

*Appendiks til Kjetil G. Brurberg, Kristin Thuve Dahm, Ingvild Kirkehei. Manipulasjonsteknikker ved nakkeasymmetri hos spedbarn. Tidsskr Nor Legeforen 2018; 138. doi: 10.4045/tidsskr.17.1031. Dette appendikset er et tillegg til artikkelen og er ikke bearbeidet redaksjonelt.*

## **Vedlegg 1** Litteratursøk

Søkestrategi for søk utført i august 2017. Dette søket er en oppdatering av tidligere søk utført i henholdsvis 2009 og 2015.

Søketreff totalt: 1434

Søketreff etter dublettkontroll: 637

Søkedato: 9.8.2017

### **Embase (Ovid)**

Embase 1980 to 2017 Week 32

Søketreff: 495

1. kinetic imbalance due to suboccipital strain.tw.
2. (kiss and (syndrome\* or diagnos\*)).tw. or kiss.ti.
3. \*Torticollis/
4. torticolli\*.tw.
5. (contracted neck or neck torsion).tw.
6. \*Plagiocephaly/
7. Plagiocephal\*.tw.
8. \*Scoliosis/
9. scolios\*.tw.
10. ((postur\* or positional\*) adj (asymmetr\* or preferenc\*)).tw.
11. (wry neck or wryneck).tw.
12. (upper cervical adj2 dysfunction\*).tw.
13. \*Head Twitch/
14. (molded baby syndrome or siebener syndrome\*).tw.
15. ((head adj (twitch\* or turn\*)) or twisted neck).tw.
16. spinal curvature\*.tw.
17. neck curvatur\*.tw.
18. trachelocyllos\*.tw.
19. (caput obstipum or caput distortum).tw.
20. ((neck or trunc\* or spinal\*) adj2 curvatur\*).tw.
21. ((asymmetr\* or curved) adj2 (neck\* or spine\* or spinal or trunc\*)).tw.
22. (atlanto-occipital joint\* or atlantoaxial joint\*).tw.
23. flattened head syndrome\*.tw.
24. or/1-23
25. (child\* or baby or babies or infan\* or newborn\* or new\* born\* or toddler\* or pediatric\* or prematur\* or neonatal\* or perinatal\*).tw.
26. child care/
27. exp Child/ or exp Infant/ or exp Newborn/
28. or/25-27
29. 24 and 28
30. exp \*physical medicine/
31. \*rehabilitation/
32. exp \*muscle relaxation/
33. \*relaxation training/ or exp \*Traction Therapy/

34. (physical therap\* or manual therap\* or manual treatment\* or manual medicin\* or manualmedi\* or physiotherap\* or massage\* or mobiliz\* or mobilis\* or manipul\* or osteopath\* or stretch\* or chiropract\* or myotherap\* or myofunction\* or kinesiolog\* or kinesiotherap\* or adjustment\* or reflexolog\* or zone therap\* or acupressur\* or rolfing\* or rehabilitat\* or habilitat\* or traction\* or relax\* or training or exercise or positioning or ((muscle\* or spinal or relief\* or relief\* or movement or motion or tension or strain) adj3 (therap\* or intervention\* or treatment\*)) or physical medicine or atlas therap\* or atlasterap\* or naprapath\* or occilation).tw.
35. or/30-34
36. 29 and 35
37. animal/ not Human/
38. 36 not 37
39. (2015\* or 2016\* or 2017\*).dd,yr.
40. 38 and 39

### **MEDLINE (Ovid)**

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

Søketreff: 280

1. kine\* imbalance due to suboccipital strain.tw.
2. (kiss and (syndrome\* or diagnos\*)).tw. or kiss.ti.
3. Torticollis/
4. torticolli\*.tw.
5. (contracted neck or neck torsion).tw.
6. Plagiocephaly, Nonsynostotic/
7. plagiocephal\*.tw.
8. Scoliosis/
9. scolios\*.tw.
10. ((postur\* or positional\*) adj (asymmetr\* or preferenc\*)).tw.
11. (wry neck\* or wryneck\*).tw.
12. (upper cervical adj2 dysfunction\*).tw.
13. siebener syndrome\*.tw.
14. molded baby syndrome.tw.
15. ((head adj (twitch\* or turn\*)) or twisted neck).tw.
16. trachelocyllos\*.tw.
17. (caput obstipum or caput distortum).tw.
18. ((neck or trunc\* or spinal\*) adj2 curvatur\*).tw.
19. ((asymmetr\* or curved) adj2 (neck\* or spine\* or spinal\* or trunc\*)).tw.
20. (atlanto-occipital joint\* or atlantoaxial joint\*).tw.
21. flattened head syndrome\*.tw.
22. or/1-21
23. child/ or exp Infant/
24. (child\* or baby or babies or infan\* or newborn\* or new\* born\* or toddler\* or pediatric\* or prematur\* or neonatal\* or perinatal\*).tw.
25. exp Child Care/
26. or/23-25
27. 22 and 26
28. exp Physical Therapy Modalities/
29. exp Rehabilitation/
30. Chiropractic/
31. exp Musculoskeletal Manipulations/
32. exp Relaxation/ or Muscle Relaxation/ or mind-body therapies/ or relaxation therapy/ or traction/

