



Leaders in Occlusion and TMD

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# Scientific Investigation Committee

## 2014 Abstract Review

Parameters of the search for new articles:  
11/1/2013- 11/1/2014

PubMed Data Base Search: dental occlusion OR  
temporomandibular joint disorders OR centric relation  
OR occlusal splints OR occlusal adjustment OR tooth  
abrasion OR bruxism AND 2014[dp] AND english[la]  
Filters: dental journals

## Search Results:

Search yielded 420 articles (343 in 2013)

21 articles had no abstracts and were not followed up on.

4,17,18,19,20,116,125,148,161,169,172,198,199,200,203,209, 210,211,226,341,361

13 articles had no abstracts and were followed up on and included.

1,55,91,132,168,249,274,275,276,322,340,341,344

**Total evaluated: 399 (314 in 2013)**

96 were retrieved. 1,13,28,29,39,48,51,52,53,54,55,59,67,82,90,91,97,102,105,  
112,113,114,126,127,132,133,174,177,191,205,206,208, 212,  
215,216,222,229,233,234,237, 243,245,248,256, 262,  
265,266,268,272,273,274,275,276,277,278,287,288, 296,310, 322,323,  
326,327,328,332,333,338,339,340,342,343,344, 347,  
348,349,348,349,352,357,360,364,375,381,382,384, 386 ,388,389,390,391,397,398,398,  
399,406,409,418

# LEVELS OF EVIDENCE

- I. Meta analysis/ systematic review of RCT's
- II. RCT
- III. Controlled trial without randomization
- IV. Case-Controlled/Cohort
- V. System. review of Quantitative Studies or Descriptive
- VI. Qualitative or Descriptive Studies
- VII. Opinion/Editorial/Case Report/Product
- VIII. Animal/In vitro/Finite Element

Level I: Evidence from a systematic review of all relevant randomized controlled trials (RCT's), or evidence-based clinical practice guidelines based on systematic reviews of RCT's  
Level II: Evidence obtained from at least one well-designed Randomized Controlled Trial (RCT)

Level III: Evidence obtained from well-designed controlled trials without randomization, quasi-experimental

Level IV: Evidence from well-designed case-control and cohort studies  
Level

V: Evidence from systematic reviews of descriptive and qualitative studies

Level VI: Evidence from a single descriptive or qualitative study

Level VII: Evidence from the opinion of authorities and/or reports of expert committees  
Above information from "Evidence-based practice in nursing & healthcare: a guide to best practice" by Bernadette M. Melnyk and Ellen Fineout-Overholt. 2005, page 10.

## LEVELS OF EVIDENCE

- I. (5) Meta analysis/ systematic review of RCT's
- II. (20) RCT
- III. (9) Controlled trial without randomization
- IV. (39) Case-Controlled/Cohort
- V. (11) System. review of Quantitative Studies or Descriptive
- VI. (119) Qualitative or Descriptive Studies
- VII. (163) Opinion/Editorial/Case Report/Product
- VIII.(33) Animal/In vitro/Finite Element

*Systematic Reviews RCT's/Meta analysis:*

97,164,277,342,389

*RCT's:*

66,75,76,98,113,171,173,185,187,189,191,192,  
215,220,258,267,269,278,281,297

*Systematic Reviews*

*Qualitative/Descriptive*.3,4,178,179,229,241,248,288,309,359, 375

# Dental Disciplines:

Note: Bold-faced numbers are articles that are probably of greater interest. Red numbers are free articles

Anatomy 2,25,180,366

Appliances 1,19,50,**51,52,53,59**,83,87,90,105,112,126,  
143,147,154,191,202,237,256,265,272,294,302,  
303,310,313,407,411,415

Botox 184,249,420

Bruxism/Clench 3,19,**28,31**,34,45,100,103,**154**,160,187,189,  
**194**,232,233,244,247,266,268,280,301,309,311,  
337,357,367,372,374,377,385



## Diagnosis (TMD/OP, Oral Medicine)

2,10,22,24,27,22,28,29,39,51,52,53,54,55,59,67,91,92,94,96,97,98,102,105,110,111,112,113,114,115,126,127,135,140,143,147,149,154,156,159,163,177,179,185,188,189,190,191,192,193,194,208,212,221,225,232,208,212,221,225,232,239,247,262,263,264,266,268,270,273,278,280,286,289,291,296,299,302,303,313,321,323,328,331,332,336,339,340,343,357,359,360,363,369,375,379,385,392,399,400,401,402,403,407,409,417,418

Education 104,192,349,343,360

Endodontics 32,89,175

Epidemiology 28,39,110,127,190,247,261,294,368,399

Fixed Prosth	12,23,47,49,50,86,89, <b>109</b> ,128,130,150,158,183, 195, <b>243</b> , <b>248</b> ,252, <b>272</b> , <b>293</b> ,306, <b>310</b> ,330
Imaging	2, <b>8</b> , <b>29</b> ,47,61,73, <b>82</b> , <b>88</b> , <b>92</b> , <b>133</b> ,139, <b>149</b> ,156, <b>159</b> , 168, <b>177</b> ,205,206, <b>239</b> ,240, <b>242</b> , <b>328</b> , <b>332</b> , <b>339</b> , <b>340</b> , <b>363</b> , <b>364</b> , <b>370</b> ,374, <b>390</b> , <b>395</b>
Implants	<b>1</b> ,12, 19,20,38,42,45,47,56, <b>64</b> ,68,71,72,73, <b>80</b> , 81,86,130,152,153,158,160,161, <b>251</b> 219, <b>250</b> , <b>251</b> , <b>277</b> ,279,305,324,354,362, <b>396</b> , <b>397</b> , <b>398</b>
Mastication	<b>39</b> , <b>48</b> ,62,108, <b>113</b> , <b>114</b> ,117,151,171, <b>174</b> ,207, <b>264</b> , 298,300, <b>420</b>
Materials	<b>5</b> ,6, <b>33</b> ,34,35,36,37, <b>77</b> ,84,89,145,162,195,234, <b>272</b> , <b>293</b> ,304,306, <b>309</b> ,312,346, <b>355</b> ,356, <b>380</b>

Misc (Genetics **388**, Geriatrics **261**,307, Joint rebuilding **391**,409,**419**, Smile Perception 384,404, Trauma **392**,**415**, Whiplash **359**)

Neuromuscular **51**,111,178,352,**411**

NCCL/Erosion/TW 4,**8**,35,36,**39**,40,46,65,**77**,119,120,  
121,122,123,124,183,**241**,260,282,**283**,  
308,319,326,**355**,365,373,**376**,**378**,**387**

Occlusion **5**,**8**,**13**,23,**28**,40,48,**51**,**52**,61,62,75,109,  
109,111,**112**,115,**126**,**127**,129,**132**,  
150,155,161,162,168,171,173,191,**222**,  
**236**,**247**,**256**,260,**261**,**266**,**268**,**273**,282,  
**286**,300,302,307,308,**310**,325,**332**,  
**338**,**340**,353,356,358,366,**378**,**380**,381,  
**387**,**388**,**398**,400,406,410

Occlusal Adj/Equil 13,23,**111**,**215**,**248**,**272**

Oral Surgery 10,11, 16, 30,38,41,57,63,86,99,101,**118**, 131,134,  
136,138,140,141,153,156,157,163,170,179,186,  
**193**,196,197,214,214,**222**,**224**,235,238,**243**,253,  
255,259,**262**,**281**,284,285,**288**,294,314,316,320,  
329,330,**333**,334,**345**,349,362,**363**,366,383,**390**,  
**392**,393,**396**,404,**405**,408,**409**,**413**,414,**415**,416,  
417,**419**

Orthodontics 11,21,26,30,41,49,56,57,60,66,68,69,70,78,85,  
86,87,88,92,129,131,**133**,134,135,136,137,138,  
139,141,142,144,165,166,167,168,186,201, 213,  
214,**215**,**216**,217,**222**,228,235,**237**,**243**,245,246,  
252,253,254,**258**,258,**262**,**288**,314,315,316,317,  
318,320,**310**,**333**,335,**338**,**347**,**348**, **364**,366,**379**,  
383,**384**,**386**,394,**395**,**405**,**412**,**413**,416

Pain **54,67,70,78,95,96,100,101,113,184,193,266,267,269,400**

Pedodontics 6,7,9,10,11,41,76,77,78,82,83,84,85,120,139,140,142,155,187,217,231,**233,237,239,244,264**,294, 313, 315,316,325, **364**,366,373,401,410,**415**,416

Periodontics 38,72,86,164,175,213,**215,257,262**,279,335

Pharmacology **53**,101,105,184,187,**204,286**

PT 113,178,181,**267,269,271,359,407**

Psych-Self-help 40,94,**97,98**,129,258,**287**,290,**342,382,389**

Restorative	5,6,9,33,35,41,42,76,77,89,111,125,128, 145,158,220,222,223,227,230,220,222, 223,227,230,241,248,272,282,304,306, 308,309,312,310,324,355,380
Removable Prosth	43,44,47,50,58,64,93,152,182,218,219, 234,236,257,292,293,295,305,307,327, 346,349,365,371
Sleep Dentistry	3,18,31,52,103,143,176,197,232,233, 244,301,310,367,372,377,385
Tech	26,47,103,107,109,125,128,145,186, 205,206,208,255,299,328,330,336,357, 367,385,400,419

17 of the 399 articles support  
appliance/occlusal therapy in the  
treatment of TMD

28, **51, 52, 53**, 105, 111, 112, 126,  
135, 154, 191, 222, 247, 265, 302,  
310, 406

5 of the 399 articles did  
not support  
appliance/occlusal  
therapy for the  
treatment of TMD

**97,143,289,333,342,389**



12 of the 399 articles were  
“definite maybes” on  
supporting  
appliance/occlusal therapy  
for the treatment of TMD

39, **54**, 59, 127, 266, 268, 273,  
286, 288, 333, 353, 407

366/399 Articles in the  
Electronic Search did not  
Support or Reject  
Appliance/Occlusal Therapy

## Cranio

27,28,29,111,112,113,114,115,116,176,177,  
178,179,180,181,265,266,267,268,269,270,  
271,272,273,274 *(total 25)*

## JOFPH

3,97,185,188,189,190,191,192,342,343,344  
*(total 11)*

## JPD

128,145,195,241,365,407 *(total 6)*

## Free Articles

8,31,33,51,52,53,54,55,64,79,80,194,212,234,  
243,287,288,326,327,347,348,349,351,397,  
398,399 *(total 26)*

# JOURNAL CALIFORNIA DENTAL ASSOCIATION

- #51 Physiologic Neuromuscular Dentistry – Prabu Raman
- #52 Airway Centric Philosophy – Michael Gelb
- #53 TMD Orthopedics “with Anterior Repositioning Appliances and Injection Therapies” H. Clifton Simmons III
- #54 Biopsychosocial Approach - “Human Systems Approach” James Friction

# 2014 AES LITERATURE HIGHLIGHTS

#360 Expanding the taxonomy of the diagnostic criteria for temporomandibular disorders. Peck CC, Goulet JP, Lobbezoo F, Schiffman EL, Alstergren P, Anderson GC, de Leeuw R, Jensen R, Michelotti A, Ohrbach R, Petersson A, List T. J Oral Rehabil. 2014 Jan;41(1):2-23.

