

## 1. søkestrategi

### **Søkestrategi for oppdateringssøk om synsfeltutfall etter slag**

Dato for alle søk: 27.6.2016

Søket var en oppdatering av søket som ble utført i den systematiske oversikten fra 2011 (Pollock 2011), med søk fra desember 2009.

Søket i 2009 ble utført for å finne studier for tre ulike systematiske oversikter om synsplager etter slag, og var derfor bredere enn nødvendig for spørsmål om tiltak ved synsfeltutfall.

Oppdateringssøket ble derfor gjort mer presist ved kun å avgrenses med søkeord for synsfeltproblemer (visual field, hemianopsia, scotoma osv). Søkeord ble identifisert ved hjelp av søket fra 2009, synonymer i MeSH og Emtree, samt Wikipedia og UptoDate. Ellers var søkestrategien den samme som i 2009, men med oppdatering av nye og endrede emneord.

Søketreff totalt: 826

Søketreff totalt etter dublettkontroll: 593

### **MEDLINE (Ovid)**

Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present

Søketreff: 152

1. cerebrovascular disorders/ or exp basal ganglia cerebrovascular disease/ or exp brain ischemia/ or exp carotid artery diseases/ or exp intracranial arterial diseases/ or exp intracranial arteriovenous malformations/ or exp "intracranial embolism and thrombosis"/ or exp intracranial hemorrhages/ or stroke/ or exp brain infarction/ or vasospasm, intracranial/ or vertebral artery dissection/
2. (stroke or poststroke or post-stroke or cerebrovasc\$ or brain vasc\$ or cerebral vasc\$ or cva\$ or apoplex\$ or SAH).tw.
3. ((brain\$ or cerebr\$ or cerebell\$ or intracran\$ or intracerebral) adj5 (isch?emi\$ or infarct\$ or thrombo\$ or emboli\$ or occlus\$)).tw.
4. ((brain\$ or cerebr\$ or cerebell\$ or intracerebral or intracranial or subarachnoid) adj5 (haemorrhage\$ or hemorrhage\$ or haematoma\$ or hematoma\$ or bleed\$)).tw.
5. hemiplegia/ or exp paresis/
6. (hemipleg\$ or hemipar\$ or paresis or paretic).tw.
7. 1 or 2 or 3 or 4 or 5 or 6
8. visual fields/ or exp hemianopsia/ or scotoma/
9. (visual field\* or hemiano\* or scotoma\* or field\* of view\* or quadrantano\* or scotomatous or sectoranop\* or (loss adj2 temporal crescent\*)).tw.
10. or/8-9
11. Randomized Controlled Trials as Topic/ or exp Clinical Trial/
12. random allocation/
13. Controlled Clinical Trials as Topic/
14. control groups/

15. clinical trials as topic/ or clinical trials, phase i as topic/ or clinical trials, phase ii as topic/ or clinical trials, phase iii as topic/ or clinical trials, phase iv as topic/
16. double-blind method/
17. single-blind method/
18. Placebos/
19. placebo effect/
20. cross-over studies/
21. Multicenter Studies as Topic/
22. Therapies, Investigational/
23. Drug Evaluation/
24. Research Design/
25. Program Evaluation/
26. evaluation studies as topic/
27. randomized controlled trial.pt.
28. controlled clinical trial.pt.
29. (clinical trial or clinical trial phase i or clinical trial phase ii or clinical trial phase iii or clinical trial phase iv).pt.
30. multicenter study.pt.
31. (evaluation studies or comparative study).pt.
32. random\$.tw.
33. (controlled adj5 (trial\$ or stud\$)).tw.
34. (clinical\$ adj5 trial\$).tw.
35. ((control or treatment or experiment\$ or intervention) adj5 (group\$ or subject\$ or patient\$)).tw.
36. (quasi-random\$ or quasi random\$ or pseudo-random\$ or pseudo random\$).tw.
37. ((multicenter or multicentre or therapeutic) adj5 (trial\$ or stud\$)).tw.
38. ((control or experiment\$ or conservative) adj5 (treatment or therapy or procedure or manage\$)).tw.
39. ((singl\$ or doubl\$ or tripl\$ or trebl\$) adj5 (blind\$ or mask\$)).tw.
40. (coin adj5 (flip or flipped or toss\$)).tw.
41. latin square.tw.
42. versus.tw.
43. (cross-over or cross over or crossover).tw.
44. placebo\$.tw.
45. sham.tw.
46. (assign\$ or alternate or allocat\$ or counterbalance\$ or multiple baseline).tw.
47. controls.tw.
48. (treatment\$ adj6 order).tw.
49. or/11-48
50. 7 and 10 and 49
51. (200912\* or 2010\* or 2011\* or 2012\* or 2013\* or 2014\* or 2015\* or 2016\*).ed,dp,yr,dc.