33. (physical therap\* or manual therap\* or manual treatment\* or manual medicin\* or manualmedi\* or physiotherap\* or massage\* or mobiliz\* or mobilis\* or manipul\* or osteopath\* or stretch\* or chiropract\* or myotherap\* or myofunction\* or kinesiolog\* or kinesiotherap\* or adjustment\* or reflexolog\* or zone therap\* or acupressur\* or rolfing\* or rehabilitat\* or habilitat\* or traction\* or relax\* or training or exercise or ((muscle\* or spinal or relief\* or reliev\* or movement or motion or tension or strain) adj3 (therap\* or intervention\* or treatment\*)) or physical medicine or atlas therap\* or atlasterap\* or naprapath\* or occilation or positioning).tw.

34. or/28-33

35. 27 and 34

36. Animals/ not Humans/

37. 35 not 36

38. (2015\* or 2016\* or 2017\*).ed,yr,dt.

39. 37 and 38

### **AMED (Ovid)**

AMED (Allied and Complementary Medicine) 1985 to July 2017

Søketreff: 231

1. kiss.tw.

2. imbalance due to suboccipital strain.tw.

3. torticollis/

4. exp spinal curvatures/

5. torticolli\*.tw.

6. (contracted neck or neck torsion).tw.

7. plagiocephal\*.tw.

8. scolios\*.tw.

9. ((postur\* or positional\*) adj (asymmetr\* or preferenc\*)).tw.

10. (wry neck\* or wryneck\*).tw.

11. (upper cervical adj2 dysfunction\*).tw.

12. siebener syndrome\*.tw.

13. molded baby syndrome.tw.

14. ((head adj2 (twitch\* or turn\*)) or twisted neck).tw.

15. trachelocyllos\*.tw.

16. (caput obstipum or caput distortum).tw.

17. ((neck or trunc\* or spinal\*) adj2 curvatur\*).tw.

18. ((asymmetr\* or curved) adj2 (neck\* or spine\* or spinal or trunc\*)).tw.

19. (atlanto-occipital joint\* or atlantoaxial joint\*).tw.

20. flattened head syndrome\*.tw.

21. or/1-20

22. exp child/ or exp infant/

23. (child\* or baby or babies or infan\* or newborn\* or new\* born\* or toddler\* or pediatric\* or prematur\* or neonatal\* or perinatal\*).tw.

24. or/22-23

25. 21 and 24

### **Cochrane Library**

Søketreff

- Cochrane Database of Systematic Reviews: 2
- Database of Abstracts of Reviews of Effects (DARE): 12
- Health Technology Assessment (HTA) Database: 4
- CENTRAL: 176

