

Bijlage 9 Literatuursearches

Uitgangsvraag 5

Wat is het effect van de schildwachtklier procedure bij patiënten met nieuw gediagnosticeerd melanoom met breslowdikte ≥ 1 mm op de (ziektevrije) overleving in vergelijking met een 'wait and see' aanpak?

Zoekstrategie

Searches were run on January 19, 2011.

OID Medline, Embase and the COCHRANE DATABASE OF SYSTEMATIC REVIEWS were searched. Detailed search strings are given below.

Zoektermen

medline, MEDLINE in progress (via ovid)

Melanoma/th [Therapy]. (6249)

exp Sentinel Lymph Node Biopsy/(5848)

1 and 2 (89)

limit 3 to (human and (dutch or english) and yr="2002-2010") (59)

melanoma\$.ti,ab. (64683)

(sentinel\$ or SLN\$).ti,ab. (13480)

5 and 6 (2018)

limit 7 to yr="2002-2010" (1468)

4 or 8 (1487)

Embase (via OVID)

exp Melanoma/ (79668)

melanoma\$.mp. (94262)

1 or 2 (94523)

(sentinel\$ or SLN\$).mp. (18424)

exp Sentinel Lymph Node Biopsy/(6151)

4 or 5 (18424)

3 and 6 (3235)

limit 7 to (human and (dutch or english) and yr="2002-2010") (2004)

COCHRANE DATABASE OF SYSTEMATIC REVIEWS (via OVID)

melanoma\$.ti,ab. (6)

Uitgangsvraag 7.1

Wat is het effect en de accuratesse van beeldvormend onderzoek naar metastasen bij patiënten met nieuw gediagnosticeerd melanoom stadium I-II op de overleving in vergelijking met een 'wait and see' aanpak?

Zoekstrategie

Taal: Nederlands en Engels voor alle zoekvragen;

Tijdsperiode: standaard wordt gezocht tussen 1/1/2002 en 1/1/2011;

Databases: standaard wordt gezocht in Medline, Embase en de Cochrane Database of Systematic Reviews;

Zoektermen

MEDLINE en PreMedline

exp Melanoma/

exp Skin Neoplasms/

((skin or cutaneous) adj5 (neoplas\$ or cancer\$ or carcin\$ or tumo\$ or metasta\$ or malign\$ or melanoma)).mp.

or/1-3

deoxyglucose/ or [deoxyglucose.tw.](#) or [desoxyglucose.tw.](#) or [deoxy-glucose.tw.](#) or [desoxy-glucose.tw.](#)

or [deoxy-d-glucose.tw.](#) or [desoxy-d-glucose.tw.](#) or [2deoxyglucose.tw.](#) or [2deoxy-d-glucose.tw.](#) or

[fluorodeoxyglucose.tw.](#) or [fluorodesoxyglucose.tw.](#) or [fludeoxyglucose.tw.](#) or [fluorodeoxyglucose.tw.](#) or

[fluordesoxyglucose.tw.](#) or [18fluorodeoxyglucose.tw.](#) or [18fluordesoxyglucose.tw.](#) or

[18fluorodeoxyglucose.tw.](#) or fdg.tw. or 18fdg*.tw. or 18f-dg*.tw.*

(fluor or 2fluor or fluoro or fluorodeoxy or fludeoxy or fluorine or 18f or 18flu*).tw.*

[glucose.tw.](#)