- Harmonizing of (RDC/TMD) and AAOP Classification systems
- Of 56 disorders considered, 37 were included
- Centrally Mediated Myalgia and myofascial pain with limited opening- out.
- Myalgia has three distinct subcategories: local myalgia, myofascial pain, myofascial pain with referral
- DDwR and intermittent locking & subluxation - new
- Osteoarthritis and osteoarthrosis subclasses of DJD
- “Headache attributed to TMD” - new Axis I diagnostic classification
- **Movement disorders: orofacial dyskinesia & oromandibular dystonia**
- Bruxism still not included

#343 Diagnostic Criteria for Temporomandibular Disorders (DC/TMD) for Clinical and Research Applications: recommendations of the International RDC/TMD Consortium Network\* and Orofacial Pain Special Interest Group†.

Schiffman E, Ohrbach R, Truelove E, Look J, Anderson G, Goulet JP, List T, Svensson P, Gonzalez Y, Lobbezoo F, Michelotti A, Brooks SL, Ceusters W, Drangsholt M, Ettlin D, Gaul C, Goldberg LJ, Haythornthwaite JA, Hollender L, Jensen R, John MT, De Laat A, de Leeuw R, Maixner W, van der Meulen M, Murray GM, Nixdorf DR, Palla S, Petersson A, Pionchon P, Smith B, Visscher CM, Zakrzewska J, Dworkin SF; International RDC/TMD Consortium Network, International association for Dental Research; Orofacial Pain Special Interest Group, International Association for the Study of Pain.

J Oral Facial Pain Headache. 2014 Winter;28(1):6-27.



- Based on the biopsychosocial model of pain
- Harmonizing of (RDC/TMD) and AAOP Classification systems
- **Universality, Clinically useful, improved validity**
- Reliable but...some **validity concerns.**

# AXIS I CHANGES

- The diagnostic algorithms in the new DC/TMD for arthralgia and myalgia now include criteria for **modification of pain by function, movement, or parafunction**
- Pain from these provocation tests must replicate the patient's pain complaint.
- Palpation posterior mandibular region, submandibular region, lateral pterygoid, temporalis tendon - out
- “last 30 days” needed for inclusion
- Table 5 & 6 lists all the changes

- “A diagnosis of DD with reduction requires examiner detection of clicking, popping, or snapping noises during the examination”
- Diagnostic criteria for all intracapsular diagnoses but DDwoR with limited opening, “lacked adequate validity for clinical diagnoses, but can be used for screening purposes.”
- **“in selective cases, confirmation of a provisional clinical diagnosis requires imaging.”**

- **Diagnostic criteria for all intracapsular diagnoses but DDwoR with limited opening, “lacked adequate validity for clinical diagnoses, but can be used for screening purposes.”**
- The validity for the other disc displacements :  
DD wR had sensitivity of 0.34 (0.28, 0.41) and specificity of 0.92 (0.89, 0.94); DD wR with intermittent locking showed sensitivity of 0.38 (0.24, 0.54) and specificity of 0.98 (0.96, 0.99); and DDwoR without limited opening exhibited sensitivity of 0.54 (0.44, 0.62) and specificity of 0.79 (0.74, 0.83). The sensitivity of the recommended clinical criteria for DJD was 0.55 (0.47, 0.62) and specificity was 0.61 (0.56, 0.65).

## Axis II changes:

- Shorter forms, public domain, used by MD's
- Validity was already acceptable
- Screening forms are the same – 41 questions.
- New comprehensive instruments to assess jaw function as well as behavioral and additional psychosocial factors were added – 81 questions.

# 328 Validity of functional diagnostic examination for temporomandibular joint disc displacement with reduction. Marpaung CM, Kalaykova SI, Lobbezoo F, Naeije M. J Oral Rehabil. 2014 Apr;41(4):243-9.

- N=53, clinical examination and opto-electronic mandibular movement recordings vs MRI
- ADDwR was diagnosed in 27.6% of the TMJs clinically, in 15.2% using the movement recordings and in 44.8% on MRI. The specificity of the clinical examination for diagnosing ADDR was 81.0%, and of the movement recordings, 96.6%. The sensitivity was 38.3% and 29.8%, respectively.
- “In view of the fact that ADDR becomes clinically relevant only when it interferes with TMJ function, the functional diagnostic approach can be considered benchmark in ADDR recognition.”
- “false positives”

#159 Influence of the patient's clinical information on the diagnostic reproducibility and accuracy of MRI scans of temporomandibular joint pathologies.

Bisi M, Teixeira ER, Chaves KD, Silveira HE, Grossi ML.

Int J Prosthodont. 2014 May-Jun;27(3):245-9.

- 40 MRI's 7 pathologies & 7 TMJ board-certified TMD experts/oral surgeons - Brazil
- 5% to 60% correct positive diagnosis when compared with the radiologist's diagnoses (gold standard).
- Before and after clinical information was given did not matter.
- The interexaminer reproducibility (of same images) ranged from moderate to substantial ( $\kappa = 0.32$  to  $0.71$ ), and the intraexaminer reproducibility ranged from moderate to perfect ( $\kappa = 0.38$  to  $1.00$ )

# CBCT & DIAGNOSIS

- #339 CBCT and small osseous defect
- #205 CBCT and jaw tracking
- #370. CBCT at diff resolutions.
  - low and high resolution the same
  - Planmeca vs. Vatech



#363 De Boer EW, Dijkstra PU, Stegenga B, de Bont I Spijkervet FW. Value of cone-beam computed tomography in the process of diagnosis and management of disorders of the temporomandibular joint. Br J Oral Maxillofac Surg. 2014 Mar;52(3):241-6.

- N= 128 history, physical examination, pano
- primary diagnosis changed 32/128 patients (25%)
- additional diagnostic procedures were changed in 57/128 (45%)
- Treatment changed in 15/128 (12%) (in 4 the treatment was changed to a (minimally) invasive procedure).
- “A total of 74 patients (58%) had their diagnosis and management changed after the cone-beam CT had been assessed.”

# Appliances

#265. **Zonnenberg AJJ**, Mulder J, The efficacy of a specific stabilization splint, J Craniomandibular & Sleep Pract 2014:32(1)68-74

- Case Controlled Study
- **Tanner stabilization appliance and leaf gauge, exercises from a PT**
- N= 55 with DDwoR, 37 with limited opening (5 dropped out)
- N= 27 for normal control subjects
- 89.1% success rate at increasing opening  $\geq$  40mm
- Treatment period lasted less than 3 months (8.1%), for 13 patients, between 3 and 6 months (35.1%), and for 17 patients, between 6 and 12 months (45.9%), in total 89.1% within a year of splint treatment.
- 29/50 had “total resolution of signs and symptoms”, i.e. absence of pain and normal ROM Axis I, 50/50 self-proclaimed resolution

# Appliances

- Casares G, Thomas A, Carnona J, Acero J, Vila CN. Influence of oral stabilization appliances in intra-articular pressure of the temporomandibular joint. *Cranio*. 2014;32(3):219-23.
- 50 joints, 21 gauge needle
- “When an interocclusal appliance device was fitted, mean intra-articular pressure reduced its value by 31.24%,...” (P<0.001)

#154 Inglehart MR, Widman SE, Syriac PJ. Occlusal splints and quality of life - does the patient-provider relationship matter?

Oral Health Prev Dent. 2014;12(3):249-58

- 5% of these patients had never used their splint, 20% had used it in the past  
75% still used it at the time of data collection.
- Patients using the splint agreed more strongly that their current oral health status had improved, had more positive splint-related responses and more positive pain-related scores than patients who were no longer using the splint.
- The more patients agreed that they were satisfied with their provider, the more positively they evaluated their bite splints and the more positive was their pain-related scores.

## Occlusion

Hand Search - Dental malocclusion is not related to temporomandibular joint clicking: a logistic regression analysis in a patient population. **Manfredini D, Perinetti G, Guarda-Nardini L.** Angle Orthod 2014;84:310-315

- N= 442 TMD patients, 72% female, 32.2 ± 5.7 years, divided by clicking
- Post X-bite, OB, Openbite, OJ, Laterotrusive/working, mesiotrusive/balancing, RCP-MI ≥ 2 mm
- **Mesiotrusive P=.015 OR=1.63(1.09-2.42)**  
**RCP-MI P=.001 OR=1.89(1.27-2.79)      4.5% predictive**

Hand Search - Dental malocclusion is not related to temporomandibular joint clicking: a logistic regression analysis in a patient population. Manfredini D, Perinetti G, Guarda-Nardini L. Angle Orthod 2014;84:310-315

**Side specific predictors:**

**3.3% predictive**

- **Right = L laterotrusive, P=.029, OR=1.77(1.06-2.97)**

**R laterotrusive, P=.092, OR=0.66(0.33-1.08)**

**RCI-MI P=.052, OR=1.49(0.99-2.23)**

- **Left = RCP-M,I P=.006 OR 1.76(1.17-2.64)**

#28 Are occlusal features associated with different temporomandibular disorder diagnoses in bruxers? Manfredini D, Stellini E, Marchese-Ragona R, Guarda-Nardini . Cranio. 2014 Oct;32(4):283-8.

