dutch[la])) OR ((cervix[Title/Abstract] OR cervical[Title/Abstract] OR exocervix[Title/Abstract] OR exocervical[Title/Abstract]) AND (cancer*[Title/Abstract] OR carcinoma*[Title/Abstract] OR adenocarcinoma*[Title/Abstract] OR malignan*[Title/Abstract] OR tumor*[Title/Abstract] OR tumour*[Title/Abstract] OR neoplasm*[Title/Abstract]))) NOT "Head and Neck Neoplasms"[Majr]
Intervention	("Case Management"[Mesh] OR "Office Visits"[Mesh] OR "Recurrence"[Mesh] OR "Neoplasm Recurrence, Local"[Mesh]) AND human[mh] AND (english[la] OR dutch[la]) OR (follow-up[Title/Abstract] OR followup[Title/Abstract] OR follow up[Title/Abstract] OR follow\$[Title/Abstract] OR monitor\$[Title/Abstract] OR surveillance[Title/Abstract] OR recur[Title/Abstract])
Control	<i>No filters used for control</i>
Outcome	<i>No filters used for outcome</i>
Study type: systematic reviews <i>Hunt D, et al. Ann Intern Med 1997;126:532-538 Adapted to English and Dutch languages</i>	("meta-analysis"[pt] AND (english[la] OR dutch[la])) OR "meta-anal"[tw] OR "metaanal"[tw] OR ("quantitativ* review"[tw] OR "quantitative* overview"[tw]) OR ("systematic* review"[tw] OR "systematic* overview"[tw]) OR ("methodologic* review"[tw] OR "methodologic* overview"[tw]) OR ("review"[pt] AND "medline"[tw] AND (english[la] OR dutch[la]))
Similar to (Elit, Fyles et al. 2009)	
Time limit systematic reviews	Publication date from 2001
Time limit observational studies	Publication date from 2007

Embase (via OVID)

Filters used for systematic reviews: [population systematic reviews] AND [intervention] AND [systematic reviews] AND [similar to (Elit, Fyles et al. 2009)] AND [time limit systematic reviews]

Filters used for observational studies: [population observational studies] AND [intervention] NOT [systematic reviews] AND [time limit observational studies]

Population systematic reviews <i>KCE</i>	1. ((cervix or cervical) adj5 (neoplas\$ or cancer\$ or tumo\$ or metasta\$ or malign\$ or \$carcin\$)).mp. 2. exp Uterine Cervical Neoplasms/ 3. 1 or 2
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<p>Population observational studies</p> <p><i>Adapted to exclude head and neck cancer</i></p>	<ol style="list-style-type: none"> 1. ((cervix or cervical) adj5 (neoplas\$ or cancer\$ or tumor\$ or metasta\$ or malign\$ or \$carcin\$)).mp. 2. exp Uterine Cervical Neoplasms/ 3. 1 or 2 4. exp "head and neck tumor"/ or exp "head and neck carcinoma"/ or exp "head and neck cancer"/ 5. 3 not 4
<p>Intervention</p>	<ol style="list-style-type: none"> 1. Follow-Up Studies/ 2. follow-up.ti,ab. 3. followup.ti,ab. 4. follow up.ti,ab. 5. Follow\$.ti,ab. 6. Monitor\$.ti,ab. 7. surveillance.ti,ab. 8. Recur\$.ti,ab. 9. exp tumor recurrence/ 10. exp recurrent disease/ 11. or/1-10 12. letter.pt. 13. editorial.pt 14. Case report.tw. 15. Or/12-14 16. 11 not 15
<p>Control</p>	<p><i>No filters used for outcome</i></p>
<p>Study type: systematic reviews</p>	<ol style="list-style-type: none"> 1. exp Meta Analysis/ 2. ((meta adj analy\$) or metaanalys\$.tw. 3. (systematic adj (review\$1 or overview\$1)).tw. 4. or/1-3 5. cancerlit.ab. 6. cochrane.ab. 7. embase.ab. 8. (psychlit or psyclit).ab. 9. (psychinfo or psycinfo).ab. 10. (cinahl or cinhal).ab. 11. science citation index.ab. 12. bids.ab. 13. or/5-12 14. reference lists.ab. 15. bibliograph\$.ab. 16. hand-search\$.ab. 17. manual search\$.ab. 18. relevant journals.ab. 19. or/14-18 20. data extraction.ab. 21. selection criteria.ab. 22. 20 or 21 23. review.pt. 24. 22 and 23 25. letter.pt. 26. editorial.pt. 27. animal/ 28. human/ 29. 27 not (27 and 28) 30. or/25-26,29 31. 4 or 13 or 19 or 24 32. 31 not 30
<p>Similar to (Elit, Fyles et al. 2009)</p>	
<p>Time and language limit systematic reviews</p>	<p>limit [search] to (human and (dutch or english) and yr="2001-Current")</p>

Time and language limit observational studies	limit [search] to (human and (dutch or english) and yr="2007-Current")
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CDSR (via The Cochrane Library)

The Cochrane Database of Systematic Reviews was browsed by topic:

- cancer -> gynaecological-> cervix
- cancer -> gynaecological-> other
- cancer -> gynaecological-> supportive care
- cancer -> generic cancer care
- cancer -> palliative and supportive care -> organization of care
- cancer -> palliative and supportive care -> specific malignancies

Key question 4.1

Is de behandelbaarheid hoger naarmate het recidief eerder wordt gediagnosticeerd?

