

Søk skal dokumenteres på en slik måte at de kan reproduseres nøyaktig slik de ble gjennomført. Dato for søk skal alltid oppgis. Antall treff oppgis der det er relevant. Trefflister og lenker til treff skal ikke legges i dette skjemaet, men kan legges i eget resultatskjema eller direkte i e-post til prosedyremaker.

|                                              |                                                                                                                                                                                      |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prosedyrens tittel eller arbeidstitel        | Avansert craniofacial kirurgi på barn 0-18 år<br>-stell av distraksjonsramme<br>-pre- og postoperative forberedelser<br>-pasientinformasjon, tverrfaglig oppfølging                  |
| Spørsmål fra PICO-skjema                     | <b>Hvilke (sykepleie) intervensjoner bør tilstrebes for å sikre optimal pleie og omsorg i forbindelse med pre- og postoperativ sykepleie ved avansert craniofacial kirurgi?</b>      |
| Kontaktdetaljer prosedyremakere              | Silje Helen Krabbe<br>Fag- og forskningssykepleier<br>Kirurgisk avdeling for barn<br>Klinikk for hode, hals og rekonstruktiv kirurgi<br>Tlf. 23070195/40607215                       |
| Bibliotekar som utførte eller veiledet søket | Navn: Hilde Iren Flaatten<br>Arbeidssted: Universitetsbiblioteket. Medisinsk bibliotek, Rikshospitalet<br>E-post: <a href="mailto:h.i.flaatten@ub.uio.no">h.i.flaatten@ub.uio.no</a> |

Obligatoriske kilder er merket (obligatorisk). Slett bokser for kilder det ikke er søkt i, og legg eventuelt til nye bokser for kilder som er søkt i tillegg. Nederst i skjemaet er en tom boks som kan kopieres og limes inn andre steder.

## Retningslinjer og kliniske oppslagsverk

|                                  |                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Database/kilde                   | <a href="#">Prosedyrer i Nasjonalt nettverk for fagprosedyrer</a> (obligatorisk)                                                                                         |
| Dato for søk                     | 31.mai.2018                                                                                                                                                              |
| Søkehistorie eller fremgangsmåte | <a href="#">Psykososial preoperativ forberedelse av barn 0 - 18 år</a><br><a href="#">Kraniotomi - Postoperativ hårvask hos pasienter som har gjennomgått kraniotomi</a> |
| Kommentarer                      | Generelt om preoperativ forberedelse når det gjelder barn<br>Prosedyren om kraniotomi er under arbeid                                                                    |

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|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Database/kilde                   | <a href="#">Nasjonale faglige retningslinjer, veiledere, prioriteringsveiledere og pakkeforløp fra Helsedirektoratet</a>                                                                                                                                                                                                                      |
| Dato for søk:                    | 31.mai.2018                                                                                                                                                                                                                                                                                                                                   |
| Søkehistorie eller fremgangsmåte | Sett gjennom liste                                                                                                                                                                                                                                                                                                                            |
| Kommentarer                      | <b>Barnekirurgi Prioriteringsveileder – barnekirurgi</b> (Sist oppdatert: 21.06.2016 )<br><a href="https://helsedirektoratet.no/Retningslinjer/Barnekirurgi.pdf">https://helsedirektoratet.no/Retningslinjer/Barnekirurgi.pdf</a><br><br><b>Prioriteringsveileder – oral- og maxillofacial kirurgi Rekonstruktiv kjeve- og ansiktskirurgi</b> |

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|  | (Sist oppdatert: 01.11.2016)<br><a href="https://helsedirektoratet.no/Retningslinjer/Oral-%20og%20maxillofacial%20kirurgi.pdf">https://helsedirektoratet.no/Retningslinjer/Oral-%20og%20maxillofacial%20kirurgi.pdf</a> |
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| Database/kilde                   | <a href="#">UpToDate</a> (obligatorisk)                                                                                                                                                                                                                                                                                                                                                                                               |
| Dato for søk                     | 31.05.2018                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Søkehistorie eller fremgangsmåte | Craniosynostosis, osteogenesis distraction                                                                                                                                                                                                                                                                                                                                                                                            |
| Kommentarer                      | <p><b>Overview of craniosynostosis</b><br/><a href="http://www.uptodate.com/contents/2910">http://www.uptodate.com/contents/2910</a></p> <p><b>Craniosynostosis syndromes</b><br/><a href="http://www.uptodate.com/contents/2942">http://www.uptodate.com/contents/2942</a></p> <p><b>Syndromes with craniofacial abnormalities</b><br/><a href="http://www.uptodate.com/contents/2926">http://www.uptodate.com/contents/2926</a></p> |

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| Database/kilde                   | <a href="#">BMJ Best Practice</a>                         |
| Dato for søk                     | 07.06.2018                                                |
| Søkehistorie eller fremgangsmåte | osteogenesis distraction craniofacial<br>craniosynostosis |
| Kommentarer                      | Ingen relevante treff. (Treff på leppe gane spalte)       |

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| Database/kilde                   | <a href="#">National Guideline Clearinghouse</a> (obligatorisk)                       |
| Dato for søk                     | 31.mai 2018                                                                           |
| Søkehistorie eller fremgangsmåte | (craniosynostosis OR craniosynostoses OR osteogenesis OR craniofacial OR distraction) |
| Antall treff                     | 48                                                                                    |
| Kommentarer                      | Ingen relevante                                                                       |

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| Database/kilde                   | <a href="#">NICE Guidance</a>                                         |
| Dato for søk                     | 31.mai.2018                                                           |
| Søkehistorie eller fremgangsmåte | (osteogenesis OR craniosynostosis OR craniosynostoses OR distraction) |
| Antall treff                     | 33                                                                    |
| Kommentar                        | Ingen relevante                                                       |

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| Database/kilde                   | <a href="#">Helsebibliotekets retningslinjebase</a> |
| Dato for søk                     | 07.06.2018                                          |
| Søkehistorie eller fremgangsmåte | Sett under Barn o gunge / muskel-og skjelett        |
| Kommentarer                      | Ingen relevante                                     |