7 and 6

deoxyglucose/
 Fluorodeoxyglucose F18/
 5 or 8 or 9 or 10
 (pet or petscan*).tw. or tomography, emission-computed/
[emission.tw.](#)
 (tomograph or tomographs or tomographic* or tomography or tomographies).tw.
 13 and 14
 Positron-Emission Tomography/
 12 or 15 or 16
 11 and 17
 exp Tomography, X-Ray Computed/
 Tomography Scanners, X-Ray Computed/
 19 or 20
 ((CT or CTs or CAT) adj3 (scan* or x-ray* or cine or helical or spiral or volume* or cone beam*)).ti,ab.
 (compute* adj3 tomograph*).ti,ab.
 (tomodensitometr* or electron beam tomograph* or tomograph* scan* or EBCT or MDCT).ti,ab.
 (x ray* adj3 (microtomograph* or microcomput*)).ti,ab.
 or/22-25
 21 or 26
 exp ultrasonography/
 exp ultrasonics/
 (ultrasound* OR ultrasonic* OR ultrasonog* OR echo* OR US OR endosonog*).ti,ab.
 or/28-30
 exp Magnetic Resonance Imaging/
 magnetic resonance imag\$.mp.
 chemical shift imaging.tw.
 mr tomograph\$.tw.
 magnetization transfer contrast imaging.tw.
 proton spin tomograph\$.tw.
 zeugmatograph\$.tw.
 exp Magnetic Resonance Spectroscopy/
 exp MR Spectroscopy/
 exp NMR Tomography/
 exp NMR Imaging/
 MRS.tw.
 MRI.tw.
 NMR.tw.
 KST.tw.
 or/32-46
 18 or 27 or 31 or 47
 4 and 48
 animals/ not humans/
 49 not 50
 limit 51 to (yr="2002 - 2011" and (dutch or english))
 Zoekdatum 01/02/2011, 3008 hits
 Embase
 1. exp Melanoma/
 2. skin adj5 neoplas*.ab,ti
 3. skin adj5 melanoma*.ab,ti
 4. cutaneous adj5 melanoma*.ab,ti
 5. or/1-4
 6. exp whole body pet/
 7. exp positron emission tomography/
 8. exp computer assisted tomography/
 9. exp Magnetic Resonance Imaging/
 10. exp ultrasonography/
 11. or/6-10
 12. 5 and 11
 13. limit 12 to (yr="2002 - 2011" and (dutch or english))
 Zoekdatum 01/02/2011, 2782 hits
 COCHRANE DATABASE OF SYSTEMATIC REVIEWS

- #1 [\(melanoma\) in Cochrane Reviews](#)
#2 [MeSH descriptor Melanoma explode tree 3](#)
#3 [\(#1 OR #2\)](#)

Zoekdatum 01/02/2011, 50 hits

Uitgangsvraag 7.2

Wat is het verschil in diagnostische accuratesse en therapeutische impact voor de vaststelling van metastasen tussen PET en CT bij patiënten met een bewezen melanoom van de huid?

Zoekstrategie

Medline, PreMedline, Embase and the Cochrane Database of Systematic Reviews were searched. Searches were run on October 6th and 9th 2011. The search strategies can be found appendix. Articles published before 2002 and not written in English or Dutch were excluded.

First, a broad search was run on observational studies (and systematic reviews of observational studies) evaluating or describing recurrence in malignant melanoma. The Medline search yielded 1845 hits, the PreMedline search 33 hits, while the Embase search yielded 700 hits. The search in the CDSR yielded 4 Cochrane reviews.

Second, a search of RCTs with a 'wait and see' arm was done. The Medline search yielded 419 hits, the PreMedline search 3 hits, while the Embase search yielded 79 hits. The search in the CDSR yielded 4 Cochrane reviews.

Selection criteria

Studies were selected if 100 or more first melanoma patients were included and if the follow-up was at least 5 years (or either a mean or a median follow-up of 5 years or more) for studies were a %recurrences/all recurrences was calculated per time interval. Studies that calculated a hazard risk per time interval could have a follow-up of 36 months or longer.

Excluded studies

After merging all search files into 1 file and removal of the duplicates, 2301 hits were screened on title and abstract. Of these, 2208 were excluded. The most important reasons for exclusion were:

1. Studies were not on (human) melanoma
2. Studies were not on time-to-recurrence
3. Studies were on non-cutaneous melanoma
4. Studies included less than 100 patients

Of the remaining 93 studies, and two study found through reference tracking (95 studies in total) the full-text was retrieved. Based on the full-text, an additional 86 studies were excluded. Table 1 provides an overview of the in- and exclusion of studies.

Included studies

Nine studies were included for quality appraisal and data extraction.

Outcomes were defined/described/recalculated as:

- Hazard rates (1 recurrences per number of person years at risk) at different time intervals (preferentially)
- The % of recurrences/all recurrences detected at different time intervals (if hazard rates could not be calculated)

Actual figures were taken or recalculated, if unavailable, data were read from figures (disease-free survival curves) by hand.