- N=294 TMD patients (73% females, mean age  $38.3 \pm 9.2$  years) who were positive for a clinical diagnosis of clenching-type bruxism
- Assessment Research Diagnostic Criteria for TMD (RDC/TMD) axis I,
- nine occlusal features
- **laterotrusive interferences, P = 0.033** (chi-square = 15.209)
- **slide from retruded contact position (RCP) to maximum intercuspation (MI)  $\geq 2$ , P = 0.012** (chi-square = 4.029)
- **molar class asymmetry, P = 0.015** (chi-square = 17.438).

#28 Are occlusal features associated with different temporomandibular disorder diagnoses in bruxers? Manfredini D, Stellini E, Marchese-Ragona R, Guarda-Nardini . Cranio. 2014 Oct;32(4):283-8.

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- Assessment Research Diagnostic Criteria for TMD (RDC/TMD) axis I,
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- laterotrusive interferences,  $P = 0.033$  (chi-square = 15.209)
- slide from retruded contact position (RCP) to maximum intercuspation (MI)  $\geq 2$ ,  $P = 0.012$  (chi-square = 4.029)
- molar class asymmetry,  $P = 0.015$  (chi-square = 17.438).
- **Multinomial regression analysis showed that the model including the various occlusal features account for 20.4% of the variance for RDC/TMD diagnoses (Nagelkerke  $R(2) = 0.204$ )**



#247 Risk factors associated with incidence and persistence of frequent headaches. Marklund S, Häggman-Henrikson B, Wänman A.  
Acta Odontol Scand. 2014 Nov;72(8):788-94.

- **280 dental students**, examined annually in a 2-year prospective study with a questionnaire and a clinical examination of the jaw function
- The 2-year **cumulative incidence** of frequent headaches was **21%**.

#247 Risk factors associated with incidence and persistence of frequent headaches. Marklund S, Häggman-Henrikson B, Wänman A.

Acta Odontol Scand. 2014 Nov;72(8):788-94.

- **Females (OR = 2.6; CI = 1.3-5.4), self-reported bruxism (OR = 2.3; CI = 1.2-4.4) and mandibular instability in intercuspal position (OR = 3.2; CI = 1.4-7.5)** were associated with incidence of frequent headaches.
- Persistent headaches during the observation period were present in 12 individuals (**4%**) and **significantly related to mandibular instability in intercuspal position (OR = 6.1; CI = 1.6-22.6)**.

#39 Does gum chewing increase the prevalence of temporomandibular disorders in individuals with gum chewing habits? Tabrizi R, Karagah T, Aliabadi E, Hoseini SA  
J Craniofac Surg. 2014 Sep;25(5):1818-21.

- N=200 Case-controlled, (gum =100, non= 100)
- Skeletal Class I, II, III
- 30/60/120/ min per day
- **Clicking (31% vs. 13%) and pain (27% vs. 11%) was statistically higher in the gum chewers than in the control group (P < 0.05).**

#39 Does gum chewing increase the prevalence of temporomandibular disorders in individuals with gum chewing habits? Tabrizi R, Karagah T, Aliabadi E, Hoseini SA  
J Craniofac Surg. 2014 Sep;25(5):1818-21.

### **Skeletal Class and gum chewing**

- **Class I – pain 12.3%, click 26.3%**
- **Class II – pain 50% (P< 0.001) click 36.7%**
- **Class III – pain 38.5%, click 38.5%**

#268 Jaw clenching effects in relation to two extreme occlusal features: patterns of diagnoses in a TMD patient population.

**Manfredini D, Vano M, Peretta R, Guarda-Nardini L.**

Cranio. 2014 Jan;32(1):45-50.

- TMD pts with **clenching**, (N= 45 study, N= 69 Class I controls, 75.5% females, mean age: 38.1 +/- 15.9 years)
- (RDC/TMD) axis I
- **OJ >5mm**
- **Anterior open bite**

#268 Jaw clenching effects in relation to two extreme occlusal features: patterns of diagnoses in a TMD patient population.

**Manfredini D, Vano M, Peretta R, Guarda-Nardini L.**

Cranio. 2014 Jan;32(1):45-50.

- **OJ & OB higher prevalence of multiple diagnoses (60% versus 43.3%), P=0.042**
- **Joint pain – higher (60% vs. 39.1%) P=0.026**
- **Muscle pain – Not (40% vs 39.1%) P= 0.926**

#268 Jaw clenching effects in relation to two extreme occlusal features: patterns of diagnoses in a TMD patient population.

**Manfredini D, Vano M, Peretta R, Guarda-Nardini L.**

Cranio. 2014 Jan;32(1):45-50.

**“All TMD signs and symptoms were more frequent in the patients with large overjet or anterior open bite with respect to the patients with normal occlusion.”**

#127 Prevalence of malocclusion, its association with occlusal interferences and temporomandibular disorders among the Saudi sub-population.

Haralur SB, Addas MK, Othman HI, Shah FK, El-Malki AI, Al-Qahtani MA.

Oral Health Dent Manag. 2014 Jun;13(2):164-9.

- N= 250, 15 – 35 years, 44.8% had severe to very severe malocclusions, 41.6% had TMD. 27.6% missing 1 ≤ anterior tooth
- TMD and balancing side interferences (p=0.000), slide RCP-ICP (p=0.001), less occlusal contacts (p=0.033), posterior missing teeth (P=0.015), maxillary overjet (P=0.016) , anterior openbite (0.034) , incisor spacing (P=0.039),.
- “Logistic regression analysis showed the strong association of TMD with anterior openbite, increased maxillary overjet, balancing-side interferences, and centric slide.”



# APPLIANCES VERSUS COUNSELING

#97 A systematic review and meta-analysis of usual treatment versus psychosocial interventions in the treatment of myofascial temporomandibular disorder pain. Roldán-Barraza C, Janko S, Villanueva J, Araya I, Lauer HC. J Oral Facial Pain Headache. 2014;28(3):205-22.

- “Usual tx = Splints + counseling (Rx?)
- “tailored tx” = DDS decided what combinations used for each px
- 12 included studies (n = 1,132 participants)
- 7 (n = 535 participants) “usual treatment”
- 5 studies (n = 597 participants) “tailored version”
- **“Conclusion: No evidence of differences in the clinical effectiveness of “usual treatment” and psychosocial interventions alone for myofascial TMD were found.”**

#389 A better definition of counselling strategies is needed to define effectiveness in temporomandibular disorders management. Manfredini D.

Evid Based Dent. 2013 Dec;14(4):118-9.

- 7 RCTs Counseling techniques, N= 489
- Results similar to splints, “could be” beneficial/conservative/low cost.
- “...evidence remains unclear due to the small number of controlled and randomized well-designed clinical trials. Thus, further studies with higher level of evidence and more representative samples should be conducted to validate the performance of this treatment modality.”

#389. Tailored Treatments in Temporomandibular Disorders: Where are we now? A Systematic Qualitative Literature Review. Kotiranta U, Suvinen T, Forssell H. J Oral Facial Pain Headache 2014;28(1):28-37

- 7 studies (2 with splint versus self-care)
- “The identified studies have provided cautious support to the notion that targeting treatments in TMD may be beneficial.”
- **Tversky et al = Combined therapy better than single therapy**

# Sleep

- **#310** mand adv appl sig improve in OSA and bruxism/clenching, but 24% could not wear due to TMJ/muscle pain/discomfort
- **#223** children who brux have increase respiratory problems
- **#266** TMD pts with/out HA  
Class III, big OJ, bruxiers, less sleep

# 143 Sjøholm T, Kauko T, Kemppainen P, Ruahala E.  
Long-term use of occlusal appliance has impact on sleep structure. J Oral Rehabil. 2014;41(11):795-800

- 14 bruxers (9 females and 5 males with mean age of 27.5 years).
- 43% bruxing increased
- 36% bruxing decreased
- 21%, there was no change
- “It is concluded that OA does not have significant feedback inhibition on masseter muscle motor activity during sleep.”

# RCT

- #267. Laser therapy over joints Cranio
- #269. Laser therapy for TMJ osteoarthritis Cranio
- #278. Esophageal acidification & masseters
- #297. self care

# Tissue regeneration

- #391. Failed alloplastic implants -  $\frac{3}{4}$  had fat grafts, all had 30+ mm of opening and no pain meds
- #409. Review of etiology, clinical management and tissue engineering strategies
- #418. PRP injection of TMJs of rabbits with surgically induced defects, significant new bone and increased fibrous and hyaline cartilage, but not significant



# Systematic reviews

- #277. narrow diameter implants
- #375. (Qualitative/Descriptive studies) closed lock and timing of treatment. Early seems best...evidence is poor.

# BEST CLINICAL TIPS/THINGS YOU THOUGHT YOU KNEW

- #272 Articulating paper marking and occlusal force vs computer
- #296. palpation force level
- #323. ability to judge wear on casts –not!
- #357. cell phone and clenching 20 daily prompts

# Recording condylar position

- #332. MI vs CR (gothic arch jigs) vs retruded contact position MRI- CR  
thickest posterior space/thinnest superior space

# Best ortho articles

- 215 AJODO contact on one side of bi for 4 weeks -> root resorption
- 216 AJODO Ext vs non ext
- 383 4 bi in bimax cases 31/35 variables same as “normal”
- 237 Juvenile idiopathic arthritis
- 245 Herbst
- 256 MRI adult females CR-CO <2mm
- 288 Class II surgery relapse and high angle

# Best occlusal restorative

- #262 smile esthetics - deficient gingival display worse Euro J Ortho
- #247 self-reporting of bruxism and occl
- #248 polishing enamel after occl adj
- #261 # of teeth not associated with TMD in geriatric (70+) - change in taste and bruxism

# ARTICLES SUPPORTING APPLIANCE /OCCLUSAL THERAPY- definite maybes

- #222 Kois
- #247 Dental students and occlusal instability
- #256 Adult females with 2+mm slides, MRI, splints Angle
- #266 Adult TMD w/HA wo/HA (what was tx?) Cranio
- #407 Tinnitus and TMD 8x higher in TMD group, 100% of patients with unilateral TMD had unilateral tinnitus
- #353 mice artificial occl interfer changes in TMJ

# WEIRDEST

- #388 Rats had molars removed and some with the occlusal support restored and affect on memory.

