

Bilaga 1 Sökdokumentation/Appendix 1 Search strategies

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PsycINFO via EBSCO 2 February 2024

Title: Systematic reviews on the link between mental health or illness and oral health/dental care

Search terms	Items found
Dental care/ oral health/ temporomandibular joint disorders:	
1. DE "Oral Health" OR DE "Dental Health" OR DE "Dental Surgery" OR DE "Dental Treatment" OR DE "Dental Surgery" OR DE "Bruxism" OR DE "Dental Disorders" OR DE "Teeth (Anatomy)" OR DE "Dental Education"	4682
2. TI dental or dentist* or jaw or mouth* or orofacial or teeth or tooth	6142
3. TI ((dental n2 (care or health or intervent* or need* or practice* or service* or status or treatment))) OR AB ((dental n2 (care or health or intervent* or need* or practice* or service* or status or treatment))	2501
4. TI ((oral n2 (disease* or disorder* or health* or status))) OR AB ((oral n2 (disease* or disorder* or health* or status)))	2404
5. 1-4 (OR)	9988
Study types: systematic reviews and meta-analyses	
6. (((DE "Meta Analysis" OR DE "Systematic Review" OR KW "health technology assessment" OR KW "Meta-analysis" OR KW "Systematic review" OR MA "Meta-Analysis" OR MA "Systematic Review" OR MA "Technology Assessment, Biomedical" OR MR "Meta Analysis" OR MR "Systematic Review") OR (TI (systematic* N3 review*)) OR (AB (systematic* N3 review*)) OR (TI (systematic* N3 bibliographic*)) OR (AB (systematic* N3 bibliographic*)) OR (TI (systematic* N3 literature)) OR (AB (systematic* N3 literature)) OR (TI (comprehensive* N3 literature)) OR (AB (comprehensive* N3 literature)) OR (TI (comprehensive* N3 bibliographic*)) OR (AB (comprehensive* N3 bibliographic*)) OR (TI (integrative N3 review)) OR (AB (integrative N3 review)) OR (TI (meta-analy* OR metaanaly*)) OR (AB (meta-analy* OR metaanaly*)) OR (TI (information N2 synthesis)) OR (TI (data N2 synthesis)) OR (AB (information N2 synthesis)) OR (AB (data N2 synthesis)) OR (TI (data N2 extract*)) OR (AB (data N2 extract*)) OR (TI (medline OR pubmed OR psyclit OR cinahl OR (psycinfo not "psycinfo database") OR "web of science" OR scopus OR embase)) OR (AB (medline OR pubmed OR psyclit OR cinahl OR (psycinfo not "psycinfo database") OR "web of science" OR scopus OR embase)) OR TI ("Systematic overview*" OR "systemic review*" OR "scoping review" OR "scoping literature review" OR "mapping review" OR "Umbrella review*" OR ("review of reviews" OR "overview of reviews") OR meta-review OR ("integrative overview" OR meta-synthesis OR metasynthesis OR "quantitative review" OR "quantitative synthesis" OR meta-ethnography OR "research synthesis") OR "Systematic literature search" OR "Systematic literature research" OR "evidence-based review" OR "evidence synthesis") OR TI ("research overview*" OR "collaborative review*" OR "collaborative overview*" OR "technology assessment*" OR "technology overview*" OR "technology appraisal*" OR hta OR htas OR "methodological overview*" OR "methodologic overview*" OR "methodological review*" OR "methodologic review*" OR "quantitative	128724

overview*") OR AB ("research overview*" OR "collaborative review*" OR "collaborative overview*" OR "technology assessment*" OR "technology overview*" OR "technology appraisal*" OR hta OR htas OR "methodological overview*" OR "methodologic overview*" OR "methodological review*" OR "methodologic review*" OR "quantitative overview*")) NOT (DE "Case Report"))

Combined sets/Limits

7.	5 and 6	333
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Final result

8.	7.	333
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The final search result, usually found at the end of the documentation, forms the list of abstracts.