Zoektermen

First search

MEDLINE

exp Melanoma/

exp Skin Neoplasms/

((skin or cutaneous) adj5 (neoplas\$ or cancer\$ or carcin\$ or tumo\$ or metasta\$ or malig\$ or melanoma)).mp.

or/1-3

Follow-Up Studies/ or exp Longitudinal Studies/

aftercare.mp. or Aftercare/
 ((serial adj5 monitoring) or (assessing adj follow*) or follow-up or re-evaluated or (monitoring adj5
 recurr*)),ti,ab.
 or/5-7
 recurrence/
 Neoplasms, Second Primary/
 neoplasm recurrence, local/
 (recurren* or relaps*)),ti,ab.
 or/9-12
 4 and 8 and 13
 limit 14 to (yr="2002 - 2011" and (dutch or english))
 PreMedline
 ((skin or cutaneous) adj5 (neoplas\$ or cancer\$ or carcin\$ or tumo\$ or metasta\$ or malig\$ or
 melanoma)),mp.
 aftercare.mp.
 ((serial adj5 monitoring) or (assessing adj follow*) or follow-up or re-evaluated or (monitoring adj5
 recurr*)),ti,ab.
 (recurren* or relaps*)),ti,ab.
 2 or 3
 1 and 4 and 5
 Embase
 #9 #8 AND ([article]/lim OR [article in press]/lim OR [review]/lim) AND ([dutch]/lim OR [english]/lim)
 AND [embase]/lim AND [2002-2011]/py
 #8 #1 AND #4 AND #7
 #7 #5 OR #6
 #6 recurren*:ab,ti OR relaps*:ab,ti
 #5 'recurrent disease'/exp OR 'cancer recurrence'/exp OR 'tumor recurrence'/exp OR 'second
 cancer'/exp
 #4 #2 OR #3
 #3 (serial NEAR/5 monitoring):ab,ti OR (assessing:ab,ti AND next:ab,ti AND follow*:ab,ti) OR 'follow
 up':ab,ti OR 're evaluated':ab,ti OR (monitoring NEAR/5 recurr*):ab,ti
 #2 'follow up'/exp OR 'aftercare'/de OR 'patient monitoring'/de OR 'ambulatory monitoring'/exp
 #1 (skin NEAR/5 neoplas*):ab,ti OR (skin NEAR/5 cancer*):ab,ti OR (skin NEAR/5 carcin*):ab,ti OR
 (skin NEAR/5 tumo*):ab,ti OR (skin NEAR/5 metasta*):ab,ti OR (skin NEAR/5 malig*):ab,ti OR (skin
 NEAR/5 melanoma*):ab,ti OR (cutaneous NEAR/5 neoplas*):ab,ti OR (cutaneous NEAR/5
 cancer*):ab,ti OR (cutaneous NEAR/5 carcin*):ab,ti OR (cutaneous NEAR/5 tumo*):ab,ti OR
 (cutaneous NEAR/5 metasta*):ab,ti OR (cutaneous NEAR/5 malig*):ab,ti OR (cutaneous NEAR/5
 melanoma*):ab,ti
 COCHRANE DATABASE OF SYSTEMATIC REVIEWS
 MeSH-term: Melanoma

Zoektermen

Second search

MEDLINE

exp Melanoma/

exp Skin Neoplasms/

((skin or cutaneous) adj5 (neoplas\$ or cancer\$ or carcin\$ or tumo\$ or metasta\$ or malig\$ or
 melanoma)),mp.

or/1-3

recurrence/

Neoplasms, Second Primary/

neoplasm recurrence, local/

(recurren* or relaps*)),ti,ab.

disease-free survival/

DFS.mp.

disease-free.mp.

or/5-11

4 and 12

randomized controlled trial.pt.

controlled clinical trial.pt.

randomized.ab.