1. [Should occlusal splints be a routine prescription for diagnosed Bruxers undergoing implant therapy.](#)  
Grossi M.  
Int J Prosthodont. 2014 Sep-Oct;27(5):413-4. No abstract available.  
PMID: 25350991 [PubMed - indexed for MEDLINE]  
[Related citations](#)
2. [Bony deviations revealed by cone beam computed tomography of the temporomandibular joint in subjects without ongoing pain.](#)  
Bakke M, Petersson A, Wiesel M, Svanholt P, Sonnesen L.  
J Oral Facial Pain Headache. 2014 Fall;28(4):331-7. doi: 10.11607/ofph.1255.  
PMID: 25347168 [PubMed - in process]  
[Related citations](#)
3. [Sleep bruxism and sleep-disordered breathing: a systematic review.](#)  
De Luca Canto G, Singh V, Gozal D, Major PW, Flores-Mir C.  
J Oral Facial Pain Headache. 2014 Fall;28(4):299-305. doi: 10.11607/ofph.1294.  
PMID: 25347164 [PubMed - in process]  
[Related citations](#)
4. [New study: acidic drinks cause long-term damage within 30 seconds of consumption.](#)  
[No authors listed]  
J Calif Dent Assoc. 2014 Oct;42(10):679. No abstract available.  
PMID: 25345106 [PubMed - indexed for MEDLINE]  
[Related citations](#)
5. [An alternative adhesive based technique of raising the occlusal vertical dimension.](#)  
Nanda A, Jain V, Manak K, Verma M.  
Indian J Dent Res. 2014 Jul-Aug;25(4):505-8. doi: 10.4103/0970-9290.142549.  
PMID: 25307917 [PubMed - in process] **Free Article**  
[Related citations](#)
6. [Finite element analysis of different restorative materials in primary teeth restorations.](#)  
Sengul F, Gurbuz T, Sengul S.  
Eur J Paediatr Dent. 2014 Sep;15(3):317-22.  
PMID: 25306152 [PubMed - indexed for MEDLINE]  
[Related citations](#)
7. [Primary double teeth and their effect on permanent successors.](#)  
Zengin AZ, Celenk P, Gunduz K, Canger M.  
Eur J Paediatr Dent. 2014 Sep;15(3):309-12.  
PMID: 25306150 [PubMed - indexed for MEDLINE]  
[Related citations](#)
8. [Identification and adjustment of experimental occlusal interference using functional magnetic resonance imaging.](#)  
Oda M, Yoshino K, Tanaka T, Shiiba S, Makihara E, Miyamoto I, Nogami S, Kito S, Wakasugi-Sato N, Matsumoto-Takeda S, Nishimura S, Murakami K, Koga M, Kawagishi S, Yoshioka I, Masumi S, Kimura M, Morimoto Y.  
BMC Oral Health. 2014 Oct 10;14(1):124. doi: 10.1186/1472-6831-14-124.  
PMID: 25304016 [PubMed - in process] **Free PMC Article**



[Related citations](#)

9. [Aesthetic and functional rehabilitation of child using mock-up combined with stratified technique.](#)  
Lopes RG, Pinto MM, de Godoy CH, Motta LJ, Bortoletto CC, Olivan S, Bussadori SK.  
Eur Arch Paediatr Dent. 2014 Jul;15(2 Suppl):234-6.  
PMID: 25299027 [PubMed - indexed for MEDLINE]

[Related citations](#)

10. [Trismus-pseudocamptodactyly syndrome: a 20 year follow-up.](#)  
Marianetti TM, Dall'Asta L, Torroni A, Gasparini G, Pelo S.  
Eur Arch Paediatr Dent. 2014 Jul;15(2 Suppl):218-20.  
PMID: 25299023 [PubMed - indexed for MEDLINE]

[Related citations](#)

11. [Interceptive management for multiple eruption disturbances: a follow-up evaluation.](#)  
Pavoni C, Mucedero M, Paoloni V, Cozza P.  
Eur Arch Paediatr Dent. 2014 Jul;15(2 Suppl):191-4.  
PMID: 25299016 [PubMed - indexed for MEDLINE]

[Related citations](#)

12. [New method to increase inter-alveolar height with preservation of crestal cortical bone for implant treatment.](#)  
Etoz OA, Demetoglu U, Ocak H.  
J Oral Implantol. 2014 Oct;40(5):601-2. doi: 10.1563/AAID-JOI-D-12-00002.  
PMID: 25295890 [PubMed - indexed for MEDLINE]

[Related citations](#)

13. [Clinical remount and occlusal equilibration.](#)  
Zwetchkenbaum S.  
J N J Dent Assoc. 2014 Summer;85(3):24-5. No abstract available.  
PMID: 25291833 [PubMed - indexed for MEDLINE]

[Related citations](#)

14. [Dental and maxillofacial alterations in patients affected from odontochondrodysplasia: a rare case report and review of literature.](#)  
Inchingolo F, Derla C, Pacifici A, Cagiano R, Gargari M, Marrelli M, Amantea M, Inchingolo AM, Dipalma G, Signorini L, Pacifici L, Tatullo M.  
Oral Health Dent Manag. 2014 Sep;13(3):614-8.  
PMID: 25284522 [PubMed - in process]

[Related citations](#)

15. [Evaluation of pemphigus cases involving oral mucosa.](#)  
Karagöz G, Bektaş-Kayhan K, Ünür M.  
Oral Health Dent Manag. 2014 Sep;13(3):605-9.  
PMID: 25284520 [PubMed - in process]

[Related citations](#)

16. [Traumatic carotid-cavernous fistula in a multiple facial fractures patient: case report and literature review.](#)  
Schütz P, Bosnjakovic P, Abulhasan YB, Al-Sheikh T.  
Dent Traumatol. 2014 Dec;30(6):488-92. doi: 10.1111/edt.12139. Epub 2014 Oct 6.

PMID: 25283722 [PubMed - in process]

[Related citations](#)

17. [Applying foundational principles to digital technologies. Ensuring success in aesthetic dentistry.](#)  
Gürel G.  
Dent Today. 2014 May;33(5):144, 146, 148 passim. No abstract available.  
PMID: 25283049 [PubMed - indexed for MEDLINE]  
[Related citations](#)
18. [Treating obstructive sleep apnea. A manifest destiny for 21st century dentists.](#)  
Keropian B, Murphy NC, Yong M.  
Dent Today. 2014 Sep;33(9):138, 140-2. No abstract available.  
PMID: 25283032 [PubMed - indexed for MEDLINE]  
[Related citations](#)
19. [Are you prescribing bruxism appliances?](#)  
Malcmacher L.  
Dent Today. 2014 Sep;33(9):126-9. No abstract available.  
PMID: 25283030 [PubMed - indexed for MEDLINE]  
[Related citations](#)
20. [MAC and ZAC: clinical protocols for predictable implant aesthetics.](#)  
Karateew ED.  
Dent Today. 2014 Sep;33(9):90, 92, 94 passim. No abstract available.  
PMID: 25283025 [PubMed - indexed for MEDLINE]  
[Related citations](#)
21. [Comparative study of dental cephalometric patterns of Japanese-Brazilian, Caucasian and Mongoloid patients.](#)  
Sathler R, Pinzan A, Fernandes TM, de Almeida RR, Henriques JF.  
Dental Press J Orthod. 2014 Jul-Aug;19(4):50-7.  
PMID: 25279521 [PubMed - in process]  
[Related citations](#)
22. [Hepatocellular carcinoma metastasis to the condyle: a case report and review of the literature.](#)  
Klasser GD, Echandi L, Shannon M.  
J Am Dent Assoc. 2014 Oct;145(10):1063-7. doi: 10.14219/jada.2014.70.  
PMID: 25270706 [PubMed - in process]  
[Related citations](#)
23. [Repair of peri-implant bone loss after occlusal adjustment: a case report.](#)  
Merin RL.  
J Am Dent Assoc. 2014 Oct;145(10):1058-62. doi: 10.14219/jada.2014.65.  
PMID: 25270705 [PubMed - in process]  
[Related citations](#)
24. [Metastatic melanoma misdiagnosed as a temporomandibular disorder: a case report and review of the literature.](#)  
Singh S, Desai B, Laskin D.  
J Am Dent Assoc. 2014 Oct;145(10):1052-7. doi: 10.14219/jada.2014.63.  
PMID: 25270704 [PubMed - in process]

[Related citations](#)

25. [Deterioration of Mechanical Properties of Discs in Chronically Inflamed TMJ.](#)  
Wang XD, Cui SJ, Liu Y, Luo Q, Du RJ, Kou XX, Zhang JN, Zhou YH, Gan YH.  
J Dent Res. 2014 Nov;93(11):1170-6. doi: 10.1177/0022034514552825. Epub 2014 Sep 29.  
PMID: 25266714 [PubMed - in process]

[Related citations](#)

26. [Measurement of the buccolingual inclination of teeth: manual technique vs 3-dimensional software.](#)  
Nouri M, Abdi AH, Farzan A, Mokhtarpour F, Baghban AA.  
Am J Orthod Dentofacial Orthop. 2014 Oct;146(4):522-9. doi: 10.1016/j.ajodo.2014.06.018.  
PMID: 25263155 [PubMed - in process]

[Related citations](#)

27. [Myhre syndrome: a rare craniofacial disorder.](#)  
Ishibashi N, Sasaki Y, Asakura Y.  
Cranio. 2014 Oct;32(4):300-6. doi: 10.1179/0886963413Z.00000000024. Epub 2014 Jun 30.  
PMID: 25252769 [PubMed - in process]

[Related citations](#)

28. [Are occlusal features associated with different temporomandibular disorder diagnoses in bruxers?](#)  
Manfredini D, Stellini E, Marchese-Ragona R, Guarda-Nardini L.  
Cranio. 2014 Oct;32(4):283-8. doi: 10.1179/2151090314Y.00000000008. Epub 2014 May 20.  
PMID: 25252767 [PubMed - in process]

