



Betydelsen av arbetsrelaterad stress för temporomandibulär dysfunktion (smärta och funktionsstörningar i käksystemet), rapport 364 (2023)

Bilaga 1 Litteratursökning/Appendix 1 Search strategies

Multi-database searching: CINAHL with Full Text, Psychology and Behavioral Sciences Collection, APA PsycInfo via EBSCO
7 February 2023

Title: Temporomandibular dysfunction

Search terms	Items found
Population: Craniomandibular Disorders	
1. TI ((craniofacial* OR craniofascial* OR craniomandibular* OR "cranio mandibular*" OR facial* OR fascial* OR myofacial* OR myofascial* OR orofacial* OR ofofascial* OR temporomandibul* OR "temporo mandibul*") N3 (arthralgi* OR disease* OR disorder* OR dysfunction* OR myalgi* OR neuralgi* OR pain* OR polyarthralgi* OR syndrom*)) OR AB ((craniofacial* OR craniofascial* OR craniomandibular* OR "cranio mandibular*" OR facial* OR fascial* OR myofacial* OR myofascial* OR orofacial* OR ofofascial* OR temporomandibul* OR "temporo mandibul*") N3 (arthralgi* OR disease* OR disorder* OR dysfunction* OR myalgi* OR neuralgi* OR pain* OR polyarthralgi* OR syndrom*)) OR SU ((craniofacial* OR craniofascial* OR craniomandibular* OR "cranio mandibular*" OR facial* OR fascial* OR myofacial* OR myofascial* OR orofacial* OR ofofascial* OR temporomandibul* OR "temporo mandibul*") N3 (arthralgi* OR disease* OR disorder* OR dysfunction* OR myalgi* OR neuralgi* OR pain* OR polyarthralgi* OR syndrom*))	18,426
2. TI ("burning mouth" OR tmd) OR AB ("burning mouth" OR tmd) OR SU ("burning mouth" OR tmd)	4,147
3. 1 or 2	19,670
Setting: Workplace	
4. TI (employe* OR job* OR labor* OR labour* OR manpower OR occupation* OR personnel OR profession* OR staff* OR vocation* OR work*) OR AB (employe* OR job* OR labor* OR labour* OR manpower OR occupation* OR personnel OR profession* OR staff* OR vocation* OR work*) OR SU (employe* OR job* OR labor* OR labour* OR manpower OR occupation* OR personnel OR profession* OR staff* OR vocation* OR work*)	3,389,144
5. SO (ergon* OR occup* OR work*)	270,303
6. 4 OR 5	3,455,559
Exposure: Occupational Stress	
7. TI (anxie* OR anxious* OR biopsych* OR burden* OR burnout OR "burn out" OR demand* OR depress* OR distress* OR exhaust* OR fatigue OR load* OR mental* OR "social support" OR stress* OR strain* OR psych*) OR AB (anxie* OR anxious* OR biopsych* OR burden* OR burnout OR "burn out" OR demand* OR depress* OR distress* OR exhaust* OR fatigue OR load* OR mental* OR "social support" OR stress* OR strain* OR psych*) OR SU (anxie* OR anxious* OR biopsych* OR burden* OR burnout OR "burn out" OR demand* OR depress* OR distress* OR exhaust* OR fatigue OR load* OR mental* OR "social support" OR stress* OR strain* OR psych*)	4,714,169
Combined sets:	
8. 3 AND 6 AND 7	727
Final result	
9.	727 (652)

AB = Abstract; SU = Searches for a part of or an entire subject heading; TI = Title; SO = Publication Name; * = Truncation; " " = Citation Marks; searches for an exact phrase; 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

Medline via OvidSP 7 February 2023

Title: Temporomandibular dysfunction

Search terms	Items found
Population: Craniomandibular Disorders	
1. exp Craniomandibular Disorders/	18,916
2. Facial Pain/	7,051
3. Facial Neuralgia/	1,280
4. Burning Mouth Syndrome/	1,128
5. ((craniofacial* or craniofascial* or craniomandibular* or cranio mandibular* or facial* or fascial* or myofacial* or myofascial* or orofacial* or orofascial* or temporomandibul* or temporo mandibul*) adj3 (arthralgi* or disease* or disorder* or dysfunction* or myalgi* or neuralgi* or pain* or polyarthralgi* or syndrom*)).ti,ab,kf,bt.	28,922
6. (burning mouth or tmd).ti,ab,kf,bt.	9,394
7. or/1-6	45,805
Setting: Workplace	
8. exp Work/	69,746
9. exp Workforce/	80,414
10. Women, Working/	5,580
11. exp Employment/	98,457
12. Occupational Health/	36,385
13. Occupational Exposure/	60,064
14. Accidents, Occupational/	17,853
15. exp Occupational Groups/	707,203
16. Occupations/	24,516
17. Occupational Diseases/	86,078
18. Job Satisfaction/	28,237
19. (employe* or job* or labor* or labour* or manpower or occupation* or personnel or profession* or staff* or vocation* or work*).ti,ab,kf,bt.	3,631,418
20. (ergon* or occup* or work*).jw.	109,791
21. or/8-20	4,204,673
Exposure: Occupational Stress	
22. exp Stress, Psychological/	150,814
23. exp Emotions/	398,340
24. exp Mental Disorders/	1,411,070
25. Social Support/	78,048
26. (anxie* or anxious* or biopsych* or burden* or burnout or burn out or demand* or depress* or distress* or exhaust* or fatigue or load* or mental* or social support or stress* or strain* or psych*).ti,ab,kf,bt.	4,489,171
27. or/22-26	5,364,845
Additional combinations	
28. exp Occupational Stress/	19,635
29. 7 and 28	6
30. exp Craniomandibular Disorders/px [Psychology]	1,079
31. 21 AND 30	115
Combined sets	
32. 7 AND 21 AND 27	1,118
33. 29 OR 31 OR 32	1,136
Final result	
34.	1,136