placebo.ab.
 clinical trials as topic.sh.
 randomly.ab.
 trial.ti.
 or/14-20
 exp animals/ not humans.sh.
 21 not 22
 13 and 23
 limit 24 to (yr="2002 - 2011" and (dutch or english))
 PreMedline
 ((skin or cutaneous) adj5 (neoplas\$ or cancer\$ or carcin\$ or tumo\$ or metasta\$ or malig\$ or melanoma)).mp.
 (recurren* or relaps*).ti,ab.
 DFS.mp.
 disease-free.mp.
 or/2-4
 1 and 5
 randomized.ab.
 placebo.ab.
 randomly.ab.
 trial.ti.
 or/7-10
 6 and 11
 limit 12 to (yr="2002 - 2011" and (dutch or english))
 Embase
 #9 #8 AND ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim) AND ([dutch]/lim OR [english]/lim) AND [embase]/lim AND [2002-2011]/py
 #8 #1 AND #7
 #7 #4 OR #5 OR #6
 #6 'disease free' OR dfs
 #5 'disease free survival'/exp
 #4 #2 OR #3
 #3 recurren*:ab,ti OR relaps*:ab,ti
 #2 'recurrent disease'/exp OR 'cancer recurrence'/exp OR 'tumor recurrence'/exp OR 'second cancer'/exp
 #1 (skin NEAR/5 neoplas*):ab,ti OR (skin NEAR/5 cancer*):ab,ti OR (skin NEAR/5 carcin*):ab,ti OR (skin NEAR/5 tumo*):ab,ti OR (skin NEAR/5 metasta*):ab,ti OR (skin NEAR/5 malig*):ab,ti OR (skin NEAR/5 melanoma*):ab,ti OR (cutaneous NEAR/5 neoplas*):ab,ti OR (cutaneous NEAR/5 cancer*):ab,ti OR (cutaneous NEAR/5 carcin*):ab,ti OR (cutaneous NEAR/5 tumo*):ab,ti OR (cutaneous NEAR/5 metasta*):ab,ti OR (cutaneous NEAR/5 malig*):ab,ti OR (cutaneous NEAR/5 melanoma*):ab,ti
 COCHRANE DATABASE OF SYSTEMATIC REVIEWS
 MeSH-term: Melanoma

Uitgangsvraag 13.1

Op welke termijn kunnen nieuwe kankermanifestaties (locale of regionale recidieven, afstandsmetastasen dan wel tweede primaire tumoren) optreden?

Zoekstrategie

Medline, PreMedline, Embase and the Cochrane Database of Systematic Reviews were searched. Searches were run on October 6th en 9th 2011. The search strategies can be found appendix. Articles published before 2002 and not written in English or Dutch were excluded.

First, a broad search was run on observational studies (and systematic reviews of observational studies) evaluating or describing recurrence in malignant melanoma. Second, a search of RCTs with a 'wait and see' arm was done.

Zoektermen

First search

MEDLINE

exp Melanoma/

exp Skin Neoplasms/
 ((skin or cutaneous) adj5 (neoplas\$ or cancer\$ or carcin\$ or tumo\$ or metasta\$ or malig\$ or melanoma)).mp.
 or/1-3
 Follow-Up Studies/ or exp Longitudinal Studies/
 aftercare.mp. or Aftercare/
 ((serial adj5 monitoring) or (assessing adj follow*) or follow-up or re-evaluated or (monitoring adj5 recurr*)).ti,ab.
 or/5-7
 recurrence/
 Neoplasms, Second Primary/
 neoplasm recurrence, local/
 (recurren* or relaps*).ti,ab.
 or/9-12
 4 and 8 and 13
 limit 14 to (yr="2002 - 2011" and (dutch or english))
 PreMedline
 ((skin or cutaneous) adj5 (neoplas\$ or cancer\$ or carcin\$ or tumo\$ or metasta\$ or malig\$ or melanoma)).mp.
 aftercare.mp.
 ((serial adj5 monitoring) or (assessing adj follow*) or follow-up or re-evaluated or (monitoring adj5 recurr*)).ti,ab.
 (recurren* or relaps*).ti,ab.
 2 or 3
 1 and 4 and 5