52. 50 and 51
53. exp child/ or exp infant/
54. (neonat\$ or child or children or childhood or juvenile or infant or toddler).tw.
55. exp neoplasms/
56. (cancer\$ or carcinoma\$ or tumor\$ or tumour\$ or neoplasm\$).tw.
57. case reports.pt. or case report\$.tw.
58. or/53-57
59. 52 not 58

## **EMBASE (Ovid)**

Embase 1980 to 2016 Week 26

Søketreff: 456

1. cerebrovascular disease/ or basal ganglion hemorrhage/ or cerebral artery disease/ or exp cerebrovascular accident/ or exp carotid artery disease/ or exp brain hematoma/ or exp brain hemorrhage/ or exp brain infarction/ or exp brain ischemia/ or exp cerebrovascular malformation/ or exp intracranial aneurysm/ or exp occlusive cerebrovascular disease/ or stroke unit/ or stroke patient/
2. (stroke or poststroke or post-stroke or cerebrovasc\$ or brain vasc\$ or cerebral vasc\$ or cva\$ or apoplex\$ or SAH).tw.
3. ((brain\$ or cerebr\$ or cerebell\$ or intracran\$ or intracerebral) adj5 (isch?emi\$ or infarct\$ or thrombo\$ or emboli\$ or oclus\$)).tw.
4. ((brain\$ or cerebr\$ or cerebell\$ or intracerebral or intracranial or subarachnoid) adj5 (haemorrhage\$ or hemorrhage\$ or haematoma\$ or hematoma\$ or bleed\$)).tw.
5. hemiparesis/ or hemiplegia/ or paresis/
6. (hemipleg\$ or hemipar\$ or paresis or paretic).tw.
7. 1 or 2 or 3 or 4 or 5 or 6
8. visual field/ or hemianopia/ or exp scotoma/
9. (visual field\* or hemiano\* or scotoma\* or field\* of view\* or quadrantano\* or scotomatous or sectoranop\* or (loss adj2 temporal crescent\*)).tw.
10. 8 or 9
11. Randomized Controlled Trial/
12. Randomization/
13. Controlled Study/
14. control group/
15. clinical trial/ or phase 1 clinical trial/ or phase 2 clinical trial/ or phase 3 clinical trial/ or phase 4 clinical trial/ or controlled clinical trial/
16. Crossover Procedure/
17. Double Blind Procedure/
18. Single Blind Procedure/ or triple blind procedure/
19. latin square design/

20. Parallel Design/
21. placebo/
22. Multicenter Study/
23. experimental design/ or experimental study/ or quasi experimental study/
24. experimental therapy/
25. drug comparison/ or drug dose comparison/
26. drug screening/
27. Evaluation/ or "Evaluation and Follow Up"/ or evaluation research/ or clinical evaluation/
28. Methodology/
29. random\$.tw.
30. (controlled adj5 (trial\$ or stud\$)).tw.
31. (clinical\$ adj5 trial\$).tw.
32. ((control or treatment or experiment\$ or intervention) adj5 (group\$ or subject\$ or patient\$)).tw.
33. (quasi-random\$ or quasi random\$ or pseudo-random\$ or pseudo random\$).tw.
34. ((multicenter or multicentre or therapeutic) adj5 (trial\$ or stud\$)).tw.
35. ((control or experiment\$ or conservative) adj5 (treatment or therapy or procedure or manage\$)).tw.
36. ((singl\$ or doubl\$ or tripl\$ or trebl\$) adj5 (blind\$ or mask\$)).tw.
37. (coin adj5 (flip or flipped or toss\$)).tw.
38. latin square.tw.
39. versus.tw.
40. (cross-over or cross over or crossover).tw.
41. placebo\$.tw.
42. sham.tw.
43. (assign\$ or alternate or allocat\$ or counterbalance\$ or multiple baseline).tw.
44. controls.tw.
45. (treatment\$ adj6 order).tw.
46. or/11-45
47. 7 and 10 and 46
48. (200912\* or 2010\* or 2011\* or 2012\* or 2013\* or 2014\* or 2015\* or 2016\*).dd,dp,yr.
  