AB = Abstract; **AU** = Author; **DE** = Term from the thesaurus; **KW** (Available in Academic Search Premiere / SocINDEX / PsycInfo) = Author keyword; **MH** = Exact Subject Heading from CINAHL Subject Headings; **MM** = Major Concept; **SU** = Searches for a part of or an entire subject heading; **TI** = Title; **TX** = All Text. Performs a keyword search of all the database's searchable fields; **ZC** = Methodology Index; * = Truncation; " " = Citation Marks; searches for an exact phrase; # = replaces one or no letters; ? = replaces one letter; **N** = Near Operator (N) finds the words if they are a maximum of x words apart from one another, regardless of the order in which they appear.; **W** = Within Operator (W) finds the words if they are within x words of one another, in the order in which you entered them

Cochrane Library via Wiley 2 February 2024 (CDSR)

Systematic reviews on the link between mental health or illness and oral health and/or dental care

Search terms	Items found
Dental care/ oral health/ temporomandibular joint disorders:	
1. [mh "Oral Health"]	800
2. [mh "Oral Hygiene"]	2791
3. [mh "stomatognathic diseases"]	32140
4. [mh "Dentistry"]	24584
5. [mh "Comprehensive Dental Care"]	9
6. [mh "Public Health Dentistry"]	4106
7. [mh "Dental Health Services"]	918
8. [mh "Jaw Abnormalities"]	686
9. [mh "Temporomandibular Joint Disorders"]	1173
10. [mh "Jaw Diseases"]	3374
11. [mh "dental service, hospital"]	17
12. (dental or dentist* or jaw or mouth* or orofacial or teeth or tooth):ti	20282
13. (dental NEAR/2 (care or health or intervent* or need* or practice* or service* or status or treatment)):ti,ab	4157
14. (oral NEAR/2 (disease* or disorder* or health* or status)):ti,ab	6621
15. 1-14 (OR)	58520
Psykiatric care /psychiatric illness/psychological well-being	
16. [mh "Mental Disorders"]	105250
17. [mh "Mental health"]	3190
18. [mh "Emotions"]	39141
19. [mh "Behavioral Symptoms"]	32897
20. [mh "Mentally Ill Persons"]	81
21. [mh "Persons with Mental Disabilities"]	75
22. [mh "Intellectual Disability"]	1999
23. [mh "Psychiatry"]	747
24. [mh "Mental Health Services"]	9410
25. [mh "psychiatric department, hospital"]	130
26. [mh "Quality of Life"]	43082
27. [mh "Substance-Related Disorders"]	20883
28. [mh "Substance abuse treatment centers"]	418
29. (anxiety or depress* or "quality of life" or mental or mentally or psychiatr* or psycholog*):ti,ab	307812
Adverse effects of pharmacological drug use in psychiatric care	
30. [mh "psychotropic drugs"]	17703
31. [mh "Antipsychotic Agents"]	6237
32. [mh "Cholinergic Antagonists"]	1845
33. [mh "Central Nervous System Stimulants"]	2960
34. [mh "Benzodiazepines"]	11649
35. [mh "Lithium"]	818
36. 16-35 (OR)	391827

Combined sets

37.	15 and 36	6717
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Final result

38.	37.	CDSR/113
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The final search result, usually found at the end of the documentation, forms the list of abstracts.

:au = Author; **MeSH** = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy; **this term only** = Does not include terms found below this term in the MeSH hierarchy; **:ti** = Title; **:ab** = Abstract; **:kw** = Keyword; * = Truncation; " " = Citation Marks; searches for an exact phrase; **CDSR** = Cochrane Database of Systematic Review; **Cochrane Protocols** = Protocols of systematic reviews registered in Cochrane Library; **CENTRAL** = Cochrane Central Register of Controlled Trials, "trials"; ? = replaces one letter; **NEAR/n** = Requests terms that are within 'n' words of each other in either direction; **NEXT/n** = Requests terms that are within 'n' words of each other in the order specified

Embase via Elsevier 8 February 2024

Systematic reviews on the link between mental health or illness and oral health and/or dental care