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| Database/kilde                   | <a href="#">Nursing Reference Center</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Dato for søk                     | 04.06.2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Søkehistorie eller fremgangsmåte | TX osteogenes* OR TX craniosynostos*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Antall treff                     | Quick Lessons (26) Skills (6) Evidence Based Care Sheets (2) Patient Handouts (2)                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Treff og kommentar               | <p>Mange treff om ulike syndromer. Antar Intraosseous Device: EZ-IO Intraosseous Infusion System ikke er relevant</p> <p>Utvalgte:</p> <p>Caple CRBM. <b>Subarachnoid Bolt/Screw and Fiberoptic Catheter: an Overview</b>. Ipswich, Massachusetts: EBSCO Publishing; 2016.<br/> <a href="https://bit.ly/2JrzXk8">https://bit.ly/2JrzXk8</a></p> <p>March PP, Parks-Chapman JRB. <b>Craniosynostosis</b>. Ipswich, Massachusetts: EBSCO Publishing; 2017.<br/> <a href="https://bit.ly/2JwU14q">https://bit.ly/2JwU14q</a></p> |

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| Database/kilde                   | <a href="#">Socialstyrelsen, Nationella riktlinjer</a> |
| Dato for søk                     | 07.06.2018                                             |
| Søkehistorie eller fremgangsmåte | Sett gjennom liste                                     |
| Kommentarer                      | Ingen relevante                                        |

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| Database/kilde                   | <a href="#">Sundhedsstyrelsen, Nationale kliniske retningslinjer</a> |
| Dato for søk                     | 07.06.2018                                                           |
| Søkehistorie eller fremgangsmåte | Sett gjennom liste                                                   |
| Kommentarer                      | Ingen relevante                                                      |

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| Database/kilde | <a href="#">Center for kliniske retningslinjer</a> |
| Dato for søk   | 07.06.2018                                         |

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| Søkehistorie eller fremgangsmåte | Sett gjennom liste |
| Kommentarer                      | Ingen relevante    |

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| Database/kilde                   | Retningslinjesøk <a href="#">PubMed</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Dato for søk                     | 31.mai.2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Søkehistorie eller fremgangsmåte | <p>(((((cranosynostoses OR cranosynostosis OR craniofacial OR cranial OR cranium OR skull OR maxillofacial OR midfacial OR midface OR facial OR hypertelorism OR synostosis OR synostoses OR osteogenesis))) AND (surgery[Title] OR surgical[Title] OR distraction[Title] OR fixation[Title] OR fixate[Title] OR fixator[Title] OR correction[Title] OR reconstruction[Title]))) OR (((cranosynostoses[Title] OR cranosynostosis[Title] OR craniofacial[Title] OR cranial[Title] OR cranium[Title] OR skull[Title] OR maxillofacial[Title] OR midfacial[Title] OR midface[Title] OR facial[Title] OR hypertelorism[Title] OR synostosis[Title] OR synostoses[Title] OR osteogenesis[Title])) AND (surgery OR surgical OR distraction OR fixation OR fixate OR fixator OR correction OR reconstruction)))) AND ((guideline[Title] OR guidelines[Title]))</p> <p>Filters: published in the last 5 years; English</p> <p>(cranosynostosis OR cranosynostoses OR osteogenesis distraction) AND (guideline[title] OR guidelines[title]) Filters: published in the last 5 years; English</p> |
| Antall treff                     | 60, 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Treff                            | <p>Mulig relevante:</p> <p>Mathijssen IM. <b>Importance of a Guideline on Craniosynostosis for Patients and Parents, Caregivers, Insurance Companies, and Government.</b> J Craniofac Surg. 2015;26(6):1733-4. <a href="https://insights.ovid.com/pubmed?pmid=26335329">https://insights.ovid.com/pubmed?pmid=26335329</a></p> <p>Mathijssen IM. <b>Guideline for Care of Patients With the Diagnoses of Craniosynostosis: Working Group on Craniosynostosis.</b> J Craniofac Surg. 2015;26(6):1735-807. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4568904/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4568904/</a></p> <p>Lee JS, FitzGibbon EJ, Chen YR, Kim HJ, Lustig LR, Akintoye SO, et al. <b>Clinical guidelines for the management of craniofacial fibrous dysplasia.</b> Orphanet J Rare Dis. 2012;7 Suppl 1:S2. <a href="https://www.ncbi.nlm.nih.gov/pubmed/22640797">https://www.ncbi.nlm.nih.gov/pubmed/22640797</a></p>                                                                                                                                  |

## Systematiske oversikter

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|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Database/kilde | <a href="#">The Cochrane Library</a>                                                                                                                                                                 |
|                | Obligatorisk: Systematiske oversikter (Cochrane Reviews, Other Reviews) og metodevurderinger (Technology Assessments)                                                                                |
| Dato for søk   | 1.juni 2018                                                                                                                                                                                          |
| Søkehistorie   | <p>#1 MeSH descriptor: [Osteogenesis, Distraction] this term only</p> <p>#2 osteogenesis distraction:ti,ab,kw</p> <p>#3 #1 or #2</p> <p>#4 MeSH descriptor: [Craniosynostoses] explode all trees</p> |

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|                      | #5      cranosynostosis or cranosynostoses or craniofacial synostosis*:ti,ab,kw<br>#6      #4 or #5<br>#7      #3 or #6 Publication Year from 2013 to 2018, in Cochrane Reviews (Reviews only),<br>Other Reviews and Technology Assessments                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Antall treff         | Lenke til søket: <a href="https://bit.ly/2LO17zO">https://bit.ly/2LO17zO</a><br><br>Cochrane Reviews: 2<br>Other Reviews: 7<br>Technology Assessments: 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Kommentarer og treff | Flest artikler som omhandler ulike typer av inngrep<br><br>Song G, Yang P, Zhu S, Luo E, Feng G, Hu J, et al. <b>Tranexamic Acid reducing blood transfusion in children undergoing cranosynostosis surgery.</b> J Craniofac Surg. 2013;24(1):299-303.<br><a href="https://www.ncbi.nlm.nih.gov/pubmed/?term=23348305">https://www.ncbi.nlm.nih.gov/pubmed/?term=23348305</a><br><br>Taylor BA, Brace M, Hong P. <b>Upper airway outcomes following midface distraction osteogenesis: a systematic review.</b> J Plast Reconstr Aesthet Surg. 2014;67(7):891-9.<br><a href="https://www.ncbi.nlm.nih.gov/pubmed/?term=24631233">https://www.ncbi.nlm.nih.gov/pubmed/?term=24631233</a> |

