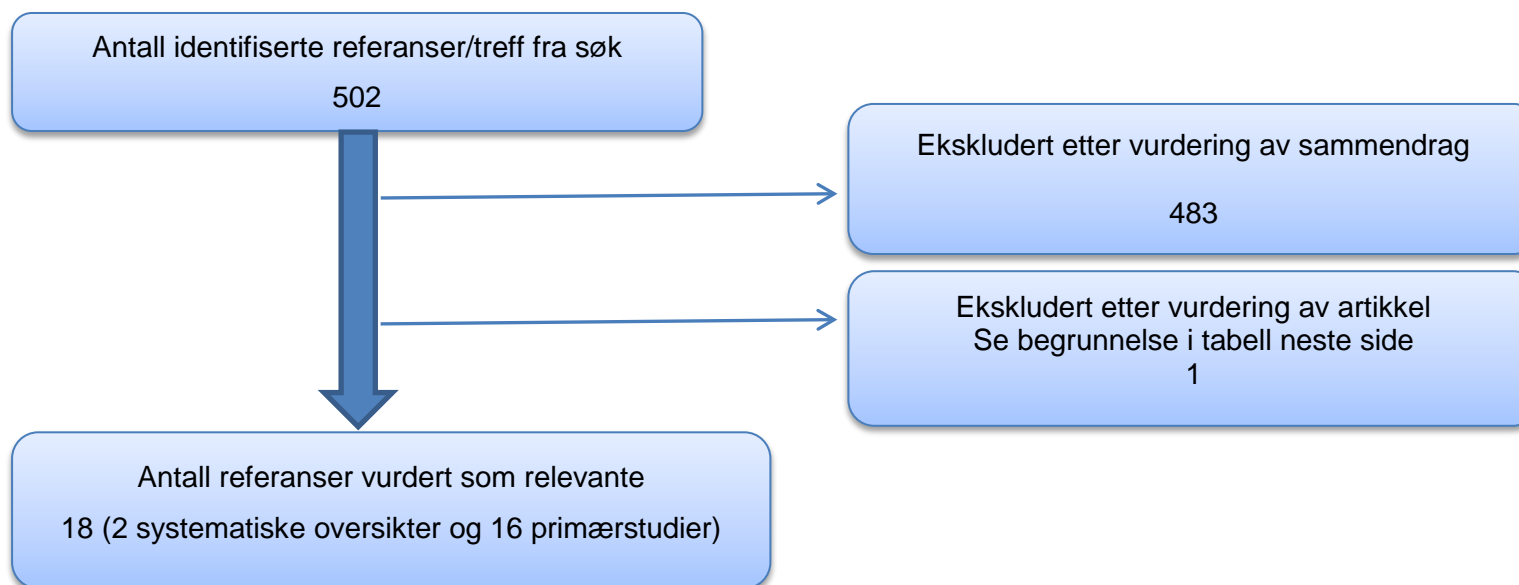


## Dokumentasjonsark: Nasjonal faglig retningslinje for TannBarn

Spørsmål:

**Hvordan er helsetilstanden blant barn med medisinske eller psykiske utfordringer? Har barn med alvorlig psykisk eller somatisk sykdom høyere forekomst av karies, oral dysfunksjon eller malokklusjoner? PICO 3, del 1**

|   |   |                            |
|---|---|----------------------------|
| P | Children with severe somatic or mental disease, Medically compromised, Disabled , Intellectually disabled, Special care needs, 0-5 years, 6-18 years                                |                            |
| I |   | Dato for søk:31.07.2015    |
| C |   | Søk oppdatert dato:        |
| O | Caries prevalence, Gingivitis prevalence, Oral mucosal lesions, Oral dysfunction, Malocclusion, Eruption disturbances, Need for dental treatment in general anesthesia, Dental fear | Bibliotek: Hdir (Nøstberg) |



Figur 1. Flytskjema over identifiserte treff og utvelgelse av relevante referanser.  
Kommentar til prosedyreutkast: Flytskjemaet er modifisert/hentet fra [Kunnskapssenterets rapporter](#) (eksempel på rapport i lenken)