- #1 (kine\*-imbalance- due-to-suboccipital-strain or (kiss and (syndrome\* or diagnos\*)) or kiss or torticolli\* or contracted-neck or neck-torsion or plagiocephal\* or scolios\* or ((postur\* or positional\*) near/3 (asymmetr\* or preferenc\*)) or wry-neck\* or wryneck\* or (upper-cervical near/2 dysfunction\*) or siebener-syndrome\* or molded-baby-syndrome or (head next (twitch\* or turn\*)) or twisted-neck or trachelocyllos\* or (caput-obstipum or caput-distortum) or ((neck or trunc\* or spinal\*) near/2 curvatur\*) or ((asymmetr\* or curved) near/2 (neck\* or spine\* or spinal\* or trunc\*)) or atlanto-occipital-joint\* or atlantoaxial-joint\* or flattened-head-syndrome\*):ti,ab,kw Online Publication Date from Jan 2015 to Aug 2017, in Cochrane Reviews (Reviews and Protocols)
- #2 kine\*-imbalance- due-to-suboccipital-strain or (kiss and (syndrome\* or diagnos\*)) or kiss or torticolli\* or contracted-neck or neck-torsion or plagiocephal\* or scolios\* or ((postur\* or positional\*) near/3 (asymmetr\* or preferenc\*)) or wry-neck\* or wryneck\* or (upper-cervical near/2 dysfunction\*) or siebener-syndrome\* or molded-baby-syndrome or (head next (twitch\* or turn\*)) or twisted-neck or trachelocyllos\* or (caput-obstipum or caput-distortum) or ((neck or trunc\* or spinal\*) near/2 curvatur\*) or ((asymmetr\* or curved) near/2 (neck\* or spine\* or spinal\* or trunc\*)) or atlanto-occipital-joint\* or atlantoaxial-joint\* or flattened-head-syndrome\* in Other Reviews, Trials and Technology Assessments
- #3 MeSH descriptor: [Torticollis] explode all trees
- #4 MeSH descriptor: [Plagiocephaly, Nonsynostotic] explode all trees
- #5 MeSH descriptor: [Scoliosis] explode all trees
- #6 #1 or #2 or #3 or #4 or #5
- #7 (child\* or baby or babies or infan\* or newborn\* or new\*-born\* or toddler\* or pediatric\* or prematur\* or neonatal\* or perinatal\*):ti,ab,kw in Cochrane Reviews (Reviews and Protocols)
- #8 child\* or baby or babies or infan\* or newborn\* or new\*-born\* or toddler\* or pediatric\* or prematur\* or neonatal\* or perinatal\* in Other Reviews, Trials and Technology Assessments
- #9 MeSH descriptor: [Child] this term only
- #10 MeSH descriptor: [Infant] explode all trees
- #11 MeSH descriptor: [Child Care] explode all trees
- #12 #7 or #8 or #9 or #10 or #11
- #13 (physical-therap\* or manual-therap\* or manual-treatment\* or manual-medicin\* or manualmedi\* or physiotherap\* or massage\* or mobiliz\* or mobilis\* or manipul\* or osteopath\* or stretch\* or chiropract\* or myotherap\* or myofunction\* or kinesiolog\* or kinesiotherap\* or adjustment\* or reflexolog\* or zone-therap\* or acupressur\* or rolfing\* or rehabilitat\* or habilitat\* or traction\* or relax\* or training or exercise or ((muscle\* or spinal or relief\* or reliev\* or movement or motion or tension or strain) near/3 (therap\* or intervention\* or treatment\*)) or physical-medicine or atlas-therap\* or atlastherap\* or naprapath\* or occilation or positioning):ti,ab,kw in Cochrane Reviews (Reviews and Protocols)
- #14 physical-therap\* or manual-therap\* or manual-treatment\* or manual-medicin\* or manualmedi\* or physiotherap\* or massage\* or mobiliz\* or mobilis\* or manipul\* or osteopath\* or stretch\* or chiropract\* or myotherap\* or myofunction\* or kinesiolog\* or kinesiotherap\* or adjustment\* or reflexolog\* or zone-therap\* or acupressur\* or rolfing\* or rehabilitat\* or habilitat\* or traction\* or relax\* or training or exercise or ((muscle\* or spinal or relief\* or reliev\* or movement or motion or tension or strain) near/3 (therap\* or intervention\* or treatment\*)) or physical-medicine or atlas-therap\* or atlastherap\* or naprapath\* or occilation or positioning in Other Reviews, Trials and Technology Assessments
- #15 MeSH descriptor: [Physical Therapy Modalities] explode all trees
- #16 MeSH descriptor: [Rehabilitation] explode all trees
- #17 MeSH descriptor: [Chiropractic] explode all trees

- #18 MeSH descriptor: [Musculoskeletal Manipulations] explode all trees
- #19 MeSH descriptor: [Relaxation] explode all trees
- #20 MeSH descriptor: [Muscle Relaxation] explode all trees
- #21 MeSH descriptor: [Mind-Body Therapies] explode all trees
- #22 MeSH descriptor: [Relaxation Therapy] explode all trees
- #23 MeSH descriptor: [Traction] explode all trees
- #24 #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23
- #25 #6 and #12 and #24 Online Publication Date from Jan 2015 to Jan 2017, in Cochrane Reviews (Reviews and Protocols)
- #26 #6 and #12 and #24 in Other Reviews, Trials and Technology Assessments
- #27 #25 or #26