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| Database/kilde                   | <a href="#">Folkehelseinstituttet - rapporter og trykksaker</a>    |
| Dato for søk                     | 04.06.2018                                                         |
| Søkehistorie eller fremgangsmåte | Skalle, hode, ansikt, distraksjonsramme, osteogenesis, distraction |
| Kommentarer                      | Ingen relevante treff                                              |

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| Database/kilde       | <a href="#">PubMed – systematiske oversikter</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Dato for søk         | 04.06.2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Søkehistorie         | ("Craniosynostoses"[Mesh] OR "Craniosynostosis, sagittal, with Dandy-Walker malformation and hydrocephalus" [Supplementary Concept] OR cranosynostosis OR cranosynostoses) AND (distraction OR distractions OR osteogenesis)<br>Filtre: review siste 5 år                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Antall treff         | 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Kommentarer og treff | Usikkert om relevante, mye om kirurgiske teknikker og metoder<br><br>Al-Namnam NMN, Hariri F, Rahman ZAA. <b>Distraction osteogenesis in the surgical management of syndromic cranosynostosis: a comprehensive review of published papers.</b> Br J Oral Maxillofac Surg. 2018.<br><a href="https://www.ncbi.nlm.nih.gov/pubmed/29661509">https://www.ncbi.nlm.nih.gov/pubmed/29661509</a><br><br>Simpson A, Wong AL, Bezuhly M. <b>Surgical Correction of Nonsyndromic Sagittal Craniosynostosis: Concepts and Controversies.</b> Ann Plast Surg. 2017;78(1):103-10.<br><a href="https://www.ncbi.nlm.nih.gov/pubmed/26808733">https://www.ncbi.nlm.nih.gov/pubmed/26808733</a><br><br>Wang JC, Nagy L, Demke JC. <b>Syndromic Craniosynostosis.</b> Facial Plast Surg Clin North Am. 2016;24(4):531-43. |

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|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/27712819">https://www.ncbi.nlm.nih.gov/pubmed/27712819</a></p> <p>Morris LM. <b>Nonsyndromic Craniosynostosis and Deformational Head Shape Disorders.</b> Facial Plast Surg Clin North Am. 2016;24(4):517-30.<br/> <a href="https://www.ncbi.nlm.nih.gov/pubmed/27712819">https://www.ncbi.nlm.nih.gov/pubmed/27712819</a></p> <p>Gomi A, Sunaga A, Kamochi H, Oguma H, Sugawara Y. <b>Distraction Osteogenesis Update: Introduction of Multidirectional Cranial Distraction Osteogenesis.</b> J Korean Neurosurg Soc. 2016;59(3):233-41.<br/> <a href="https://www.ncbi.nlm.nih.gov/pubmed/27226854">https://www.ncbi.nlm.nih.gov/pubmed/27226854</a></p> <p>Mundinger GS, Rehim SA, Johnson O, 3rd, Zhou J, Tong A, Wallner C, et al. <b>Distraction Osteogenesis for Surgical Treatment of Craniosynostosis: A Systematic Review.</b> Plast Reconstr Surg. 2016;138(3):657-69.<br/> <a href="https://www.ncbi.nlm.nih.gov/pubmed/27127836">https://www.ncbi.nlm.nih.gov/pubmed/27127836</a></p> <p>Noordzij N, Brouwer R, van der Horst C. <b>Incomplete Reossification After Craniosynostosis Surgery.</b> J Craniofac Surg. 2016;27(1):e105-8.<br/> <a href="https://www.ncbi.nlm.nih.gov/pubmed/26745196">https://www.ncbi.nlm.nih.gov/pubmed/26745196</a></p> <p>Tan HL, Kheirandish-Gozal L, Abel F, Gozal D. <b>Craniofacial syndromes and sleep-related breathing disorders.</b> Sleep Med Rev. 2016;27:74-88.<br/> <a href="https://www.ncbi.nlm.nih.gov/pubmed/26454241">https://www.ncbi.nlm.nih.gov/pubmed/26454241</a></p> <p>Greives MR, Ware BW, Tian AG, Taylor JA, Pollack IF, Losee JE. <b>Complications in Posterior Cranial Vault Distraction.</b> Ann Plast Surg. 2016;76(2):211-5.<br/> <a href="https://www.ncbi.nlm.nih.gov/pubmed/25954848">https://www.ncbi.nlm.nih.gov/pubmed/25954848</a></p> |
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| Database/kilde | <a href="#">Ovid MEDLINE</a> – systematiske oversikter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Dato for søk   | 12.06.2018<br>25.06.2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Søkehistorie   | <p>Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process &amp; Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) &lt;1946 to Present&gt;</p> <ol style="list-style-type: none"> <li>1 exp Skull/ or face/ or forehead/ or facial bones/ or jaw/ or mandible/ or maxilla/ (219630)</li> <li>2 (crani* or skull or face or midface or facial or jaw or mandibul* or maxilla*).tw,kf. (511501)</li> <li>3 or/1-2 (610999)</li> <li>4 Osteogenesis/ or (osteogen* or dysostos*).tw,kf. (56106)</li> <li>5 3 and 4 (11095)</li> <li>6 craniofacial dysostosis/ or hallermann's syndrome/ or hypertelorism/ or mandibulofacial dysostosis/ or craniosynostoses/ (8988)</li> <li>7 5 or 6 (18884)</li> <li>8 Osteogenesis, Distraction/ or surgery.fs. (1832389)</li> <li>9 (distract* or reconstruct* or fixat* or frame* or device* or correct* or advancement* or surg*).tw,kf. (3108383)</li> <li>10 orthopedic fixation devices/ or external fixators/ or casts, surgical/ or splints/ (25935)</li> <li>11 or/8-10 (3980825)</li> </ol> |