Search terms	Items found
Dental care/ oral health/ temporomandibular joint disorders:	
1. 'mouth disease'/exp or 'mouth hygiene'/exp or 'stomatognathic system'/exp or 'dentistry'/exp or 'tooth disease'/exp or 'dental procedure'/exp or 'dental education'/exp or 'oral surgery'/exp or 'jaw malformation'/exp or 'jaw disease'/exp	1393596
2. dental:ti OR dentist*:ti OR jaw:ti OR mouth*:ti OR orofacial:ti OR teeth:ti OR tooth:ti	283923
3. (dental) NEAR/2 (care or disease* or disorder* or health or intervent* or need* or practice* or service* or status or treatment))	90242
4. (oral) NEAR/2 (care or disease* or disorder* or health or intervent* or need* or practice* or service* or status or treatment))	144170
5. 1-4 (OR)	1521032
Psychiatric care /psychiatric illness/psychological well-being	
6. 'mental disease'/exp OR 'mental health'/exp OR 'emotion'/exp/mj OR 'mental patient'/exp OR 'mental deficiency'/exp OR 'intellectual impairment'/exp OR 'psychiatric treatment'/exp OR 'mental health service'/exp OR 'psychiatric department'/exp OR 'quality of life'/exp	3927343
7. anxiety:ti OR depress*:ti OR 'quality of life':ti OR mental:ti OR mentally:ti OR psychiatr*:ti OR psycholog*:ti	824,604
Adverse effects of pharmacological drug use in psychiatric care	
8. ('psychotropic agent'/exp or 'neuroleptic agent'/exp or 'cholinergic receptor blocking agent'/exp or 'central stimulant agent'/exp or 'benzodiazepines'/exp or 'lithium chloride'/exp) AND 'adverse drug reaction'/exp	114294
Study types: systematic reviews and meta-analyses	
9. (('systematic review'/de OR 'meta analysis'/de OR [cochrane review]/lim OR 'biomedical technology assessment'/de OR (((systematic* NEAR/4 review*) OR (systematic* NEAR/4 bibliographic*) OR (systematic* NEAR/4 literature) OR (comprehensive* NEAR/4 literature) OR (comprehensive* NEAR/4 bibliographic*) OR (integrative NEAR/4 review) OR meta-analy* OR metaanaly* OR (information NEAR/3 synthesis) OR (data NEAR/3 synthesis) OR (data NEAR/3 extract*)) OR (medline OR pubmed OR psyclit OR cinahl OR (psycinfo NOT 'psycinfo database') OR 'web of science' OR scopus OR embase)):ti,ab) OR (('systematic overview*' OR 'systemic review*' OR 'scoping review' OR 'scoping literature review' OR 'mapping review' OR 'umbrella review*' OR ('review of reviews' OR 'overview of reviews') OR meta-review OR ('integrative overview' OR meta-synthesis OR metasyntesis OR 'quantitative review' OR 'quantitative synthesis' OR meta-ethnography OR 'research synthesis') OR 'systematic literature search' OR 'systematic literature research' OR 'evidence-based review' OR 'evidence synthesis'):ti) OR (('research overview*' OR 'collaborative review*' OR 'collaborative overview*' OR 'technology assessment*' OR 'technology overview*' OR 'technology appraisal*' OR hta OR htas OR 'methodological overview*' OR 'methodologic overview*' OR 'methodological review*' OR 'methodologic review*' OR 'quantitative overview*'):ti,ab)) NOT ('case report'/de OR 'editorial'/it OR 'letter'/it OR 'note'/it))	917841
Combined sets/Limits	
10. 6 or 7 or 8	4115328

11. 5 and 10 and 9 AND [embase]/lim NOT ([embase]/lim AND [medline]/lim) AND ([danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim) AND [article]/lim 460

Final result

12.	11.	460
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The final search result, usually found at the end of the documentation, forms the list of abstracts.

/de = Term from the EMTREE controlled vocabulary; **/exp** = Includes terms found below this term in the EMTREE hierarchy; **/mj** = Major Topic; **:ab** = Abstract; **:au** = Author; **:kw** = Author keyword ; **:ti** = Article Title; **:ti,ab** = Title or abstract; ***** = Truncation; **' '** = Citation Marks; searches for an exact phrase; **NEAR/n** = Requests terms that are within 'n' words of each other in either direction; **NEXT/n** = Requests terms that are within 'n' words of each other in the order specified; **\$** = replaces one or no letters; **?** = replaces one letter

Medline via OvidSP 1 February 2024

Systematic reviews on the link between mental health or illness and oral health and/or dental care