## **Cinahl (Ebsco)**

Søketreff: 155

- S17 S5 AND S8 AND S16 Exclude MEDLINE records
- S16 S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15
- S15 (MH "Traction")
- S14 (MH "Manual Therapy")
- S13 (MH "Mind Body Techniques")
- S12 (MH "Relaxation") OR (MH "Relaxation Techniques") OR (MH "Muscle Relaxation")
- S11 (MH "Chiropractic")
- S10 (MH "Rehabilitation+") OR (MH "Physical Therapy+")
- S9 TI (physical therap\* or manual therap\* or manual treatment\* or manual medicin\* or manualmedi\* or physiotherap\* or massage\* or mobiliz\* or mobilis\* or manipul\* or osteopath\* or stretch\* or chiropract\* or myotherap\* or myofunction\* or kinesiolog\* or kinesiotherap\* or adjustment\* or reflexolog\* or zone therap\* or acupressur\* or rolfing\* or rehabilitat\* or habilitat\* or traction\* or relax\* or training or exercise or ((muscle\* or spinal or relief\* or reliev\* or movement or motion or tension or strain) N3 (therap\* or intervention\* or treatment\*)) or physical medicine or atlas therap\* or atlastherap\* or naprapath\* or occilation or positioning ) OR AB ( physical therap\* or manual therap\* or manual treatment\* or manual medicin\* or manualmedi\* or physiotherap\* or massage\* or mobiliz\* or mobilis\* or manipul\* or osteopath\* or stretch\* or chiropract\* or myotherap\* or myofunction\* or kinesiolog\* or kinesiotherap\* or adjustment\* or reflexolog\* or zone therap\* or acupressur\* or rolfing\* or rehabilitat\* or habilitat\* or traction\* or relax\* or training or exercise or ((muscle\* or spinal or relief\* or reliev\* or movement or motion or tension or strain) N3 (therap\* or intervention\* or treatment\*)) or physical medicine or atlas therap\* or atlastherap\* or naprapath\* or occilation or positioning )
- S8 S6 OR S7
- S7 (MH "Child")
- S6 TI ( child\* or baby or babies or infan\* or newborn\* or new\* born\* or toddler\* or pediatric\* or prematur\* or neonatal\* or perinatal\* ) OR AB ( child\* or baby or babies or infan\* or newborn\* or new\* born\* or toddler\* or pediatric\* or prematur\* or neonatal\* or perinatal\* )
- S5 S1 OR S2 OR S3 OR S4
- S4 (MH "Scoliosis")
- S3 (MH "Deformational Plagiocephaly")
- S2 (MH "Torticollis")
- S1 TI ( kine\* imbalance due to suboccipital strain or (kiss and (syndrome\* or diagnos\*)) or kiss or torticolli\* or contracted neck or neck torsion or plagiocephal\* or scolios\* or ((postur\* or positional\*) N3 (asymmetr\* or preferenc\*)) or wry neck\* or wryneck\* or (upper cervical N2 dysfunction\*) or siebener syndrome\* or molded baby syndrome or

(head N1 (twitch\* or turn\*)) or twisted neck or trachelocyllos\* or (caput obstipum or caput distortum) or ((neck or trunc\* or spinal\*) N2 curvatur\*) or ((asymmetr\* or curved) N2 (neck\* or spine\* or spinal\* or trunc\*)) or atlanto occipital joint\* or atlantoaxial joint\* or flattened head syndrome\* ) OR AB ( kine\* imbalance due to suboccipital strain or (kiss and (syndrome\* or diagnos\*)) or kiss or torticolli\* or contracted neck or neck torsion or plagiocephal\* or scolios\* or ((postur\* or positional\*) N3 (asymmetr\* or preferenc\*)) or wry neck\* or wryneck\* or (upper cervical N2 dysfunction\*) or siebener syndrome\* or molded baby syndrome or (head N1 (twitch\* or turn\*)) or twisted neck or trachelocyllos\* or (caput obstipum or caput distortum) or ((neck or trunc\* or spinal\*) N2 curvatur\*) or ((asymmetr\* or curved) N2 (neck\* or spine\* or spinal\* or trunc\*)) or atlanto occipital joint\* or atlantoaxial joint\* or flattened head syndrome\* )

## **Index to Chiropractic Literature (ICL)**

Søketreff: 44

Søk 1, advanced search:

Subject:\ "Torticollis\ " OR \ "Deformational Plagiocephaly / Infant\ " OR \ "Plagiocephaly, Nonsynostotic\ " OR \ "Scoliosis\ " OR AND Subject:\ "Infant\ " OR \ "Infant, Newborn\ " OR \ "Child\ "

Søk 2, advanced search:

All fields: kiss OR suboccipital OR scolios\* OR torticoll\* OR plagiocephal\* OR asymmetr\* AND

All fields: child\* OR infan\*

Avgrenset til publikasjonsår f.o.m. 2014.

## **PEDro**

Søketreff: 35, fordelt på 6 ulike søk

Advanced search. New records added since 01/01/2015

Abstract & Title: kiss

Therapy: Strecthing, mobilisation, manipulation, massage

Abstract & Title: suboccipital Therapy. Strecthing, mobilisation, manipulation, massage

Therapy: Strecthing, mobilisation, manipulation, massage

Abstract & Title: scolios\*

Therapy: Strecthing, mobilisation, manipulation, massage

Abstract & Title: torticoll\*

Therapy: Strecthing, mobilisation, manipulation, massage

Abstract & Title: plagiocephal\*

Therapy: Strecthing, mobilisation, manipulation, massage

Abstract & Title: asymmetr\*

Therapy: Strecthing, mobilisation, manipulation, massage