49. 47 and 48
50. exp child/ or exp newborn/
51. (neonat\$ or child or children or childhood or juvenile or infant or toddler).tw.
52. exp Neoplasm/
53. (cancer\$ or carcinoma\$ or tumor\$ or tumour\$ or neoplasm\$).tw.
54. case report/ or case study/
55. 50 or 51 or 52 or 53 or 54
56. 49 not 55
57. animals/ not humans/

58. 56 not 57

### **PsycINFO (Ovid)**

PsycINFO 1806 to June Week 4 2016

Søketreff: 55

1. exp cerebrovascular disorders/ or exp hemorrhage/ or exp cerebral ischemia/
2. (stroke or poststroke or post-stroke or cerebrovasc\$ or brain vasc\$ or cerebral vasc\$ or cva\$ or apoplex\$ or SAH).tw.
3. ((brain\$ or cerebr\$ or cerebell\$ or intracran\$ or intracerebral) adj5 (isch?emi\$ or infarct\$ or thrombo\$ or emboli\$ or oclus\$)).tw.
4. ((brain\$ or cerebr\$ or cerebell\$ or intracerebral or intracranial or subarachnoid) adj5 (haemorrhage\$ or hemorrhage\$ or haematoma\$ or hematoma\$ or bleed\$)).tw.
5. hemiplegia/ or exp paresis/
6. (hemipleg\$ or hemipar\$ or paresis or paretic).tw.
7. 1 or 2 or 3 or 4 or 5 or 6
8. (visual field\* or hemiano\* or scotoma\* or field\* of view\* or quadrantano\* or scotomatous or sectoranop\* or (loss adj2 temporal crescent\*)).tw.
9. 7 and 8
10. (2009\* or 2010\* or 2011\* or 2012\* or 2013\* or 2014\* or 2015\* or 2016\*).up,yr.
11. 9 and 10
12. experimental design/ or clinical trials/
13. exp Placebo/
14. experiment controls/
15. random\$.tw.
16. (controlled adj5 (trial\$ or stud\$)).tw.
17. (clinical\$ adj5 trial\$).tw.
18. ((control or treatment or experiment\$ or intervention) adj5 (group\$ or subject\$ or patient\$)).tw.
19. (quasi-random\$ or quasi random\$ or pseudo-random\$ or pseudo random\$).tw.
20. ((multicenter or multicentre or therapeutic) adj5 (trial\$ or stud\$)).tw.
21. ((control or experiment\$ or conservative) adj5 (treatment or therapy or procedure or manage\$)).tw.
22. ((singl\$ or doubl\$ or tripl\$ or trebl\$) adj5 (blind\$ or mask\$)).tw.
23. (coin adj5 (flip or flipped or toss\$)).tw.
24. latin square.tw.
25. versus.tw.
26. (cross-over or cross over or crossover).tw.
27. placebo\$.tw.
28. sham.tw.
29. (assign\$ or alternate or allocat\$ or counterbalance\$ or multiple baseline).tw.
30. controls.tw.

31. (treatment\$ adj6 order).tw.

32. or/12-31

33. 11 and 32

### **AMED (Ovid)**

AMED 1985 to June 2016

Søketreff: 49

1. exp cerebrovascular disorders/ or exp hemorrhage/

2. (stroke or poststroke or post-stroke or cerebrovasc\$ or brain vascul\$ or cerebral vascul\$ or cva\$ or apoplex\$ or SAH).tw.

3. ((brain\$ or cerebr\$ or cerebell\$ or intracran\$ or intracerebral) adj5 (isch?emi\$ or infarct\$ or thrombo\$ or emboli\$ or oclus\$)).tw.