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

.ab. = Abstract; **.bt.** = Book title; **exp** = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy; **.kf.** = Author keyword; **.ti.** = Title; **/** = Term from the Medline controlled vocabulary, but does not include terms found below this term in the MeSH hierarchy; ***** = Truncation (if found at the end of a free text term); **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; **.jw.** = Journal Word

Scopus via Elsevier 7 February 2023

Title: Temporomandibular dysfunction

Search terms	Items found
Population: Craniomandibular Disorders	
1. TITLE-ABS-KEY ((craniofacial* OR craniofascial* OR craniomandibular* OR "cranio mandibular*" OR facial* OR fascial* OR myofacial* OR myofascial* OR orofacial* OR orofascial* OR temporomandibul* OR "temporo mandibul*") W/3 (arthralgi* OR disease* OR disorder* OR dysfunction* OR myalgi* OR neuralgi* OR pain* OR polyarthralgi* OR syndrom*))	56,575
2. TITLE-ABS-KEY ("burning mouth")	2,088
3. 1 OR 2	58,295
Setting: Workplace	
4. TITLE-ABS-KEY (employe* OR job* OR labor* OR labour* OR manpower OR occupation* OR personnel OR profession* OR staff* OR vocation* OR work*)	13,266,155
5. SRCTITLE (ergon* OR occup* OR work*)	672,567
6. 4 OR 5	13,645,391
Exposure: Occupational Stress	
7. TITLE-ABS-KEY (anxie* OR anxious* OR biopsych* OR burden* OR burnout OR "burn out" OR demand* OR depress* OR distress* OR exhaust* OR fatigue OR load* OR mental* OR "social support" OR stress* OR strain* OR psych*)	13,120,522
Combined sets	
8. 3 AND 6 AND 7	1,750
Final result	
9.	1,750

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

TITLE-ABS-KEY = Title or abstract or keywords; **W/n** = "Within". The terms in the search must be within a specified number of terms (n) in any order.; * = Truncation; " " = Citation Marks; searches for a phrase

Scopus via Elsevier 7 February 2023

Title: Temporomandibular dysfunction

Articles used for a reference and citation search:

1. Aranha RLDB, Martins RDC, De Aguilar DR, Moreno-Drada JA, Sohn W, Martins CDC, et al. Association between Stress at Work and Temporomandibular Disorders: A Systematic Review. *BioMed Res Int* 2021;2021.
2. van Selms MKA, Wiegers JW, van der Meer HA, Ahlberg J, Lobbezoo F, Visscher CM. Temporomandibular disorders, pain in the neck and shoulder area, and headache among musicians. *J Oral Rehabil* 2020;47(2):132-142.
3. van Selms MKA, Wiegers JW, Lobbezoo F, Visscher CM. Are vocalists prone to temporomandibular disorders? *J Oral Rehabil* 2019;46(12):1127-1132.
4. Tay KJ, Yap AU-, Wong JCM, Tan KBC, Allen PF. Associations between symptoms of temporomandibular disorders, quality of life and psychological states in Asian Military Personnel. *J Oral Rehabil* 2019;46(4):330-339.
5. Gayathri M, Duraisamy R, Kumar MPS. Effects of stress on oral health among information technology professionals in chennai. *Drug Invent Today* 2018;10(8):1468-1473.
6. Han W, Kwon S-, Lee Y-, Park C, Jang E-. The associations between work-related factors and temporomandibular disorders among female full-time employees: Findings from the Fourth Korea National Health and Nutrition Examination Survey IV (2007-2009). *Ann Occup Environ Med* 2018;30(1).
7. Amalina FN, Tanti I, Maxwell D. The relationship between temporomandibular disorder and work stress in type C private hospital nurses. *J Stomatol* 2018;71(3):249-253.
8. Saruhanoğlu A, Gökçen-Röhlig B, Saruhanoğlu C, Öngül D, Koray M. Frequency of temporomandibular disorder signs and symptoms among call center employees. *Cranio J Craniomandibular Prac* 2017;35(4):244-249.
9. Amorim MIT, Jorge ALL. Association between temporomandibular disorders and music performance anxiety in violinists. *Occup Med* 2016;66(7):558-563.
10. Martins RJ, Saliba-Garbin CA, Cândido NB, Ísper Garbin AJ, Saliba Roviada TA. Prevalence of temporomandibular disorders among industrial workers. Association with stress and sleep disorder. *Rev Salud Publica* 2016;18(1):142-151.
11. Emodi Perelman A, Eli I, Rubin PF, Greenbaum T, Heiliczzer S, Winocur E. Occupation as a potential contributing factor for temporomandibular disorders, bruxism, and cervical muscle pain: A controlled comparative study. *Eur J Oral Sci* 2015;123(5):356-361.
12. Nishiyama A, Kino K, Sugisaki M, Tsukagoshi K. Influence of psychosocial factors and habitual behavior in temporomandibular disorder-related symptoms in a working population in Japan. *Open Dent J* 2012;6(1):240-247.
13. Rantala MAI, Ahlberg J, Suvinen TI, Nissinen M, Lindholm H, Savolainen A, et al. Temporomandibular joint related painless symptoms, orofacial pain, neck pain, headache, and psychosocial factors among non-patients. *Acta Odontol Scand* 2003;61(4):217-222.