[Related citations](#)

29. [Could different TMJ disc positions observed in MRI cause different sounds? Analysis on a group of subjects with ADD with reduction: a pilot study.](#)  
Deregibus A, Castroflorio T, De Giorgi I, Burzio C, Debernardi C.  
Cranio. 2014 Oct;32(4):265-74. doi: 10.1179/0886963414Z.00000000040. Epub 2014 Apr 22.  
PMID: 25252765 [PubMed - in process]

[Related citations](#)

30. [Two-stage treatment of facial asymmetry caused by unilateral condylar hyperplasia.](#)  
Xavier SP, Santos Tde S, Silva ER, Faria AC, de Mello Filho FV.  
Braz Dent J. 2014;25(3):257-60.  
PMID: 25252264 [PubMed - in process] **Free Article**

[Related citations](#)

31. [Sleep bruxism, awake bruxism and sleep quality among Brazilian dental students: a cross-sectional study.](#)  
Serra-Negra JM, Scarpelli AC, Tirsca-Costa D, Guimarães FH, Pordeus IA, Paiva SM.  
Braz Dent J. 2014;25(3):241-7.  
PMID: 25252261 [PubMed - in process] **Free Article**

[Related citations](#)

32. [Critical instrumentation area: influence of root canal anatomy on the endodontic preparation.](#)  
de Oliveira MA, Venâncio JF, Pereira AG, Raposo LH, Biffi JC.  
Braz Dent J. 2014;25(3):232-6.  
PMID: 25252259 [PubMed - in process] **Free Article**

[Related citations](#)

33. [Microtensile bond strength of methacrylate and silorane resins to enamel and dentin.](#)  
da Silva GR, Araújo IS, Pereira RD, Barreto Bde C, do Prado CJ, Soares CJ, Martins LR.  
Braz Dent J. 2014;25(4):327-31.  
PMID: 25250497 [PubMed - in process] **Free Article**  
[Related citations](#)
34. [Enamel craze lines.](#)  
Larson TD.  
Northwest Dent. 2014 Jul-Aug;93(4):31-4. Review.  
PMID: 25233570 [PubMed - indexed for MEDLINE]  
[Related citations](#)
35. [An in vitro evaluation of wear and surface roughness of particulate filler composite resin after tooth brushing.](#)  
Al Khuraif AA.  
Acta Odontol Scand. 2014 Nov;72(8):977-83. doi: 10.3109/00016357.2014.933251. Epub 2014 Sep 15.  
PMID: 25220522 [PubMed - in process]  
[Related citations](#)
36. [Surface properties of universal and flowable nanohybrid composites after simulated tooth brushing.](#)  
Jin J, Takahashi R, Hickel R, Kunzelmann KH.  
Am J Dent. 2014 Jun;27(3):149-54.  
PMID: 25208363 [PubMed - indexed for MEDLINE]  
[Related citations](#)
37. [Effect of occlusal loading and mechanical properties of resin composite on stress generated in posterior restorations.](#)  
Bicalho AA, Tantbirojn D, Versluis A, Soares CJ.  
Am J Dent. 2014 Jun;27(3):129-33.  
PMID: 25208359 [PubMed - indexed for MEDLINE]  
[Related citations](#)
38. [Sagittal split osteotomy on the previously reconstructed mandible with fibula free flap.](#)  
Kim JW, Lee CH, Kwon TG.  
J Craniofac Surg. 2014 Sep;25(5):1833-5. doi: 10.1097/SCS.0000000000001058.  
PMID: 25203580 [PubMed - in process]  
[Related citations](#)
39. [Does gum chewing increase the prevalence of temporomandibular disorders in individuals with gum chewing habits?](#)  
Tabrizi R, Karagah T, Aliabadi E, Hoseini SA.  
J Craniofac Surg. 2014 Sep;25(5):1818-21. doi: 10.1097/SCS.0000000000000993.  
PMID: 25203577 [PubMed - in process]  
[Related citations](#)
40. [Maxillary esthetics, mandibular function: a rationale for predictable treatment of the moderately worn dentition.](#)  
Hermandes L, Larson K.  
Compend Contin Educ Dent. 2014 Sep;35(8):583-7.  
PMID: 25199031 [PubMed - in process]

[Related citations](#)

41. [Conservative orthodontic treatment for skeletal open bite associated with amelogenesis imperfecta.](#)  
Bechor N, Finkelstein T, Shapira Y, Shpack N.  
J Dent Child (Chic). 2014 May-Aug;81(2):96-102.  
PMID: 25198953 [PubMed - in process]

[Related citations](#)

42. [Occlusal considerations for dental implant restorations.](#)  
Bergmann RH.  
Compend Contin Educ Dent. 2014 Jul-Aug;35(7):455-8; quiz460.  
PMID: 25198873 [PubMed - in process]

[Related citations](#)

43. [The 'anatomically difficult' denture case.](#)  
Friel T.  
Dent Update. 2014 Jul-Aug;41(6):506-8, 510-2.  
PMID: 25195482 [PubMed - indexed for MEDLINE]

[Related citations](#)

44. [Effects of occlusal rest design on pressure distribution beneath the denture base of a distal extension removable partial denture-an in vivo study.](#)  
Suenaga H, Kubo K, Hosokawa R, Kuriyagawa T, Sasaki K.  
Int J Prosthodont. 2014 Sep-Oct;27(5):469-71. doi: 10.11607/ijp.3847.  
PMID: 25191891 [PubMed - indexed for MEDLINE]

[Related citations](#)

45. [Influence of the rigidity of a provisional restoration supported on four immediately loaded implants in the edentulous maxilla on biomechanical bone-implant interactions under simulated bruxism conditions: a three-dimensional finite element analysis.](#)  
Yamaguchi K, Ishiura Y, Tanaka S, Baba K.  
Int J Prosthodont. 2014 Sep-Oct;27(5):442-50. doi: 10.11607/ijp.3857.  
PMID: 25191887 [PubMed - indexed for MEDLINE]

[Related citations](#)

46. [The effect of single-application fluoride treatment on simulated gastric erosion and erosion-abrasion of enamel in vitro.](#)  
Austin RS, Stenhagen KR, Hove LH, Tveit AB, Moazzez RV, Bartlett DW.  
Int J Prosthodont. 2014 Sep-Oct;27(5):425-6. doi: 10.11607/ijp.3956.  
PMID: 25191883 [PubMed - indexed for MEDLINE]

[Related citations](#)

47. [Use of a digitally planned and fabricated mandibular complete denture for easy conversion to an immediately loaded provisional fixed complete denture. Part 1. Planning and surgical phase.](#)  
Lozada JL, Garbacea A, Goodacre CJ, Kattadiyil MT.  
Int J Prosthodont. 2014 Sep-Oct;27(5):417-21. doi: 10.11607/ijp.3825.  
PMID: 25191881 [PubMed - indexed for MEDLINE]

[Related citations](#)

48. [Contemporary relevance of occlusion and mastication.](#)  
Klineberg I, Palla S, Trulsson M.  
Int J Prosthodont. 2014 Sep-Oct;27(5):411-2. doi: 10.11607/ijp.2014.5.e. No abstract available.

PMID: 25191880 [PubMed - indexed for MEDLINE]

[Related citations](#)

49. [Achieving esthetic success while avoiding extensive tooth reduction.](#)  
McMaster DE.  
Compend Contin Educ Dent. 2014 Jun;35(6):398-402.  
PMID: 25188213 [PubMed - in process]  
[Related citations](#)
50. [The use of an anterior deprogrammer in a removable prosthodontic case: the key to accurate and predictable centric relation records.](#)  
Zoidis P, Troulis A, Polyzois G.  
Gen Dent. 2014 Sep-Oct;62(5):60-3.  
PMID: 25184719 [PubMed - in process]  
[Related citations](#)
51. [Physiologic neuromuscular dental paradigm for the diagnosis and treatment of temporomandibular disorders.](#)  
Raman P.  
J Calif Dent Assoc. 2014 Aug;42(8):563-71. Review.  
PMID: 25174214 [PubMed - indexed for MEDLINE]  
[Related citations](#)
52. [Airway centric TMJ philosophy.](#)  
Gelb ML.  
J Calif Dent Assoc. 2014 Aug;42(8):551-62; discussion 560-2. Review.  
PMID: 25174213 [PubMed - indexed for MEDLINE]  
[Related citations](#)
53. [Temporomandibular joint orthopedics with anterior repositioning appliance therapy and therapeutic injections.](#)  
Simmons C 3rd.  
J Calif Dent Assoc. 2014 Aug;42(8):537-47; discussion 545-8. Review.  
PMID: 25174212 [PubMed - indexed for MEDLINE]  
[Related citations](#)
54. [Temporomandibular disorders: a human systems approach.](#)  
Fricton J.  
J Calif Dent Assoc. 2014 Aug;42(8):523-33; discussion 531, 533-5. Review.  
PMID: 25174211 [PubMed - indexed for MEDLINE]  
[Related citations](#)
55. [TMD: the great controversy.](#)  
Jenkins DN.  
J Calif Dent Assoc. 2014 Aug;42(8):518-20. No abstract available.  
PMID: 25174210 [PubMed - indexed for MEDLINE]  
[Related citations](#)
56. [A "midline dilemma" in an adult mutilated dentition.](#)  
Bilodeau JE.  
Am J Orthod Dentofacial Orthop. 2014 Sep;146(3):364-70. doi: 10.1016/j.ajodo.2013.10.025.