Embase

#9 #8 AND ([article]/lim OR [article in press]/lim OR [review]/lim) AND ([dutch]/lim OR [english]/lim)
 AND [embase]/lim AND [2002-2011]/py
 #8 #1 AND #4 AND #7
 #7 #5 OR #6
 #6 recurren*:ab,ti OR relaps*:ab,ti
 #5 'recurrent disease'/exp OR 'cancer recurrence'/exp OR 'tumor recurrence'/exp OR 'second cancer'/exp
 #4 #2 OR #3
 #3 (serial NEAR/5 monitoring):ab,ti OR (assessing:ab,ti AND next:ab,ti AND follow*:ab,ti) OR 'follow up':ab,ti OR 're evaluated':ab,ti OR (monitoring NEAR/5 recurr*):ab,ti
 #2 'follow up'/exp OR 'aftercare'/de OR 'patient monitoring'/de OR 'ambulatory monitoring'/exp
 #1 (skin NEAR/5 neoplas*):ab,ti OR (skin NEAR/5 cancer*):ab,ti OR (skin NEAR/5 carcin*):ab,ti OR (skin NEAR/5 tumo*):ab,ti OR (skin NEAR/5 metasta*):ab,ti OR (skin NEAR/5 malig*):ab,ti OR (skin NEAR/5 melanoma*):ab,ti OR (cutaneous NEAR/5 neoplas*):ab,ti OR (cutaneous NEAR/5 cancer*):ab,ti OR (cutaneous NEAR/5 carcin*):ab,ti OR (cutaneous NEAR/5 tumo*):ab,ti OR (cutaneous NEAR/5 metasta*):ab,ti OR (cutaneous NEAR/5 malig*):ab,ti OR (cutaneous NEAR/5 melanoma*):ab,ti
 COCHRANE DATABASE OF SYSTEMATIC REVIEWS
 MeSH-term: Melanoma

Second search

MEDLINE

exp Melanoma/
 exp Skin Neoplasms/
 ((skin or cutaneous) adj5 (neoplas\$ or cancer\$ or carcin\$ or tumo\$ or metasta\$ or malig\$ or melanoma)).mp.
 or/1-3
 recurrence/
 Neoplasms, Second Primary/
 neoplasm recurrence, local/
 (recurren* or relaps*).ti,ab.
 disease-free survival/
 DFS.mp.
 disease-free.mp.

or/5-11
 4 and 12
 randomized controlled trial.pt.
 controlled clinical trial.pt.
 randomized.ab.
 placebo.ab.
 clinical trials as topic.sh.
 randomly.ab.
 trial.ti.
 or/14-20
 exp animals/ not humans.sh.
 21 not 22
 13 and 23
 limit 24 to (yr="2002 - 2011" and (dutch or english))
 PreMedline
 ((skin or cutaneous) adj5 (neoplas\$ or cancer\$ or carcin\$ or tumo\$ or metasta\$ or malig\$ or melanoma)).mp.
 (recurren* or relaps*).ti,ab.
 DFS.mp.
 disease-free.mp.
 or/2-4
 1 and 5
 randomized.ab.
 placebo.ab.
 randomly.ab.
 trial.ti.
 or/7-10
 6 and 11
 limit 12 to (yr="2002 - 2011" and (dutch or english))
 Embase
 #9 #8 AND ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim) AND ([dutch]/lim OR [english]/lim) AND [embase]/lim AND [2002-2011]/py
 #8 #1 AND #7
 #7 #4 OR #5 OR #6
 #6 'disease free' OR dfs
 #5 'disease free survival'/exp
 #4 #2 OR #3
 #3 recurren*:ab,ti OR relaps*:ab,ti
 #2 'recurrent disease'/exp OR 'cancer recurrence'/exp OR 'tumor recurrence'/exp OR 'second cancer'/exp
 #1 (skin NEAR/5 neoplas*):ab,ti OR (skin NEAR/5 cancer*):ab,ti OR (skin NEAR/5 carcin*):ab,ti OR (skin NEAR/5 tumo*):ab,ti OR (skin NEAR/5 metasta*):ab,ti OR (skin NEAR/5 malig*):ab,ti OR (skin NEAR/5 melanoma*):ab,ti OR (cutaneous NEAR/5 neoplas*):ab,ti OR (cutaneous NEAR/5 cancer*):ab,ti OR (cutaneous NEAR/5 carcin*):ab,ti OR (cutaneous NEAR/5 tumo*):ab,ti OR (cutaneous NEAR/5 metasta*):ab,ti OR (cutaneous NEAR/5 malig*):ab,ti OR (cutaneous NEAR/5 melanoma*):ab,ti
 COCHRANE DATABASE OF SYSTEMATIC REVIEWS
 MeSH-term: Melanoma

Uitgangsvraag 13.2

Is de behandel-effectiviteit hoger naarmate de kanker eerder wordt gedetecteerd?