Search terms	Items found
Dental care/ oral health/ temporomandibular joint disorders:	
1. exp Oral Health/	20920
2. exp Oral Hygiene/	21097
3. exp stomatognathic diseases/	581444
4. exp Dentistry/	438051
5. exp Comprehensive Dental Care/	654
6. exp Public Health Dentistry/	37393
7. exp Dental Health Services/	40334
8. exp Jaw Abnormalities/	32088
9. exp Temporomandibular Joint Disorders/	19162
10. exp Jaw Diseases/	106821
11. dental service, hospital/	2021
12. (dental or dentist* or jaw or mouth* or orofacial or teeth or tooth).ti.	280409
13. (dental adj2 (care or health or intervent* or need* or practice* or service* or status or treatment)).ti,ab.	53017
14. (oral adj2 (disease* or disorder* or health* or status)).ti,ab.	46910
15. 1-14 (OR)	980797
Psykiatric care /psychiatric illness/psychological well-being	
16. exp Mental Disorders/	1461884
17. exp Mental health/	65196
18. exp Emotions/	421512
19. exp Behavioral Symptoms/	448591
20. exp Mentally Ill Persons/	6450
21. exp Persons with Mental Disabilities/	3705
22. exp Intellectual Disability/	106570
23. exp Psychiatry/	111378
24. exp Mental Health Services/	106685
25. psychiatric department, hospital/	7018
26. exp "Quality of Life"/	281664
27. exp Substance-Related Disorders/	314860
28. substance abuse treatment centers/	5426
29. (anxiety or depress* or "quality of life" or mental or mentally or psychiatr* or psycholog*).ti,ab.	1725082
Adverse effects of pharmacological drug use in psychiatric care	
30. exp psychotropic drugs	398010
31. exp Antipsychotic Agents	129508
32. exp Cholinergic Antagonists	87011
33. exp Central Nervous System Stimulants	103865

34.	exp Benzodiazepines	70241
35.	exp Lithium	23777
36.	16-35 (OR)	3147354

Study types: systematic reviews and meta-analyses

37.	(Systematic Review/ or Meta-Analysis/ or Cochrane Database Syst Rev.ja. or Meta-Analysis as Topic/ or Network Meta-Analysis/ or Technology Assessment, Biomedical/ or Systematic Reviews as Topic/ or ((systematic* adj4 review*) or (systematic* adj4 bibliographic*) or (systematic* adj4 literature) or (comprehensive* adj4 literature) or (comprehensive* adj4 bibliographic*) or (integrative adj4 review) or (integrative adj4 review) or (meta-analy* or metaanaly*) or (information adj3 synthesis) or (data adj3 synthesis) or (data adj3 extract*) or (medline or pubmed or psyclit or cinahl or (psycinfo not psycinfo database) or web of science or scopus or embase)).ab,bt,ti. or (systematic overview* or systemic review* or scoping review or scoping literature review or mapping review or umbrella review* or review of reviews or overview of reviews or meta-review or integrative overview or meta-synthesis or metasynthesis or quantitative review or quantitative synthesis or meta-ethnography or research synthesis or systematic literature search or systematic literature research or evidence-based review or evidence synthesis).bt,ti. or (research overview* or collaborative review* or collaborative overview* or technology assessment* or technology overview* or technology appraisal* or hta or htas or methodological overview* or methodologic overview* or methodological review* or methodologic review* or quantitative overview*).ab,bt,ti.) NOT (Editorial/ or Letter/ or Case Reports/)	681639
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Combined sets/Limits

38.	15 and 36 and 37 limit to (danish or english or norwegian or swedish)	2452
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Final result

39.	38.	2452
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The final search result, usually found at the end of the documentation, forms the list of abstracts.

.ab. = Abstract; **.ab,ti.** = Abstract or title; **.af.** = All fields; **.bt.** = Book title; **exp** = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy; **.fs.** = Floating sub-heading, does not include terms found below this term in the MeSH hierarchy; **.kf.** = Author keyword; **.sh.** = Term from the Medline controlled vocabulary; **.ti.** = Title; **.xs.** = Floating sub-heading, includes terms found below this term in the MeSH hierarchy; **/** = Term from the Medline controlled vocabulary, but does not include terms found below this term in the MeSH hierarchy; ***** = Focus (if found in front of a MeSH-term); *** or \$** = Truncation (if found at the end of a free text term); **.mp.** = Text, heading word, subject area node, title; **" "** = Citation Marks; searches for an exact phrase; **adjn** = Positional operator that lets you retrieve records that contain your terms (in any order) within a specified number (n) of words of each other; **?** = replaces one or no letters; **#** = replaces one letter