- 12 7 and 11 (9489)
- 13 (wound\* or skin care or nurs\*).tw,kf. (612874)
- 14 (hair and wash\*).tw,kf. (929)
- 15 ((pin\* adj4 care) or (pin\* and complication\*)).tw,kf. (4868)
- 16 (pin or pins or screw or screws or bolt or bolts or wire or wires or fixator\* or splint or splints).ti,kf. (35134)
- 17 exp Feeding Methods/ or (nutrition\* or feeding).ti,kf. (177860)
- 18 Oral Hygiene/ or (mouth care or oral care).tw,kf. (13550)
- 19 (eye care or ((eye or eyes) adj4 (protect\* or dryness or shield\* or moist\*))).tw,kf. (5648)
- 20 Patient Education as Topic/ or (educat\* or inform\* or patient information or patient education).ti,kf. (356950)
- 21 family/ or family relations/ or maternal behavior/ or maternal deprivation/ or parent-child relations/ or father-child relations/ or mother-child relations/ or parenting/ or paternal behavior/ or paternal deprivation/ (143591)
- 22 (family or families or parent\* or mother\* or father\*).ti,kf. (324430)
- 23 interdisciplinary communication/ or patient care team/ or nursing, team/ (74437)
- 24 exp Adaptation, Psychological/ or Stress, Psychological/ (210164)
- 25 communication/ or exp nonverbal communication/ (99961)
- 26 (coping or cope or communication or anxiety).tw,kf. (419418)
- 27 exp Anxiety/ or psychology.fs. (972946)
- 28 (qualitative study or qualitative research).tw,kf. or qualitative.ti,kf. (62325)
- 29 Chlorhexidine/ or Disinfection/ or Sodium/ or (chlorhexidine or nacl or sodium\* or hydrochloride or disinfect\* or clean\* or wash\* or antiseptic\*).tw,kf. (681550)
- 30 exp Anti-Infective Agents, Local/ (213344)
- 31 Infection Control/ or infection control.tw,kf. (34456)
- 32 wound infection/ or surgical wound infection/ (43397)
- 33 Pain, Postoperative/ or pain.tw,kf. (552954)
- 34 perioperative care/ or perioperative nursing/ or postoperative care/ or preoperative care/ (119955)
- 35 perioperative period/ or postoperative period/ or anesthesia recovery period/ or preoperative period/ (55009)
- 36 (perioperativ\* or preoperativ\* or pre operativ\* or postoperativ\* or post operativ\*).ti,kf. (145965)
- 37 or/13-36 (4175973)
- 38 12 and 37 (1265)
- 39 limit 38 to (yr="2014 -Current" and (danish or english or norwegian or swedish)) (297)
- 40 limit 38 to (yr="2014 -Current" and (danish or english or norwegian or swedish) and "reviews (best balance of sensitivity and specificity)") (26)

Utvidet søk på pasientgruppen:

- 1 exp Craniofacial Abnormalities/su [Surgery] (15062)

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|              | <p>2 ((craniofacial adj3 surg*) or craniofacial anomali*).tw,kf. (3226)</p> <p>3 1 or 2 (17500)</p> <p>4 (wound* or skin care or nurs*).tw,kf. (612735)</p> <p>5 (hair and wash*).tw,kf. (925)</p> <p>6 ((pin* adj4 care) or (pin* and complication*)).tw,kf. (4871)</p> <p>7 (pin or pins or screw or screws or bolt or bolts or wire or wires or fixator* or splint or splints).ti,kf. (35154)</p> <p>8 exp Feeding Methods/ or (nutrition* or feeding).ti,kf. (177581)</p> <p>9 Oral Hygiene/ or (mouth care or oral care).tw,kf. (13557)</p> <p>10 (eye care or ((eye or eyes) adj4 (protect* or dryness or shield* or moist*))).tw,kf. (5646)</p> <p>11 Patient Education as Topic/ or (educat* or inform* or patient information or patient education).ti,kf. (356307)</p> <p>12 family/ or family relations/ or maternal behavior/ or maternal deprivation/ or parent-child relations/ or father-child relations/ or mother-child relations/ or parenting/ or paternal behavior/ or paternal deprivation/ (143244)</p> <p>13 (family or families or parent* or mother* or father*).ti,kf. (323783)</p> <p>14 interdisciplinary communication/ or patient care team/ or nursing, team/ (74447)</p> <p>15 exp Adaptation, Psychological/ or Stress, Psychological/ (209566)</p> <p>16 communication/ or exp nonverbal communication/ (99825)</p> <p>17 (coping or cope or communication or anxiety).tw,kf. (417977)</p> <p>18 exp Anxiety/ or psychology.fs. (969426)</p> <p>19 (qualitative study or qualitative research).tw,kf. or qualitative.ti,kf. (62066)</p> <p>20 Chlorhexidine/ or Disinfection/ or Sodium/ or (chlorhexidine or nacl or sodium* or hydrochloride or disinfect* or clean* or wash* or antiseptic*).tw,kf. (681444)</p> <p>21 exp Anti-Infective Agents, Local/ (213222)</p> <p>22 Infection Control/ or infection control.tw,kf. (34370)</p> <p>23 wound infection/ or surgical wound infection/ (43381)</p> <p>24 Pain, Postoperative/ or pain.tw,kf. (552923)</p> <p>25 perioperative care/ or perioperative nursing/ or postoperative care/ or preoperative care/ (119967)</p> <p>26 perioperative period/ or postoperative period/ or anesthesia recovery period/ or preoperative period/ (55046)</p> <p>27 (perioperativ* or preoperativ* or pre operativ* or postoperativ* or post operativ*).ti,kf. (146027)</p> <p>28 or/4-27 (4170615)</p> <p>29 3 and 28 (2994)</p> <p>30 limit 29 to (yr="2014 -Current" and "all child (0 to 18 years)" and (danish or english or norwegian or swedish)) (377)</p> <p>31 limit 30 to "reviews (best balance of sensitivity and specificity)" (37)</p> |
| Antall treff | 26, 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Treff        | <p>Mulig relevante:</p> <p><b>Erythropoietin on Transfusion Requirements for Craniosynostosis Surgery in Children.</b> J Craniofac Surg. 2017;28(5):1315-9.<br/> <a href="https://www.ncbi.nlm.nih.gov/pubmed/28582302">https://www.ncbi.nlm.nih.gov/pubmed/28582302</a></p> <p>Plomp RG, van Lieshout MJ, Joosten KF, Wolvius EB, van der Schroeff MP, Versnel SL, et al. <b>Treacher Collins Syndrome: A Systematic Review of Evidence-Based Treatment and Recommendations.</b> Plast Reconstr Surg. 2016;137(1):191-204.<br/> <a href="https://www.ncbi.nlm.nih.gov/pubmed/27070215">https://www.ncbi.nlm.nih.gov/pubmed/27070215</a></p> <p>Cielo CM, Montalva FM, Taylor JA. <b>Craniofacial disorders associated with airway obstruction in the neonate.</b> Semin Fetal Neonatal Med. 2016;21(4):254-62.<br/> <a href="https://www.ncbi.nlm.nih.gov/pubmed/26997148">https://www.ncbi.nlm.nih.gov/pubmed/26997148</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |



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| Database/kilde | <a href="#">CINAHL</a> – systematiske oversikter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                         |         |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------|---|-------|--------------------|---------|-----|-----------|---------------------------------------------------------------------------------------------------------|----|-----|----------|--|-----|----|--------------------|--|-----|----|--------------------------|--|-----|----|-----------|--|-----|----|----------|--|--------|----|---------------|--|--------|----|--------------------------------------------------------------------------------|--|--------|----|----------|--|-----|----|------------------------------|--|-----|----|----------------------------------|--|-----|
| Dato for søk   | 13.06.2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                         |         |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |
| Søkehistorie   | <table> <tr> <th>#</th><th>Query</th><th>Limiters/Expanders</th><th>Results</th></tr> <tr> <td>S11</td><td>S7 OR S10</td><td>Limiters - Published Date: 20140101-20180931; English Language; Clinical Queries: Review - Best Balance</td><td>15</td></tr> <tr> <td>S10</td><td>S8 OR S9</td><td></td><td>327</td></tr> <tr> <td>S9</td><td>TX Craniosynostos*</td><td></td><td>300</td></tr> <tr> <td>S8</td><td>(MH "Craniosynostoses+")</td><td></td><td>275</td></tr> <tr> <td>S7</td><td>S3 AND S6</td><td></td><td>507</td></tr> <tr> <td>S6</td><td>S4 OR S5</td><td></td><td>93,643</td></tr> <tr> <td>S5</td><td>(MH "Skull+")</td><td></td><td>15,684</td></tr> <tr> <td>S4</td><td>TX crani* or skull or face or midface or facial or jaw or mandibul* or maxilla</td><td></td><td>89,382</td></tr> <tr> <td>S3</td><td>S1 OR S2</td><td></td><td>775</td></tr> <tr> <td>S2</td><td>TX osteogenesis distraction*</td><td></td><td>775</td></tr> <tr> <td>S1</td><td>(MH "Osteogenesis, Distraction")</td><td></td><td>574</td></tr> </table> |                                                                                                         |         | # | Query | Limiters/Expanders | Results | S11 | S7 OR S10 | Limiters - Published Date: 20140101-20180931; English Language; Clinical Queries: Review - Best Balance | 15 | S10 | S8 OR S9 |  | 327 | S9 | TX Craniosynostos* |  | 300 | S8 | (MH "Craniosynostoses+") |  | 275 | S7 | S3 AND S6 |  | 507 | S6 | S4 OR S5 |  | 93,643 | S5 | (MH "Skull+") |  | 15,684 | S4 | TX crani* or skull or face or midface or facial or jaw or mandibul* or maxilla |  | 89,382 | S3 | S1 OR S2 |  | 775 | S2 | TX osteogenesis distraction* |  | 775 | S1 | (MH "Osteogenesis, Distraction") |  | 574 |
| #              | Query                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Limiters/Expanders                                                                                      | Results |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |
| S11            | S7 OR S10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Limiters - Published Date: 20140101-20180931; English Language; Clinical Queries: Review - Best Balance | 15      |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |
| S10            | S8 OR S9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                         | 327     |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |
| S9             | TX Craniosynostos*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                         | 300     |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |
| S8             | (MH "Craniosynostoses+")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                         | 275     |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |
| S7             | S3 AND S6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                         | 507     |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |
| S6             | S4 OR S5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                         | 93,643  |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |
| S5             | (MH "Skull+")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                         | 15,684  |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |
| S4             | TX crani* or skull or face or midface or facial or jaw or mandibul* or maxilla                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                         | 89,382  |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |
| S3             | S1 OR S2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                         | 775     |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |
| S2             | TX osteogenesis distraction*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                         | 775     |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |
| S1             | (MH "Osteogenesis, Distraction")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                         | 574     |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |
| Antall treff   | <p>Earley M, Butts SC. <b>Update on mandibular distraction osteogenesis</b>. Curr Opin Otolaryngol Head Neck Surg. 2014;22(4):276-83.<br/> <a href="http://search.ebscohost.com/login.aspx?direct=true&amp;db=cin20&amp;AN=107796885&amp;site=ehost-live">http://search.ebscohost.com/login.aspx?direct=true&amp;db=cin20&amp;AN=107796885&amp;site=ehost-live</a></p> <p>eldre:<br/> Breik O, Tivey DR, Umapathysivam K, Anderson P. <b>Mandibular distraction osteogenesis in the management of airway obstruction in children: a systematic review protocol</b>. JBI Database of Systematic Reviews &amp; Implementation Reports. 2013;11(10):16-29.<br/> <a href="http://search.ebscohost.com/login.aspx?direct=true&amp;db=cin20&amp;AN=113571906&amp;site=ehost-live">http://search.ebscohost.com/login.aspx?direct=true&amp;db=cin20&amp;AN=113571906&amp;site=ehost-live</a></p>                                                                                                                                                               |                                                                                                         |         |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |
| Kommentarer    | Ingen direkte relevante                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                         |         |   |       |                    |         |     |           |                                                                                                         |    |     |          |  |     |    |                    |  |     |    |                          |  |     |    |           |  |     |    |          |  |        |    |               |  |        |    |                                                                                |  |        |    |          |  |     |    |                              |  |     |    |                                  |  |     |