Strategy

Because of budget and time restrictions it was decided not to search for studies that might answer this key question directly. An indirect approach was used: Elit et al. reported eight studies that reported survival results separately for patients who were symptomatic versus those who were asymptomatic at the time of recurrence detection. Four of these studies reported survival for both asymptomatic and symptomatic patients, and were published from 1995 onwards (table 4 in Elit et al.). These four studies would be evaluated in more detail.

These four studies were:

- (Bodurka-Bevers, Morris et al. 2000)
- (Lim, Howells et al. 2004)
- (Morice, Deyrolle et al. 2004)
- (Sartori, Pasinetti et al. 2007)

Key question 4.2

Welke diagnostiek is het meest geschikt om behandelbare nieuwe kankermanifestaties vroeg en accuraat te diagnosticeren?

This question was answered in part through key question 4. However, the search and selection there focused on diagnostic accuracy, which overemphasized technical diagnostics, over clinical interview and physical examination. Therefore, the ten most recent observational studies from the systematic review by Elit et al. were evaluated in more detail to extract information on physical examination&/medical history detected recurrence, symptomatic vs. asymptomatic recurrence, site of recurrence.

Table 1. Ten most recent studies from (Elit, Fyles et al. 2009)

Reference	In or excluded?
(Ansink, de Barros Lopes et al. 1996)	Included
(Bodurka-Bevers, Morris et al. 2000)	Included
(Duyn, Van Eijkeren et al. 2002)	Included
(Esajas, Duk et al. 2001)	Included
(Lim, Howells et al. 2004)	Included
(Morice, Deyrolle et al. 2004)	Included
(Rintala, Rantanen et al. 1997)	Excluded: does not contain information on the value of any diagnostic tool other than PAP smear
(Samlal, Van Der Velden et al. 1998)	Included
(Sartori, Pasinetti et al. 2007)	Included
(Zola, Fuso et al. 2007)	Included

Key question 5

De behandeling van patiënten met recidief cervixcarcinoom.

OID Medline

1.	exp Uterine Cervical Neoplasms/
2.	(cervi\$ adj5 neoplas\$).tw.
3.	(cervi\$ adj5 cancer\$).tw.
4.	(cervi\$ adj5 carcin\$).tw.
5.	(cervi\$ adj5 tumo\$).tw.
6.	(cervi\$ adj5 metasta\$).tw.
7.	(cervi\$ adj5 malig\$).tw.

8.	or/1-7
9.	exp Neoplasm Metastasis/
10.	metastas\$.tw.
11.	stage iv\$.tw.
12.	exp Neoplasm Recurrence, Local/
13.	exp Recurrence/
14.	(recurr\$ and (distan\$ or local\$ or metasta\$)).tw.
15.	9 or 10 or 11 or 12 or 13 or 14
16.	8 and 15
17.	meta-analysis.mp,pt. or review.pt. or search:.tw.
18.	randomized controlled trial.pt.
19.	controlled clinical trial.pt.
20.	randomized.ab.
21.	placebo.ab.
22.	clinical trials as topic.sh.
23.	randomly.ab.
24.	trial.ti.
25.	17 or 18 or 19 or 20 or 21 or 22 or 23 or 24
26.	exp animals/ not humans.sh.
27.	25 not 26
28.	16 and 27
29.	limit 28 to (yr="2005 - 2011" and (dutch or english or french))