Zoekstrategie

Medline, PreMedline, Embase and the Cochrane Database of Systematic Reviews were searched. Searches were run on October 6th. The search strategies can be found appendix. Articles published before 2002 and not written in English or Dutch were excluded.

The Medline search yielded 1845 hits, the PreMedline search 33 hits, while the Embase search yielded 700 hits. The search in the CDSR yielded 4 Cochrane reviews.

After merging all search files into 1 file and removal of the duplicates, 2012 hits were screened on title and abstract. Of these, 1926 were excluded. The most important reasons for exclusion were:
Studies were not on (human) melanoma
Studies were not on follow-up
Studies were on non-cutaneous melanoma
Of the remaining 86 studies, the full-text was retrieved. Based on the full-text, an additional 78 studies were excluded. **Fout! Verwijzingsbron niet gevonden.** provides an overview of the reasons for exclusion.

Zoektermen

MEDLINE

exp Melanoma/

exp Skin Neoplasms/

((skin or cutaneous) adj5 (neoplas\$ or cancer\$ or carcin\$ or tumo\$ or metasta\$ or malig\$ or melanoma)).mp.

or/1-3

Follow-Up Studies/ or exp Longitudinal Studies/

aftercare.mp. or Aftercare/

((serial adj5 monitoring) or (assessing adj follow*) or follow-up or re-evaluated or (monitoring adj5 recurr*)),ti,ab.

or/5-7

recurrence/

Neoplasms, Second Primary/

neoplasm recurrence, local/

(recurren* or relaps*).ti,ab.

or/9-12

4 and 8 and 13

limit 14 to (yr="2002 - 2011" and (dutch or english))

PreMedline

((skin or cutaneous) adj5 (neoplas\$ or cancer\$ or carcin\$ or tumo\$ or metasta\$ or malig\$ or melanoma)).mp.

aftercare.mp.

((serial adj5 monitoring) or (assessing adj follow*) or follow-up or re-evaluated or (monitoring adj5 recurr*)),ti,ab.

(recurren* or relaps*).ti,ab.

2 or 3

1 and 4 and 5

Embase

#9 #8 AND ([article]/lim OR [article in press]/lim OR [review]/lim) AND ([dutch]/lim OR [english]/lim) AND [embase]/lim AND [2002-2011]/py

#8 #1 AND #4 AND #7

#7 #5 OR #6

#6 recurren*:ab,ti OR relaps*:ab,ti

#5 'recurrent disease'/exp OR 'cancer recurrence'/exp OR 'tumor recurrence'/exp OR 'second cancer'/exp

#4 #2 OR #3

#3 (serial NEAR/5 monitoring):ab,ti OR (assessing:ab,ti AND next:ab,ti AND follow*:ab,ti) OR 'follow up':ab,ti OR 're evaluated':ab,ti OR (monitoring NEAR/5 recurr*):ab,ti

#2 'follow up'/exp OR 'aftercare'/de OR 'patient monitoring'/de OR 'ambulatory monitoring'/exp

#1 (skin NEAR/5 neoplas*):ab,ti OR (skin NEAR/5 cancer*):ab,ti OR (skin NEAR/5 carcin*):ab,ti OR (skin NEAR/5 tumo*):ab,ti OR (skin NEAR/5 metasta*):ab,ti OR (skin NEAR/5 malig*):ab,ti OR (skin NEAR/5 melanoma*):ab,ti OR (cutaneous NEAR/5 neoplas*):ab,ti OR (cutaneous NEAR/5 cancer*):ab,ti OR (cutaneous NEAR/5 carcin*):ab,ti OR (cutaneous NEAR/5 tumo*):ab,ti OR (cutaneous NEAR/5 metasta*):ab,ti OR (cutaneous NEAR/5 malig*):ab,ti OR (cutaneous NEAR/5 melanoma*):ab,ti

COCHRANE DATABASE OF SYSTEMATIC REVIEWS

MeSH-term: Melanoma