PMID: 25172259 [PubMed - indexed for MEDLINE]

[Related citations](#)

57. [Morphologic variability of nonsyndromic operated patients affected by cleft lip and palate: a geometric morphometric study.](#)  
Toro-Ibacache V, Cortés Araya J, Díaz Muñoz A, Manríquez Soto G.  
Am J Orthod Dentofacial Orthop. 2014 Sep;146(3):346-54. doi: 10.1016/j.ajodo.2014.06.002.  
PMID: 25172257 [PubMed - indexed for MEDLINE]  
[Related citations](#)
58. [The relationship between various parameters of complete denture quality and patients' satisfaction.](#)  
Alfadda SA.  
J Am Dent Assoc. 2014 Sep;145(9):941-8. doi: 10.14219/jada.2013.48.  
PMID: 25170001 [PubMed - in process]  
[Related citations](#)
59. [Why use oral splints for temporomandibular disorders \(TMDs\)?](#)  
Adibi SS, Ogbureke EI, Minavi BB, Ogbureke KU.  
Tex Dent J. 2014 Jun;131(6):450-5. Review.  
PMID: 25163219 [PubMed - indexed for MEDLINE]  
[Related citations](#)
60. [Class I malocclusion with severe double protrusion treated with first premolars extraction.](#)  
Moresca R.  
Dental Press J Orthod. 2014 May-Jun;19(3):127-38.  
PMID: 25162577 [PubMed - in process]  
[Related citations](#)
61. [Mandibular asymmetry: a proposal of radiographic analysis with public domain software.](#)  
Lemos AD, Katz CR, Heimer MV, Rosenblatt A.  
Dental Press J Orthod. 2014 May-Jun;19(3):52-8.  
PMID: 25162566 [PubMed - in process]  
[Related citations](#)
62. [First molar cross-bite is more closely associated with a reverse chewing cycle than anterior or pre-molar cross-bite during mastication.](#)  
Tomonari H, Ikemori T, Kubota T, Uehara S, Miyawaki S.  
J Oral Rehabil. 2014 Dec;41(12):890-6. doi: 10.1111/joor.12222. Epub 2014 Aug 27.  
PMID: 25158937 [PubMed - in process]  
[Related citations](#)
63. [Biomechanical evaluation of maxillary Lefort I fracture with bioabsorbable osteosynthesis internal fixation.](#)  
Wu W, Zhou J, Xu CT, Zhang J, Jin YJ, Sun GL.  
Dent Traumatol. 2014 Dec;30(6):447-54. doi: 10.1111/edt.12120. Epub 2014 Aug 22.  
PMID: 25146129 [PubMed - in process]  
[Related citations](#)
64. [Immediate loading implants with mandibular overdenture: a 48-month prospective follow-up study.](#)  
Zancope K, Simamoto Júnior PC, Davi LR, Prado CJ, Neves FD.  
Braz Oral Res. 2014 Jan-Feb;28(1). pii: S1806-83242014000100241. Epub 2014 Aug 18.

PMID: 25141015 [PubMed - indexed for MEDLINE] **Free Article**

[Related citations](#)

65. [Toothbrushing after an erosive attack: will waiting avoid tooth wear?](#)  
Lussi A, Lussi J, Carvalho TS, Cvikl B.  
Eur J Oral Sci. 2014 Oct;122(5):353-9. doi: 10.1111/eos.12144. Epub 2014 Aug 8.  
PMID: 25131337 [PubMed - in process]  
[Related citations](#)
66. [The effects of forehead and neck position on esthetics of class I, II and III profiles.](#)  
Salehi P, Oshagh M, Aleyasin ZS, Pakshir HR.  
Int J Esthet Dent. 2014 Autumn;9(3):412-25.  
PMID: 25126620 [PubMed - indexed for MEDLINE]  
[Related citations](#)
67. [Is the incidence of temporomandibular disorder increased in polycystic ovary syndrome?](#)  
Soydan SS, Deniz K, Uckan S, Unal AD, Tutuncu NB.  
Br J Oral Maxillofac Surg. 2014 Nov;52(9):822-6. doi: 10.1016/j.bjoms.2014.07.100. Epub 2014 Aug 12.  
PMID: 25124832 [PubMed - in process]  
[Related citations](#)
68. [Interdisciplinary orthodontics: a case report.](#)  
Miresmaeili A, Farhadian N, Ejlali M.  
Int J Orthod Milwaukee. 2014 Summer;25(2):37-40.  
PMID: 25109057 [PubMed - indexed for MEDLINE]  
[Related citations](#)
69. [Lingual orthodontics as an aesthetic resource in the preparation of orthodontic/surgical treatment.](#)  
Kairalla SA, Galiano A, Paranhos LR.  
Int J Orthod Milwaukee. 2014 Summer;25(2):31-5.  
PMID: 25109056 [PubMed - indexed for MEDLINE]  
[Related citations](#)
70. [Aetiology of a diagnosis: the key to success in treatment planning.](#)  
Kristopher K.  
Int J Orthod Milwaukee. 2014 Summer;25(2):13-5.  
PMID: 25109053 [PubMed - indexed for MEDLINE]  
[Related citations](#)
71. [Dental gypsum verification jig to verify implant positions: a clinical report.](#)  
Alhashim A, Flinton RJ.  
J Oral Implantol. 2014 Aug;40(4):495-9. doi: 10.1563/AAID-JOI-D-12-00196. No abstract available.  
PMID: 25106015 [PubMed - indexed for MEDLINE]  
[Related citations](#)
72. [The effect of dynamic loading on bacterial colonization of the dental implant fixture-abutment interface: an in vitro study.](#)  
Koutouzis T, Mesia R, Calderon N, Wong F, Wallet S.  
J Oral Implantol. 2014 Aug;40(4):432-7. doi: 10.1563/AAID-JOI-D-11-00207.  
PMID: 25106007 [PubMed - indexed for MEDLINE]



[Related citations](#)

73. [Axial relationship between dental implants and teeth/implants: a radiographic study.](#)

Machtei EE, Oettinger-Barak O, Horwitz J.

J Oral Implantol. 2014 Aug;40(4):425-31. doi: 10.1563/AAID-JOI-D-12-00052.

PMID: 25106006 [PubMed - indexed for MEDLINE]

[Related citations](#)

74. [Conventional versus implant-retained overlay dentures: a pilot study of masseter and anterior temporalis electromyography.](#)

Dakhilalian M, Rismanchian M, Fazel A, Basiri K, Azadeh H, Mahmoodi M, Fayazi S, Sadr-Eshkvari P.

J Oral Implantol. 2014 Aug;40(4):418-24. doi: 10.1563/AAID-JOI-D-11-00190.

PMID: 25106005 [PubMed - indexed for MEDLINE]

[Related citations](#)

75. [The influence of altered occlusion on pro-inflammatory cytokine levels in the TMJ synovial tissues of rats.](#)

Figueroba SR, Desjardins MP, Ferreira LE, Berto LA, Valdrighi HC, Groppo FC.

Arch Oral Biol. 2014 Nov;59(11):1164-71. doi: 10.1016/j.archoralbio.2014.07.003. Epub 2014 Jul 22.

PMID: 25103542 [PubMed - in process]

[Related citations](#)

76. [A randomised controlled trial of three aesthetic full-coronal restorations in primary maxillary teeth.](#)

Walia T, Salami AA, Bashiri R, Hamoodi OM, Rashid F.

Eur J Paediatr Dent. 2014 Jun;15(2):113-8.

PMID: 25102458 [PubMed - indexed for MEDLINE]

[Related citations](#)

77. [Aesthetic and functional rehabilitation of child using mock-up combined with stratified technique.](#)

Garcia Lopes R, Mendes Pinto M, de Godoy CH, Jansiski Motta L, Carvalho Bortoletto C, Olivani S, Kalil Bussadori S.

Eur J Paediatr Dent. 2014 Jul;15(2 Suppl):234-6.

PMID: 25101511 [PubMed - indexed for MEDLINE]

[Related citations](#)

78. [Interceptive management for multiple eruption disturbances: a follow-up evaluation.](#)

Pavoni C, Mucedero M, Paoloni V, Cozza P.

Eur J Paediatr Dent. 2014 Jul;15(2 Suppl):191-4.

PMID: 25101500 [PubMed - indexed for MEDLINE]

[Related citations](#)

79. [Abrasion resistance of direct and indirect resins as a function of a sealant veneer.](#)

Ferraz Caneppele TM, Rocha DM, Maximo Araujo MA, Valera MC, Salazar Marocho SM.

Indian J Dent Res. 2014 May-Jun;25(3):381-5. doi: 10.4103/0970-9290.138345.

PMID: 25098999 [PubMed - in process] **Free Article**

[Related citations](#)

80. [Biomechanical evaluation of subcrestal dental implants with different bone anchorages.](#)

Sotto-Maior BS, Lima Cde A, Senna PM, Camargos Gde V, Del Bel Cury AA.

Braz Oral Res. 2014 Jan-Feb;28(1). pii: S1806-83242014000100235. doi: org/10.1590/1807-3107BOR-2014.vol28.0023.. Epub 2014 Aug 4.

PMID: 25098822 [PubMed - indexed for MEDLINE] **Free Article**

[Related citations](#)

81. [Finite element analysis of compressive stress and strain of different implant forms during vertical loading.](#)  
Tanasić I, Tihacek-Sojić L, Milić-Lemić A.  
Int J Comput Dent. 2014;17(2):125-33. English, German.  
PMID: 25098160 [PubMed - indexed for MEDLINE]  
[Related citations](#)
82. [Relationship between disk position and degenerative bone changes in temporomandibular joints of young subjects with TMD. An MRI study.](#)  
Moncada G, Cortés D, Millas R, Marholz C.  
J Clin Pediatr Dent. 2014 Spring;38(3):269-76.  
PMID: 25095324 [PubMed - indexed for MEDLINE]  
[Related citations](#)
83. [Management of oral lesions in Lesch-Nyham syndrome.](#)  
Romero Maroto M, Ruiz Duque C, Vincent G, Garcia Recuero I, Romance A.  
J Clin Pediatr Dent. 2014 Spring;38(3):247-9.  
PMID: 25095320 [PubMed - indexed for MEDLINE]  
[Related citations](#)
84. [Comparison of relative efficacy of two techniques of enamel stain removal on fluorosed teeth. An in vivo study.](#)  
Bharath KP, Subba Reddy VV, Poornima P, Revathy V, Kambalimath HV, Karthik B.  
J Clin Pediatr Dent. 2014 Spring;38(3):207-13.  
PMID: 25095314 [PubMed - indexed for MEDLINE]  
[Related citations](#)
85. [Treatment of infra-occluded primary molars in patients with dental agenesis.](#)  
Medio M, de la Dure Molla M.  
Int Orthod. 2014 Sep;12(3):291-302. doi: 10.1016/j.ortho.2014.06.004. Epub 2014 Aug 3. English, French.  
PMID: 25092254 [PubMed - in process]  
[Related citations](#)
86. [Interdisciplinary treatment for an adult with a unilateral cleft lip and palate.](#)  
Ma QL, Conley RS, Wu T, Li H.  
Am J Orthod Dentofacial Orthop. 2014 Aug;146(2):238-48. doi: 10.1016/j.ajodo.2013.10.024.  
PMID: 25085307 [PubMed - indexed for MEDLINE]  
[Related citations](#)
87. [Compensatory orthodontic treatment for maxillary deficiency: a 4-year follow-up.](#)  
Silveira GS, de Gauw JH, Motta AT, Mucha JN.  
Am J Orthod Dentofacial Orthop. 2014 Aug;146(2):227-37. doi: 10.1016/j.ajodo.2013.10.023.  
PMID: 25085306 [PubMed - indexed for MEDLINE]  
[Related citations](#)
88. [Mandibular posterior anatomic limit for molar distalization.](#)  
Kim SJ, Choi TH, Baik HS, Park YC, Lee KJ.