Embase

Metastatic cancer		
#1.	'uterine cervix cancer'/exp OR 'uterine cervix carcinoma'/exp OR (cervi* NEAR/5 neoplas*):ab,ti OR (cervi* NEAR/5 cancer*):ab,ti OR (cervi* NEAR/5 carcin*):ab,ti OR (cervi* NEAR/5 tumo*):ab,ti OR (cervi* NEAR/5 metasta*):ab,ti OR (cervi* NEAR/5 malig*):ab,ti AND ([cochrane review]/lim OR [meta analysis]/lim OR [randomized controlled trial]/lim OR [systematic review]/lim) AND ([article]/lim OR [article in press]/lim OR [review]/lim) AND ([dutch]/lim OR [english]/lim OR [french]/lim) AND [2005-2011]/py	635
Recurrent cancer		
#1.	'uterine cervix cancer'/exp OR 'uterine cervix carcinoma'/exp OR (cervi* NEAR/5 neoplas*):ab,ti OR (cervi* NEAR/5 cancer*):ab,ti OR (cervi* NEAR/5 carcin*):ab,ti OR (cervi* NEAR/5 tumo*):ab,ti OR (cervi* NEAR/5 metasta*):ab,ti OR (cervi* NEAR/5 malig*):ab,ti	72,468
#2.	'tumor recurrence'/exp	30,071
#3.	'recurrence':ab,ti	170,109
#4.	#2 OR #3	186,432
#5.	#1 AND #4	4,258
#6.	#1 AND #4 AND ([cochrane review]/lim OR [meta analysis]/lim OR [randomized controlled trial]/lim OR [systematic review]/lim) AND ([article]/lim OR [article in press]/lim OR [review]/lim) AND ([dutch]/lim OR [english]/lim OR [french]/lim) AND [2005-2011]/py	41

Key question 6:

Wat zijn de behandelingsmogelijkheden bij seksueel disfunctioneren na behandeling voor cervixcarcinoom?

OID Medline

- 1 ((cervix or cervical) adj5 (neoplas\$ or cancer\$ or tumo\$ or metasta\$ or malign\$ or \$carcin\$)).mp. (67747)
- 2 exp Uterine Cervical Neoplasms/ (51542)
- 3 1 or 2 (67747)
- 4 animals/ not humans/ (3488364)
- 5 3 not 4 (67002)
- 6 exp Sexual Dysfunctions, Psychological/ (23973)
- 7 exp Sexual Behavior/ (66819)
- 8 vaginal stenosis.tw. (155)
- 9 vaginal fibrosis.tw. (4)
- 10 vaginal shortening.tw. (15)

- 11 sex\$ aid\$.tw. (51)
- 12 dilator\$.tw. (5325)
- 13 vibrator\$.tw. (2814)
- 14 doughnut\$.tw. (633)
- 15 lubrication.tw. (1773)
- 16 exp Dyspareunia/ (1177)
- 17 exp Sexual Dysfunctions, Psychological/ or exp Sexual Dysfunction, Physiological/ (29208)
- 18 exp Coitus/ or exp Vagina/ (30223)
- 19 exp Copulation/ (3145)
- 20 exp Sexuality/ (23155)
- 21 exp Vulvovaginitis/ (3533)
- 22 stent*.mp. (53392)
- 23 exp Libido/ (3702)
- 24 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 (184605)
- 25 5 and 24 (2190)
- 26 limit 25 to yr="2005 -Current" (557)
- 27 meta-analysis.mp,pt. or review.pt. or search:.tw. (1724828)
- 28 26 and 27 (79)

Embase

- #1 'uterine cervix cancer'/exp OR 'uterine cervix cancer' OR 'uterine cervix carcinoma'/exp OR 'uterine cervix carcinoma' OR (cervi* NEAR/5 neoplas*):ab,ti OR (cervi* NEAR/5 cancer*):ab,ti OR (cervi* NEAR/5 carcin*):ab,ti OR (cervi* NEAR/5 tumo*):ab,ti OR (cervi* NEAR/5 metasta*):ab,ti OR (cervi* NEAR/5 malig*):ab,ti 76444
- #2 sexual AND dysfunctions 1776
- #3 sexual AND ('behavior'/exp OR 'behavior') 156525
- #4 vaginal AND ('stenosis'/exp OR stenosis) 1249
- #5 vaginal AND ('fibrosis'/exp OR fibrosis) 249
- #6 vaginal AND shortening 243
- #7 'sex' OR 'sex'/exp OR sex AND aid 97243
- #8 dilator 4715
- #9 vibrator 637
- #10 doughnut 659
- #11 'lubrication'/de OR lubrication 3573
- #12 'dyspareunia'/exp OR dyspareunia 4667
- #13 'coitus'/exp OR coitus 6186
- #14 vagina 79238
- #15 copulation 4338
- #16 'sexuality'/exp OR sexuality 138405
- #17 vulvovaginitis 2128
- #18 stent* 80679
- #19 #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 444108
- #20 #1 AND #19 9639
- #21 #20 AND (2005:py OR 2006:py OR 2007:py OR 2008:py OR 2009:py OR 2010:py OR 2011:py) 3365
- #22 #20 AND (2005:py OR 2006:py OR 2007:py OR 2008:py OR 2009:py OR 2010:py OR 2011:py) AND 'review'/it 589

CDSR

MesH-term: Uterine Cervical Neoplasms/ 4 reviews, 3 retained