4. ((brain\$ or cerebr\$ or cerebell\$ or intracerebral or intracranial or subarachnoid) adj5 (haemorrhage\$ or hemorrhage\$ or haematoma\$ or hematoma\$ or bleed\$)).tw.

5. hemiplegia/ or exp paresis/

6. (hemipleg\$ or hemipar\$ or paresis or paretic).tw.

7. 1 or 2 or 3 or 4 or 5 or 6

8. (visual field\* or hemiano\* or scotoma\* or field\* of view\* or quadrantano\* or scotomatous or sectoranop\* or (loss adj2 temporal crescent\*)).tw.

9. 7 and 8

### **Cochrane CENTRAL**

Søketreff: 70

#1 MeSH descriptor: [Cerebrovascular Disorders] this term only

#2 MeSH descriptor: [Basal Ganglia Cerebrovascular Disease] explode all trees

#3 MeSH descriptor: [Brain Ischemia] explode all trees

#4 MeSH descriptor: [Carotid Artery Diseases] explode all trees

#5 MeSH descriptor: [Intracranial Arterial Diseases] explode all trees

#6 MeSH descriptor: [Intracranial Arteriovenous Malformations] explode all trees

#7 MeSH descriptor: [Intracranial Embolism and Thrombosis] explode all trees

#8 MeSH descriptor: [Intracranial Hemorrhages] explode all trees

#9 MeSH descriptor: [Stroke] explode all trees

#10 MeSH descriptor: [Brain Infarction] explode all trees

#11 MeSH descriptor: [Vasospasm, Intracranial] explode all trees

#12 MeSH descriptor: [Vertebral Artery Dissection] explode all trees

#13 stroke or poststroke or post-stroke or cerebrovasc\* or brain vascul\* or cerebral vascul\* or cva\* or apoplex\* or SAH

#14 (brain\* or cerebr\* or cerebell\* or intracran\* or intracerebral) near/5 (isch?emi\* or infarct\* or thrombo\* or emboli\* or oclus\*)

- #15 (brain\* or cerebr\* or cerebell\* or intracerebral or intracranial or subarachnoid near/5 (haemorrhage\* or hemorrhage\* or haematoma\* or hematoma\* or bleed\*))
- #16 MeSH descriptor: [Hemiplegia] explode all trees
- #17 MeSH descriptor: [Paresis] explode all trees
- #18 hemipleg\* or hemipar\* or paresis or paretic
- #19 #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
- #20 MeSH descriptor: [Visual Fields] explode all trees
- #21 MeSH descriptor: [Hemianopsia] explode all trees
- #22 MeSH descriptor: [Scotoma] explode all trees
- #23 visual field\* or hemiano\* or scotoma\* or field\* of view\* or quadrantano\* or scotomatous or sectoranop\* or (loss near/2 temporal crescent\*)
- #24 #20 or #21 or #22 or #23
- #25 #19 and #24 Publication Year from 2009 to 2016, in Trials

### **CINAHL (Ebsco)**

Søketreff: 30

- S40 S16 AND S39
- S39 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 S34 OR S35 OR S38
- S38 S36 AND S37
- S37 TI trial\* OR AB trial\*
- S36 TI ( clin\* or intervention\* or compar\* or experiment\* or preventive or therapeutic ) or AB ( clin\* or intervention\* or compar\* or experiment\* or preventive or therapeutic ) OR AB ( clin\* or intervention\* or compar\* or experiment\* or preventive or therapeutic ) or AB ( clin\* or intervention\* or compar\* or experiment\* or preventive or therapeutic )
- S35 TI ( crossover or cross-over or placebo\* or control\* or factorial or sham ) or AB ( crossover or cross-over or placebo\* or control\* or factorial or sham ) OR AB ( crossover or cross-over or placebo\* or control\* or factorial or sham ) or AB ( crossover or cross-over or placebo\* or control\* or factorial or sham )
- S34 S32 AND S33
- S33 TI ( blind\* or mask\* ) OR AB ( blind\* or mask\* )
- S32 TI ( singl\* or doubl\* or tripl\* or trebl\* ) OR AB ( singl\* or doubl\* or tripl\* or trebl\* )
- S31 TI random\* OR AB random\*
- S30 (MH "Experimental Studies+")
- S29 (MH "Randomized Controlled Trials")
- S28 (MH "Community Trials")
- S27 (MH "Placebos")
- S26 (MH "Placebo Effect")