## Primærstudier

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| Database/kilde | <a href="#">Ovid MEDLINE</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Dato for søk   | 12.06.2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Søkehistorie   | <p>Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process &amp; Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) &lt;1946 to Present&gt;</p> <ol style="list-style-type: none"> <li>1 exp Skull/ or face/ or forehead/ or facial bones/ or jaw/ or mandible/ or maxilla/ (219630)</li> <li>2 (crani* or skull or face or midface or facial or jaw or mandibul* or maxilla*).tw,kf. (511501)</li> <li>3 or/1-2 (610999)</li> <li>4 Osteogenesis/ or (osteogen* or dysostosis*).tw,kf. (56106)</li> <li>5 3 and 4 (11095)</li> <li>6 craniofacial dysostosis/ or hallermann's syndrome/ or hypertelorism/ or mandibulofacial dysostosis/ or craniosynostoses/ (8988)</li> <li>7 5 or 6 (18884)</li> <li>8 Osteogenesis, Distraction/ or surgery.fs. (1832389)</li> <li>9 (distract* or reconstruct* or fixat* or frame* or device* or correct* or advancement* or surg*).tw,kf. (3108383)</li> <li>10 orthopedic fixation devices/ or external fixators/ or casts, surgical/ or splints/ (25935)</li> <li>11 or/8-10 (3980825)</li> <li>12 7 and 11 (9489)</li> <li>13 (wound* or skin care or nurs*).tw,kf. (612874)</li> <li>14 (hair and wash*).tw,kf. (929)</li> <li>15 ((pin* adj4 care) or (pin* and complication*)).tw,kf. (4868)</li> <li>16 (pin or pins or screw or screws or bolt or bolts or wire or wires or fixator* or splint or splints).ti,kf. (35134)</li> <li>17 exp Feeding Methods/ or (nutrition* or feeding).ti,kf. (177860)</li> <li>18 Oral Hygiene/ or (mouth care or oral care).tw,kf. (13550)</li> <li>19 (eye care or ((eye or eyes) adj4 (protect* or dryness or shield* or moist*))).tw,kf. (5648)</li> <li>20 Patient Education as Topic/ or (educat* or inform* or patient information or patient education).ti,kf. (356950)</li> <li>21 family/ or family relations/ or maternal behavior/ or maternal deprivation/ or parent-child relations/ or father-child relations/ or mother-child relations/ or parenting/ or paternal behavior/ or paternal deprivation/ (143591)</li> <li>22 (family or families or parent* or mother* or father*).ti,kf. (324430)</li> <li>23 interdisciplinary communication/ or patient care team/ or nursing, team/ (74437)</li> <li>24 exp Adaptation, Psychological/ or Stress, Psychological/ (210164)</li> <li>25 communication/ or exp nonverbal communication/ (99961)</li> <li>26 (coping or cope or communication or anxiety).tw,kf. (419418)</li> <li>27 exp Anxiety/ or psychology.fs. (972946)</li> </ol> |

- 28 (qualitative study or qualitative research).tw,kf. or qualitative.ti,kf. (62325)
- 29 Chlorhexidine/ or Disinfection/ or Sodium/ or (chlorhexidine or nacl or sodium\* or hydrochloride or disinfect\* or clean\* or wash\* or antiseptic\*).tw,kf. (681550)
- 30 exp Anti-Infective Agents, Local/ (213344)
- 31 Infection Control/ or infection control.tw,kf. (34456)
- 32 wound infection/ or surgical wound infection/ (43397)
- 33 Pain, Postoperative/ or pain.tw,kf. (552954)
- 34 perioperative care/ or perioperative nursing/ or postoperative care/ or preoperative care/ (119955)
- 35 perioperative period/ or postoperative period/ or anesthesia recovery period/ or preoperative period/ (55009)
- 36 (perioperativ\* or preoperativ\* or pre operativ\* or postoperativ\* or post operativ\*).ti,kf. (145965)
- 37 or/13-36 (4175973)
- 38 12 and 37 (1265)
- 39 limit 38 to (yr="2014 -Current" and (danish or english or norwegian or swedish)) (297)
- 40 limit 38 to (yr="2014 -Current" and (danish or english or norwegian or swedish) and "reviews (best balance of sensitivity and specificity)") (26)