Am J Orthod Dentofacial Orthop. 2014 Aug;146(2):190-7. doi: 10.1016/j.ajodo.2014.04.021.  
PMID: 25085302 [PubMed - indexed for MEDLINE]

[Related citations](#)

89. [Influence of no-ferrule and no-post buildup design on the fatigue resistance of endodontically treated molars restored with resin nanoceramic CAD/CAM crowns.](#)

Magne P, Carvalho A, Bruzi G, Anderson R, Maia H, Giannini M.

Oper Dent. 2014 Nov-Dec;39(6):595-602. doi: 10.2341/13-004-L. Epub 2014 Aug 1.

PMID: 25084102 [PubMed - in process]

[Related citations](#)

90. [Easy fabrication of an occlusal deprogrammer.](#)

Kontham RK, Kontham UR.

J Clin Orthod. 2014 Jun;48(6):368-70. No abstract available.

PMID: 25083757 [PubMed - indexed for MEDLINE]

[Related citations](#)

91. [First evidence-based diagnostic criteria published for TMD.](#)

[No authors listed]

J Calif Dent Assoc. 2014 Apr;42(4):215. No abstract available.

PMID: 25080734 [PubMed - indexed for MEDLINE]

[Related citations](#)

92. [Cone beam computed tomography utilization by graduates from two orthodontic programs in the Pacific Coast region.](#)

Rajadhyksha S, Nelson G, Oberoi S.

J Calif Dent Assoc. 2014 Mar;42(3):173-7.

PMID: 25080723 [PubMed - indexed for MEDLINE]

[Related citations](#)

93. [Bilateral balanced articulation: science or dogma?](#)

Farias-Neto A, Carreiro Ada F.

Dent Update. 2014 Jun;41(5):428-30.

PMID: 25073224 [PubMed - indexed for MEDLINE]

[Related citations](#)

94. [Chronic HPA axis response to stress in temporomandibular disorder.](#)

Lambert CA, Sanders A, Wilder RS, Slade GD, Van Uum S, Russell E, Koren G, Maixner W.

J Dent Hyg. 2014;88 Suppl 1:5-12.

PMID: 25071145 [PubMed - in process]

[Related citations](#)

95. [Effects of muscle pain induced by glutamate injections during sustained clenching on the contraction pattern of masticatory muscles.](#)

Michelotti A, Cioffi I, Rongo R, Borrelli R, Chiodini P, Svensson P.

J Oral Facial Pain Headache. 2014 Summer;28(3):252-60. doi: 10.11607/ofph.1239.

PMID: 25068219 [PubMed - indexed for MEDLINE]

[Related citations](#)

96. ["Grin\(d\) and bear it": narratives from Sami women with and without temporomandibular disorders. A qualitative study.](#)

Mienna CS, Johansson EE, Wänman A.

J Oral Facial Pain Headache. 2014 Summer;28(3):243-51. doi: 10.11607/ofph.1180.

PMID: 25068218 [PubMed - indexed for MEDLINE]

[Related citations](#)

97. [A systematic review and meta-analysis of usual treatment versus psychosocial interventions in the treatment of myofascial temporomandibular disorder pain.](#)

Roldán-Barraza C, Janko S, Villanueva J, Araya I, Lauer HC.

J Oral Facial Pain Headache. 2014 Summer;28(3):205-22. doi: 10.11607/ofph.1241. Review.

PMID: 25068215 [PubMed - indexed for MEDLINE]

[Related citations](#)

98. [Effect of psychological stress on the structure of the temporomandibular joint and the expression of MMP-3 and TIMP-3 in the cartilage in rats.](#)

Huang X, Liu H, Xiao P, Wang Y, Zhang H.

Br J Oral Maxillofac Surg. 2014 Oct;52(8):709-14. doi: 10.1016/j.bjoms.2014.06.016. Epub 2014 Jul 21.

PMID: 25060974 [PubMed - in process]

[Related citations](#)

99. [Anteriorly pedicled wide temporalis muscle flap with the minimum zygomatic osteotomy technique for post-discectomy temporomandibular joint arthroplasty.](#)

Saigusa M, McNaught MJ.

J Oral Maxillofac Surg. 2014 Oct;72(10):1915-9. doi: 10.1016/j.joms.2014.04.019. Epub 2014 Apr 24.

PMID: 25059518 [PubMed - indexed for MEDLINE]

[Related citations](#)

100. [Bruxism and health related quality of life in southern Italy's prison inmates.](#)

Cavallo P, Savarese G, Carpinelli L.

Community Dent Health. 2014 Jun;31(2):117-22.

PMID: 25055610 [PubMed - indexed for MEDLINE]

[Related citations](#)

101. [Methotrexate pharmacotherapy for implant-related temporomandibular joint pain: a case report.](#)

Edwards JP, Peterson EJ, Durham J, Nixdorf DR.

Oral Surg Oral Med Oral Pathol Oral Radiol. 2014 Aug;118(2):e44-7. doi: 10.1016/j.oooo.2014.05.008. Epub 2014 May 21.

PMID: 25047933 [PubMed - in process]

[Related citations](#)

102. [Effect of tongue position on masseter and temporalis electromyographic activity during swallowing and maximal voluntary clenching: a cross-sectional study.](#)

Valdés C, Astaburuaga F, Falace D, Ramirez V, Manns A.

J Oral Rehabil. 2014 Dec;41(12):881-9. doi: 10.1111/joor.12210. Epub 2014 Jul 9.

PMID: 25040648 [PubMed - in process]

[Related citations](#)

103. [Diagnostic accuracy of portable instrumental devices to measure sleep bruxism: a systematic literature review of polysomnographic studies.](#)

Manfredini D, Ahlberg J, Castroflorio T, Poggio CE, Guarda-Nardini L, Lobbezoo F.

J Oral Rehabil. 2014 Nov;41(11):836-42. doi: 10.1111/joor.12207. Epub 2014 Jul 8.  
PMID: 25040303 [PubMed - in process]

[Related citations](#)

104. [Current panorama of temporomandibular disorders' field in Brazil.](#)  
Machado NA, Lima FF, Conti PC.  
J Appl Oral Sci. 2014 Jun;22(3):146-51. Review.  
PMID: 25025553 [PubMed - indexed for MEDLINE] **Free PMC Article**  
[Related citations](#)
105. [A comparison of conservative and invasive dental approaches in the treatment of tension-type headache.](#)  
Troeltzsch M, Messlinger K, Brodine B, Gassling V, Troeltzsch M.  
Quintessence Int. 2014;45(9):795-802. doi: 10.3290/j.qi.a32245.  
PMID: 25019119 [PubMed - in process]  
[Related citations](#)
106. [Fracture analysis of randomized implant-supported fixed dental prostheses.](#)  
Esquivel-Upshaw JF, Mehler A, Clark AE, Neal D, Anusavice KJ.  
J Dent. 2014 Oct;42(10):1335-42. doi: 10.1016/j.jdent.2014.07.001. Epub 2014 Jul 9.  
PMID: 25016139 [PubMed - in process]  
[Related citations](#)
107. [Dental image replacement on cone beam computed tomography with three-dimensional optical scanning of a dental cast, occlusal bite, or bite tray impression.](#)  
Kang SH, Lee JW, Lim SH, Kim YH, Kim MK.  
Int J Oral Maxillofac Surg. 2014 Oct;43(10):1293-301. doi: 10.1016/j.ijom.2014.06.009. Epub 2014 Jul 9.  
PMID: 25015906 [PubMed - in process]  
[Related citations](#)
108. [Effect of the occlusal profile on the masticatory performance of healthy dentate subjects.](#)  
Giannakopoulos NN, Wirth A, Braun S, Eberhard L, Schindler HJ, Hellmann D.  
Int J Prosthodont. 2014 Jul-Aug;27(4):383-9. doi: 10.11607/ijp.3793.  
PMID: 25010884 [PubMed - indexed for MEDLINE]  
[Related citations](#)
109. [Clinical evaluation of CAD/CAM metal-ceramic posterior crowns fabricated from intraoral digital impressions.](#)  
Tamim H, Skjerven H, Ekfeldt A, Rønold HJ.  
Int J Prosthodont. 2014 Jul-Aug;27(4):331-7. doi: 10.11607/ijp.3607.  
PMID: 25010876 [PubMed - indexed for MEDLINE]  
[Related citations](#)
110. [Severity of temporomandibular disorders in women: validity and reliability of the Fonseca Anamnestic Index.](#)  
Campos JA, Carrascosa AC, Bonafé FS, Maroco J.  
Braz Oral Res. 2014 Jan-Feb;28(1):16-21.  
PMID: 25000601 [PubMed - indexed for MEDLINE]  
[Related citations](#)
111. [Thirty-year follow-up of a TMD case treated based on the neuromuscular concept.](#)

Yamashita A, Kondo Y, Yamashita J.  
Cranio. 2014 Jul;32(3):224-34. doi: 10.1179/0886963413Z.00000000020. Epub 2014 Jan 24.  
PMID: 25000166 [PubMed - indexed for MEDLINE]