- S25 (MH "Nonrandomized Trials")
- S24 (MH "Quasi-Experimental Studies")
- S23 (MH "Factorial Design")
- S22 (MH "Control Group")
- S21 (MH "Control (Research)+")
- S20 (MH "Clinical Trials+")
- S19 (MH "Comparative Studies")
- S18 (MH "Crossover Design")
- S17 (MH "Random Assignment") OR (MH "Random Sample")
- S16 S12 AND S15 Published Date: 20090101-20161231
- S15 S13 OR S14
- S14 TI ( visual field\* or hemiano\* or scotoma\* or field\* of view\* or quadrantano\* or scotomatous or sectoranop\* or (loss N2 temporal crescent\*) ) OR AB ( visual field\* or hemiano\* or scotoma\* or field\* of view\* or quadrantano\* or scotomatous or sectoranop\* or (loss N2 temporal crescent\*) )
- S13 (MH "Visual Fields")
- S12 S1 OR S2 OR S3 OR S6 OR S9 OR S10 OR S11
- S11 TI ( hemipleg\* or hemipar\* or paresis or paretic ) OR AB ( hemipleg\* or hemipar\* or paresis or paretic )
- S10 (MH "Hemiplegia")
- S9 S7 AND S8
- S8 TI ( haemorrhage\* or hemorrhage\* or haematoma\* or hematoma\* or bleed\* ) OR AB ( haemorrhage\* or hemorrhage\* or haematoma\* or hematoma\* or bleed\* )
- S7 TI ( brain\* or cerebr\* or cerebell\* or intracerebral or intracranial or subarachmoid ) OR AB ( brain\* or cerebr\* or cerebell\* or intracerebral or intracranial or subarachmoid )
- S6 S4 AND S5
- S5 TI ( ischemi\* or ischaemi\* or infarct\* or thrombo\* or emboli\* or occlus\* ) OR AB ( ischemi\* or ischaemi\* or infarct\* or thrombo\* or emboli\* or occlus\* )
- S4 TI ( brain\* or cerebr\* or cerebell\* or intracran\* or intracerebral ) OR AB ( brain\* or cerebr\* or cerebell\* or intracran\* or intracerebral )
- S3 TI ( stroke or poststroke or post-stroke or cerebrovasc\* or brain vas\* ) OR AB ( stroke or poststroke or post-stroke or cerebrovasc\* or brain vas\* )
- S2 (MH "Stroke Patients") OR (MH "Stroke Units")
- S1 (MH "Cerebrovascular Disorders+")

## **PsycBite**

[www.psycbite.com](http://www.psycbite.com)

Søketreff: 14

Søk 1

Search results for Keyword(s): "visual field" :: Neurological group: Stroke / CVA (Cerebrovascular Accidents) :: Method: Group Studies :: 9 matching items found

#### Søk 2

Search results for Keyword(s): hemiano\* :: Neurological group: Stroke / CVA (Cerebrovascular Accidents) :: Method: Group Studies :: 5 matching items found

#### Søk 3

Search results for Keyword(s): scotoma\* :: Neurological group: Stroke / CVA (Cerebrovascular Accidents) :: Method: Group Studies :: 1 matching items found

### **Studieregistre**

Søketreff totalt uten dubletter: 41

### **ClinicalTrials.gov**

#### Søk 1

Advanced search

Search terms: stroke AND visual field

Study type: Interventional Studies

Hits: 30

#### Søk 2

Advanced search

Search terms: stroke AND hemianopsia

Study type: Interventional Studies

Hits: 30

#### Søk 3

Advanced search

Search terms: stroke AND hemianopia

Study type: Interventional Studies

Hits: 7

### **WHO International Clinical Trials Registry Platform**

#### Søk 1

Basic search

Visual field AND stroke

Hits: 11

Søk 2

Basic search

stroke AND hemianopsia

Hits: 8

Søk 3

Basic search

stroke AND hemianopia

Hits: 10