**Tabell 1a. Inkluderte systematiske oversikter (oversiktsartikler).**

| <b>Forfatter</b>  | <b>År</b> | <b>Tittel</b>   | <b>Metodisk kvalitet</b><br>(bruk <a href="#">sjekklister</a><br><a href="#">Kunnskapssenteret</a> ) | <b>Siste</b><br><b>litteratursøk</b> | <b>Egne kommentarer</b> |
|---|-----------|---|--|--------------------------------------|-------------------------|
| Terezakis E, Needleman I, Kumar N, Moles D, Agudo E.                      | 2011      | The impact of hospitalization on oral health: a systematic review   | Moderat kvalitet   | Jan 2010                             |                         |
| Hasslof P, Twetman S.   | 2007      | Caries prevalence in children with cleft lip and palate--a systematic review of case-control studies          | Moderat kvalitet   |                                      |                         |
| Brogardh-Roth S   | 2010      | The preterm child in dentistry. Behavioural aspects and oral health   |  |                                      | Primærstudie            |
| Brogardh-Roth S, Matsson L, Klingberg G                                   | 2011      | Molar-incisor hypomineralization and oral hygiene in 10- to-12-yr-old Swedish children born preterm           |  |                                      | Primærstudie            |
| Brogardh-Roth S, Stjernqvist K, Matsson L, Klingberg G                    | 2010      | Dental fear and anxiety and oral health behaviour in 12- to 14-year-olds born preterm.                        |  |                                      | Primærstudie            |
| Engvall M, Sjogreen L, Kjellberg H, Robertson A, Sundell S, Kiliaridis S. | 2009      | Oral health status in a group of children and adolescents with myotonic dystrophy type 1 over a 4-year period |  |                                      | Primærstudie            |
| Engvall M, Sjogreen L, Kjellberg H, Robertson A, Sundell S, Kiliaridis S. | 2007      | Oral health in children and adolescents with myotonic dystrophy   |  |                                      | Primærstudie            |
| Julihn A, Jansson P, Regnstrand T, Modeer T.                              | 2013      | Is congenital malformation a risk factor for caries development in Swedish adolescents?                       |  |                                      | Primærstudie            |
| Klingberg G, Lingstrom P, Oskarsdottir S, Friman V, Bohman E, Carlen A.   | 2007      | Caries-related saliva properties in individuals with 22q11 deletion syndrome                                  |  |                                      | Primærstudie            |
| Rythen M, Niklasson A, Hellstrom A, Hakeberg M, Robertson A.              | 2012      | Risk indicators for poor oral health in adolescents born extremely preterm.                                   |  |                                      | Primærstudie            |
| Sjogreen L, Engvall M, Ekstrom AB, Lohmander A, Kiliaridis S, Tulinius M. | 2007      | Orofacial dysfunction in children and adolescents with myotonic dystrophy                                     |  |                                      | Primærstudie            |
| Sjögreen L, Andersson-Norinder J, Bratel J.                               | 2015      | Oral hälsa och oralmotorisk funktion hos personer med sällsynta diagnoser - en                                |  |                                      | Primærstudie            |

|  |      |   |  |  |              |
|--|------|---|--|--|--------------|
|  |      | databasstudie   |  |  |              |
| Stensson M, Wendt LK, Koch G, Nilsson M, Oldaeus G, Birkhed D.               | 2010 | Oral health in pre-school children with asthma-- followed from 3 to 6 years   |  |  | Primærstudie |
| Stensson M, Wendt LK, Koch G, Oldaeus G, Lingstrom P, Birkhed D.             | 2010 | Caries prevalence, caries-related factors and plaque pH in adolescents with long-term asthma                                    |  |  | Primærstudie |
| Twetman S, Johansson I, Birkhed D, Nederfors T.                              | 2002 | Caries incidence in young type 1 diabetes mellitus patients in relation to metabolic control and caries-associated risk factors |  |  | Primærstudie |
| Wogelius P, Dahllof G, Gorst-Rasmussen A, Sorensen HT, Rosthoj S, Poulsen S. | 2008 | A population-based observational study of dental caries among survivors of childhood cancer                                     |  |  | Primærstudie |
| Wogelius P, Poulsen S, Sorensen HT.  | 2003 | Asthma, ear problems, and dental anxiety among 6- to 8-yr-olds in Denmark: a population-based cross-sectional study             |  |  | Primærstudie |
| Wogelius P, Rosthoj S, Dahllof G, Poulsen S..                                | 2009 | Dental anxiety among survivors of childhood cancer: a cross-sectional study   |  |  | Primærstudie |