**Utvidet søk på pasientgruppen:**

- 1 exp Craniofacial Abnormalities/su [Surgery] (15062)
- 2 ((craniofacial adj3 surg\*) or craniofacial anomali\*).tw,kf. (3226)
- 3 1 or 2 (17500)
- 4 (wound\* or skin care or nurs\*).tw,kf. (612735)
- 5 (hair and wash\*).tw,kf. (925)
- 6 ((pin\* adj4 care) or (pin\* and complication\*)).tw,kf. (4871)
- 7 (pin or pins or screw or screws or bolt or bolts or wire or wires or fixator\* or splint or splints).ti,kf. (35154)
- 8 exp Feeding Methods/ or (nutrition\* or feeding).ti,kf. (177581)
- 9 Oral Hygiene/ or (mouth care or oral care).tw,kf. (13557)
- 10 (eye care or ((eye or eyes) adj4 (protect\* or dryness or shield\* or moist\*))).tw,kf. (5646)
- 11 Patient Education as Topic/ or (educat\* or inform\* or patient information or patient education).ti,kf. (356307)
- 12 family/ or family relations/ or maternal behavior/ or maternal deprivation/ or parent-child relations/ or father-child relations/ or mother-child relations/ or parenting/ or paternal behavior/ or paternal deprivation/ (143244)
- 13 (family or families or parent\* or mother\* or father\*).ti,kf. (323783)
- 14 interdisciplinary communication/ or patient care team/ or nursing, team/ (74447)
- 15 exp Adaptation, Psychological/ or Stress, Psychological/ (209566)
- 16 communication/ or exp nonverbal communication/ (99825)
- 17 (coping or cope or communication or anxiety).tw,kf. (417977)
- 18 exp Anxiety/ or psychology.fs. (969426)
- 19 (qualitative study or qualitative research).tw,kf. or qualitative.ti,kf. (62066)
- 20 Chlorhexidine/ or Disinfection/ or Sodium/ or (chlorhexidine or nacl or sodium\* or hydrochloride or disinfect\* or clean\* or wash\* or antiseptic\*).tw,kf. (681444)
- 21 exp Anti-Infective Agents, Local/ (213222)
- 22 Infection Control/ or infection control.tw,kf. (34370)

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | <p>23 wound infection/ or surgical wound infection/ (43381)</p> <p>24 Pain, Postoperative/ or pain.tw,kf. (552923)</p> <p>25 perioperative care/ or perioperative nursing/ or postoperative care/ or preoperative care/ (119967)</p> <p>26 perioperative period/ or postoperative period/ or anesthesia recovery period/ or preoperative period/ (55046)</p> <p>27 (perioperativ* or preoperativ* or pre operativ* or postoperativ* or post operativ*).ti,kf. (146027)</p> <p>28 or/4-27 (4170615)</p> <p>29 3 and 28 (2994)</p> <p>30 limit 29 to (yr="2014 -Current" and "all child (0 to 18 years)" and (danish or english or norwegian or swedish)) (377)</p> <p><b>utvidet søk på hårvask:</b></p> <p>1 exp Skull/ or face/ or forehead/ or facial bones/ or jaw/ or mandible/ or maxilla/ (219665)</p> <p>2 (crani* or skull or face or midface or facial or jaw or mandibul* or maxilla*).tw,kf. (511366)</p> <p>3 or/1-2 (610858)</p> <p>4 Osteogenesis/ or (osteogen* or dysostosis*).tw,kf. (56095)</p> <p>5 3 and 4 (11104)</p> <p>6 craniofacial dysostosis/ or hallermann's syndrome/ or hypertelorism/ or mandibulofacial dysostosis/ or craniosynostoses/ (9007)</p> <p>7 5 or 6 (18909)</p> <p>8 Osteogenesis, Distraction/ or surgery.fs. (1833030)</p> <p>9 (distract* or reconstruct* or fixat* or frame* or device* or correct* or advancement* or surg*).tw,kf. (3107614)</p> <p>10 orthopedic fixation devices/ or external fixators/ or casts, surgical/ or splints/ (25959)</p> <p>11 or/8-10 (3980440)</p> <p>12 7 and 11 (9508)</p> <p>13 exp Craniofacial Abnormalities/su [Surgery] (15062)</p> <p>14 ((craniofacial adj3 surg*) or craniofacial anomali*).tw,kf. (3226)</p> <p>15 or/12-14 (23158)</p> <p>16 (hair or wash*).tw,kf. (175871)</p> <p>17 15 and 16 (78)</p> <p>18 limit 17 to (danish or english or norwegian or swedish) (72)</p> |
| Antall treff         | 271, 377,72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Kommentarer og treff | <p>Noen utvalgte, usikkert om relevante - Se også eget vedlegg</p> <p><b>Hair wash:</b><br/>Oh WO, Yeom I, Kim DS, Park EK, Shim KW. <b>Effect of Unshaven Hair with Absorbable Sutures and Early Postoperative Shampoo on Cranial Surgery Site Infection.</b>[Erratum appears in Pediatr Neurosurg. 2018;53(1):70; PMID: 29216629]. Pediatr Neurosurg. 2018;53(1):18-23.<br/><a href="https://www.ncbi.nlm.nih.gov/pubmed/?term=29073589">https://www.ncbi.nlm.nih.gov/pubmed/?term=29073589</a></p> <p>Zingaretti N, De Biasio F, Riccio M, Marchesi A, Parodi PC. <b>An Efficient Method for Hair Containment During Head and Neck Surgery.</b> J Craniofac Surg. 2017;28(8):e734-e5.<br/><a href="https://www.ncbi.nlm.nih.gov/pubmed/?term=28922240">https://www.ncbi.nlm.nih.gov/pubmed/?term=28922240</a></p> <p>Inciarte MA, Thomas GP, Wall SA, Johnson D. <b>An Effective and Novel Technique for Hair Control in Craniofacial Surgery.</b> Plast Reconstr Surg. 2015;136(2):285e-6e.<br/><a href="https://www.ncbi.nlm.nih.gov/pubmed/25946607">https://www.ncbi.nlm.nih.gov/pubmed/25946607</a></p> <p>Sarmey N, Kshetry VR, Shriver MF, Habboub G, Machado AG, Weil RJ. <b>Evidence-based interventions to reduce shunt infections: a systematic review.</b> Childs Nervous System. 2015;31(4):541-9.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

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#### Pin site care:

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**development of infection.** Acta Orthop Traumatol Turc. 2014;48(1):80-5.  
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|                |                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                      |      |
|----------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Database/kilde | <a href="#">CINAHL</a>                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                      |      |
| Dato for søk   | 13.06.2018                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                      |      |
| Søkehistorie   |                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                      |      |
|                | S1                                                                                               | (MH "Osteogenesis, Distraction")                                                                                                                                                                                                                                                                                                                                                                     | 574  |
|                | S2                                                                                               | TX osteogenesis distraction*                                                                                                                                                                                                                                                                                                                                                                         | 775  |
|                | S3                                                                                               | S1 OR S2                                                                                                                                                                                                                                                                                                                                                                                             | 775  |
|                | S4                                                                                               | TX crani* or skull or face or midface or facial or jaw or mandibul* or maxilla                                                                                                                                                                                                                                                                                                                       | 89,3 |
|                | S5                                                                                               | (MH "Skull+")                                                                                                                                                                                                                                                                                                                                                                                        | 15,6 |
|                | S6                                                                                               | S4 OR S5                                                                                                                                                                                                                                                                                                                                                                                             | 93,6 |
|                | S7                                                                                               | S3 AND S6                                                                                                                                                                                                                                                                                                                                                                                            | 507  |
|                | S8                                                                                               | (MH "Craniosynostoses+")                                                                                                                                                                                                                                                                                                                                                                             | 275  |
|                | S9                                                                                               | TX Craniosynostos*                                                                                                                                                                                                                                                                                                                                                                                   | 300  |
|                | S10                                                                                              | S8 OR S9                                                                                                                                                                                                                                                                                                                                                                                             | 327  |
|                | S11                                                                                              | S7 OR S10                                                                                                                                                                                                                                                                                                                                                                                            | 818  |
|                | S12                                                                                              | TI ( nursing or nurse or nurses ) OR AB ( nursing or nurse or nurses )                                                                                                                                                                                                                                                                                                                               | 396, |
|                | S13                                                                                              | TX hair and wash*                                                                                                                                                                                                                                                                                                                                                                                    | 529  |
|                | S14                                                                                              | TX pin* care                                                                                                                                                                                                                                                                                                                                                                                         | 405  |
|                | S15                                                                                              | (MH "Wound Packing") OR (MH "Skin Care") OR (MH "Perioperative Care+") OR (MH "Post Anesthesia Care") OR (MH "Postoperative Care+") OR (MH "Surgical Wound Care+") OR (MH "Pin Site Care") OR (MH "Preoperative Care+") OR (MH "Skin Preparation, Surgical") OR (MH "Mouth Care+") OR (MH "Oral Hygiene+") OR (MH "Toothbrushing") OR (MH "Nursing Care") OR (MH "Eye Care+") OR (MH "Eye Patching") | 57,1 |
|                | S16                                                                                              | (MH "Enteral Nutrition")                                                                                                                                                                                                                                                                                                                                                                             | 6,06 |
| S17            | (MH "Patient Education+") OR (MH "Patient Discharge Education") OR (MH "Preoperative Education") | 55,2                                                                                                                                                                                                                                                                                                                                                                                                 |      |



|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                |         |  |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--|
|                      | S18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TI pamphlet* or booklet* or information* or education* or brochure*                                                                                                                                            | 99,985  |  |
|                      | S19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (MH "Family+") OR (MH "Parents+") OR (MH "Fathers+") OR (MH "Mothers+")                                                                                                                                        | 136,904 |  |
|                      | S20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TI father* or mother* or famil* or relatives or parent*                                                                                                                                                        | 92,049  |  |
|                      | S21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (MH "Family Centered Care+") OR (MH "Multidisciplinary Care Team+") OR (MH "Nutritional Support Team")                                                                                                         | 33,870  |  |
|                      | S22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TI multidisciplinary or interdisciplinary or interprofessional                                                                                                                                                 | 9,958   |  |
|                      | S23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (MH "Child Behavior+") OR (MH "Infant Behavior") OR (MH "Coping+") OR (MH "Family Coping") OR (MH "Symptom Distress") OR (MH "Avoidance (Psychology)") OR (MH "Maternal Behavior") OR (MH "Parental Behavior") | 34,829  |  |
|                      | S24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TI coping or cope or adjust*                                                                                                                                                                                   | 15,413  |  |
|                      | S25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (MH "Communication+")                                                                                                                                                                                          | 164,804 |  |
|                      | S26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TI communicat*                                                                                                                                                                                                 | 22,434  |  |
|                      | S27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 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                                                                                                          | 870,243 |  |
|                      | S28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | S11 AND S27<br>Limiters - Published Date: 20080101-20180831; English Language                                                                                                                                  | 59      |  |
|                      | S29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (MH "Pin Site Care")                                                                                                                                                                                           | 78      |  |
|                      | S30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TI ( pin or pins ) AND TI care                                                                                                                                                                                 | 54      |  |
|                      | S31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | S29 OR S30<br>Limiters - Published Date: 20080101-20180831; English Language                                                                                                                                   | 46      |  |
| Antall treff         | 59, 46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                |         |  |
| Kommentarer og treff | <p>Eget søk på bare pin site care, alle typer studier:</p> <p><b>Review/consensus/guideline:</b></p> <p>Georgiades D-S. A <b>Systematic Integrative Review of Pin Site Crusts</b>. Orthop Nurs. 2018;37(1):36-42.<br/> <a href="http://search.ebscohost.com/login.aspx?direct=true&amp;db=cin20&amp;AN=127894837&amp;site=ehost-live">http://search.ebscohost.com/login.aspx?direct=true&amp;db=cin20&amp;AN=127894837&amp;site=ehost-live</a></p> <p>Eldre:</p> <p>Timms A, Vincent M, Santy-Tomlinson J, Hertz K. <b>A fresh consensus for pin site care in the UK</b>. International Journal of Orthopaedic &amp; Trauma Nursing. 2013;17(1):19-28.<br/> <a href="http://search.ebscohost.com/login.aspx?direct=true&amp;db=cin20&amp;AN=104413128&amp;site=ehost-live">http://search.ebscohost.com/login.aspx?direct=true&amp;db=cin20&amp;AN=104413128&amp;site=ehost-live</a></p> |                                                                                                                                                                                                                |         |  |

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