### Inkluderte systematiske oversikter (oversiktsartikler).

1. Terezakis E, Needleman I, Kumar N, Moles D, Agudo E. The impact of hospitalisation on oral health: a systematic review. *J Clin Periodontol* 2011;38:628-636.
2. Hasslof P, Twetman S. Caries prevalence in children with cleft lip and palate--a systematic review of case-control studies. *Int J Paediatr Dent* 2007;17(5):313-9.
3. Brogardh-Roth S. The preterm child in dentistry. Behavioural aspects and oral health. *Swedish Dental Journal - Supplement* 2010;(208):11-85.
4. Brogardh-Roth S, Matsson L, Klingberg G. Molar-incisor hypomineralization and oral hygiene in 10- to 12-yr-old Swedish children born preterm. *Eur J Oral Sci* 2011;119(1):33-9
5. Brogardh-Roth S, Stjernqvist K, Matsson L, Klingberg G. Dental fear and anxiety and oral health behaviour in 12- to 14-year-olds born preterm. *Int J Paediatr Dent* 2010;20(6):391-9
6. Engvall M, Sjogreen L, Kjellberg H, Robertson A, Sundell S, Kiliaridis S. Oral health in children and adolescents with myotonic dystrophy. *Eur J Oral Sci* 2007;115(3):192-7.
7. Engvall M, Sjogreen L, Kjellberg H, Robertson A, Sundell S, Kiliaridis S. Oral health status in a group of children and adolescents with

- myotonic dystrophy type 1 over a 4-year period. *Int J Paediatr Dent* 2009;19(6):412-22.
8. Julihn A, Jansson P, Regnstrand T, Modeer T. Is congenital malformation a risk factor for caries development in Swedish adolescents? *Acta Odontol Scand* 2013;71(6):1636-44.
  9. Klingberg G, Lingstrom P, Oskarsdottir S, Friman V, Bohman E, Carlen A. Caries-related saliva properties in individuals with 22q11 deletion syndrome. *Oral Surgery Oral Medicine Oral Pathology Oral Radiology & Endodontics* 2007;103(4):497-504.
  10. Rythen M, Niklasson A, Hellstrom A, Hakeberg M, Robertson A. Risk indicators for poor oral health in adolescents born extremely preterm. *Swed Dent J* 2012;36(3):115-24.
  11. Sjogreen L, Engvall M, Ekstrom AB, Lohmander A, Kiliaridis S, Tulinius M. Orofacial dysfunction in children and adolescents with myotonic dystrophy. *Dev Med Child Neurol* 2007;49(1):18-22.
  12. Sjögren L, Andersson-Norinder J, Bratel J. Oral hälsa och oralmotorisk funktion hos personer med sällsynta diagnoser - en databasstudie. *Swed Dent J* 2015;39(1):23-37.
  13. Stensson M, Wendt LK, Koch G, Nilsson M, Oldaeus G, Birkhed D. Oral health in pre-school children with asthma--followed from 3 to 6 years. *Int J Paediatr Dent* 2010;20(3):165-72.
  14. Stensson M, Wendt LK, Koch G, Oldaeus G, Lingstrom P, Birkhed D. Caries prevalence, caries-related factors and plaque pH in adolescents with long-term asthma. *Caries Res* 2010;44(6):540-6.
  15. Twetman S, Johansson I, Birkhed D, Nederfors T. Caries incidence in young type 1 diabetes mellitus patients in relation to metabolic control and caries-associated risk factors. *Caries Res* 2002;36(1):31-5.
  16. Wogelius P, Dahllof G, Gorst-Rasmussen A, Sorensen HT, Rosthoj S, Poulsen S. A population-based observational study of dental caries among survivors of childhood cancer. *Pediatr Blood Cancer* 2008;50(6):1221-6.
  17. Wogelius P, Poulsen S, Sorensen HT. Asthma, ear problems, and dental anxiety among 6- to 8-yr-olds in Denmark: a population-based cross-sectional study. *Eur J Oral Sci* 2003;111(6):472-6.
  18. Wogelius P, Rosthoj S, Dahllof G, Poulsen S. Dental anxiety among survivors of childhood cancer: a cross-sectional study. *Int J Paediatr Dent* 2009;19(2):121-6.

**Ekskluderte referanser. Sammendraget/tittel funnet relevant, ekskludert etter gjennomlesing av artikkel.**

1. Pedersen TK. Clinical aspects of orthodontic treatment for children with juvenile chronic arthritis. *Acta Odontol Scand* 1998;56(6):366-8.