[Related citations](#)

112. [Influence of oral stabilization appliances in intra-articular pressure of the temporomandibular joint.](#)

Casares G, Thomas A, Carmona J, Acero J, Vila CN.  
Cranio. 2014 Jul;32(3):219-23. doi: 10.1179/0886963413Z.00000000030. Epub 2014 Feb 10.  
PMID: 25000165 [PubMed - indexed for MEDLINE]

[Related citations](#)

113. [Treatment of myogenic temporomandibular disorder: a prospective randomized clinical trial, comparing a mechanical stretching device \(TheraBite®\) with standard physical therapy exercise.](#)

Kraaijenga S, van der Molen L, van Tinteren H, Hilgers F, Smeele L.  
Cranio. 2014 Jul;32(3):208-16. doi: 10.1179/0886963413Z.00000000016. Epub 2014 Jan 24.  
PMID: 25000163 [PubMed - indexed for MEDLINE]

[Related citations](#)

114. [Chewing movements altered in the presence of temporomandibular joint internal derangements.](#)

Radke JC, Kull RS, Sethi MS.  
Cranio. 2014 Jul;32(3):187-92. doi: 10.1179/0886963413Z.00000000028. Epub 2014 Mar 18.  
PMID: 25000160 [PubMed - indexed for MEDLINE]

[Related citations](#)

115. [Interrelations between orthostatic postural deviations and subjects' age, sex, malocclusion, and specific signs and symptoms of functional pathologies of the temporomandibular system: a preliminary correlation and regression study.](#)

Munhoz WC, Hsing WT.  
Cranio. 2014 Jul;32(3):175-86. doi: 10.1179/0886963414Z.00000000031. Epub 2014 Feb 10.  
PMID: 25000159 [PubMed - indexed for MEDLINE]

[Related citations](#)

116. [CRANIO concepts: CRANIO's international status.](#)

Lunn RH.  
Cranio. 2014 Jul;32(3):174. doi: 10.1179/0886963414Z.00000000050. No abstract available.  
PMID: 25000158 [PubMed - indexed for MEDLINE]

[Related citations](#)

117. [Masticatory efficiency and bite force in individuals with normal occlusion.](#)

de Abreu RA, Pereira MD, Furtado F, Prado GP, Mestriner W Jr, Ferreira LM.  
Arch Oral Biol. 2014 Oct;59(10):1065-74. doi: 10.1016/j.archoralbio.2014.05.005. Epub 2014 Jun 5.  
PMID: 24998024 [PubMed - in process]

[Related citations](#)

118. [Low condylectomy and orthognathic surgery to treat mandibular condylar osteochondroma: a retrospective review of 37 cases.](#)

Wolford LM, Movahed R, Dhameja A, Allen WR.  
J Oral Maxillofac Surg. 2014 Sep;72(9):1704-28. doi: 10.1016/j.joms.2014.03.009. Epub 2014 Mar 24.  
PMID: 24997022 [PubMed - indexed for MEDLINE]

[Related citations](#)

119. [Enamel mineral loss.](#)  
West NX, Joiner A.  
J Dent. 2014 Jun;42 Suppl 1:S2-11. doi: 10.1016/S0300-5712(14)50002-4.  
PMID: 24993851 [PubMed - in process]  
[Related citations](#)
120. [Erosive tooth wear in children.](#)  
Carvalho TS, Lussi A, Jaeggi T, Gambon DL.  
Monogr Oral Sci. 2014;25:262-78. doi: 10.1159/000360712. Epub 2014 Jun 26. Review.  
PMID: 24993274 [PubMed - indexed for MEDLINE]  
[Related citations](#)
121. [Risk assessment and causal preventive measures.](#)  
Lussi A, Hellwig E.  
Monogr Oral Sci. 2014;25:220-9. doi: 10.1159/000360612. Epub 2014 Jun 26. Review.  
PMID: 24993270 [PubMed - indexed for MEDLINE]  
[Related citations](#)
122. [The role of oral hygiene: does toothbrushing harm?](#)  
Wiegand A, Schlueter N.  
Monogr Oral Sci. 2014;25:215-9. doi: 10.1159/000360379. Epub 2014 Jun 26. Review.  
PMID: 24993269 [PubMed - indexed for MEDLINE]  
[Related citations](#)
123. [Dentine hypersensitivity.](#)  
West N, Seong J, Davies M.  
Monogr Oral Sci. 2014;25:108-22. doi: 10.1159/000360749. Epub 2014 Jun 26. Review.  
PMID: 24993261 [PubMed - indexed for MEDLINE]  
[Related citations](#)
124. [The interactions between attrition, abrasion and erosion in tooth wear.](#)  
Shellis RP, Addy M.  
Monogr Oral Sci. 2014;25:32-45. doi: 10.1159/000359936. Epub 2014 Jun 26. Review.  
PMID: 24993256 [PubMed - indexed for MEDLINE]  
[Related citations](#)
125. ["No touch" digital restorations.](#)  
Ehrlich T.  
Todays FDA. 2014 May-Jun;26(3):52-3. No abstract available.  
PMID: 24988734 [PubMed - indexed for MEDLINE]  
[Related citations](#)
126. [The efficacy of bilateral balanced and canine guidance occlusal splints in the treatment of temporomandibular joint disorder.](#)  
Al-Rafah EM, Alammari MR, Banasr FH.  
Oral Health Dent Manag. 2014 Jun;13(2):536-42.  
PMID: 24984678 [PubMed - in process]  
[Related citations](#)
127. [Prevalence of malocclusion, its association with occlusal interferences and temporomandibular disorders among the Saudi sub-population.](#)

Haralur SB, Addas MK, Othman HI, Shah FK, El-Malki AI, Al-Qahtani MA.  
Oral Health Dent Manag. 2014 Jun;13(2):164-9.  
PMID: 24984617 [PubMed - in process]

[Related citations](#)

128. [Clinical outcomes of three different crown systems with CAD/CAM technology.](#)

Batson ER, Cooper LF, Duqum I, Mendonça G.  
J Prosthet Dent. 2014 Oct;112(4):770-7. doi: 10.1016/j.prosdent.2014.05.002. Epub 2014 Jun 28.  
PMID: 24980739 [PubMed - in process]

[Related citations](#)

129. [Impact of malocclusion on oral health related quality of life of final year dental students.](#)

Kolawole KA, Agbaje HO, Otuyemi OD.  
Odontostomatol Trop. 2014 Mar;37(145):64-74.  
PMID: 24979962 [PubMed - indexed for MEDLINE]

[Related citations](#)

130. [Biomechanical aspects of the optimal number of implants to carry a cross-arch full restoration.](#)

Brunski JB.  
Eur J Oral Implantol. 2014 Summer;7 Suppl 2:S111-31.  
PMID: 24977245 [PubMed - indexed for MEDLINE]

[Related citations](#)

131. [Orthodontic traction in a patient with cleidocranial dysplasia: 3 years of follow-up.](#)

Rocha R, Zasso MB, Floriano G, Derech C, Ribeiro GU, Locks A, Ritter D.  
Am J Orthod Dentofacial Orthop. 2014 Jul;146(1):108-18. doi: 10.1016/j.ajodo.2013.09.016.  
PMID: 24975005 [PubMed - indexed for MEDLINE]

[Related citations](#)

132. [Statistical issues and ambiguities in a recent report on condylar position.](#)

Rakhshan V.  
Am J Orthod Dentofacial Orthop. 2014 Jul;146(1):3. doi: 10.1016/j.ajodo.2014.05.007. No abstract available.  
PMID: 24974991 [PubMed - indexed for MEDLINE]

[Related citations](#)

133. [Statistical issues and ambiguities in a recent report on condylar position. Authors' response.](#)

Kandasamy S, Boeddinghaus R, Kruger E.  
Am J Orthod Dentofacial Orthop. 2014 Jul;146(1):3-4. doi: 10.1016/j.ajodo.2014.05.006. No abstract available.  
PMID: 24974990 [PubMed - indexed for MEDLINE]

[Related citations](#) [1 comment](#)

134. [Wassmund osteotomy for excessive gingival display: a case report with three-dimensional facial evaluation.](#)

Yamamoto Y, Yamamoto Y, Takada K.  
Aust Orthod J. 2014 May;30(1):81-8.  
PMID: 24968650 [PubMed - indexed for MEDLINE]

[Related citations](#)

135. [Treatment of an asymmetric malocclusion: a case report.](#)



Pinho T, Pacheco JJ, Salazar F.  
Aust Orthod J. 2014 May;30(1):72-80.  
PMID: 24968649 [PubMed - indexed for MEDLINE]  
[Related citations](#)

136. [Factors related to stability following the surgical correction of skeletal open bite.](#)

Ito G, Koh M, Fujita T, Shirakura M, Ueda H, Tanne K.  
Aust Orthod J. 2014 May;30(1):61-6.  
PMID: 24968647 [PubMed - indexed for MEDLINE]  
[Related citations](#)

137. [Treatment effects of a twin-force bite corrector versus an activator in comparison with an untreated Class II sample: a preliminary report.](#)

Dalci O, Altug AT, Memikoglu UT.  
Aust Orthod J. 2014 May;30(1):45-53.  
PMID: 24968645 [PubMed - indexed for MEDLINE]  
[Related citations](#)

138. [Long-term results of surgically-assisted maxillary protraction.](#)

Nevzatoğlu S, Küçükkeleş N.  
Aust Orthod J. 2014 May;30(1):19-31.  
PMID: 24968642 [PubMed - indexed for MEDLINE]  
[Related citations](#)

139. [An evaluation of condylar and ramal vertical asymmetry in adolescents with unilateral and bilateral posterior crossbite using cone beam computed tomography \(CBCT\).](#)

Halicioglu K, Celikoglu M, Yavuz I, Sekerci AE, Buyuk SK.  
Aust Orthod J. 2014 May;30(1):11-8.  
PMID: 24968641 [PubMed - indexed for MEDLINE]  
[Related citations](#)

140. [A prospective, single-centre study on patient outcomes following temporomandibular joint replacement using a custom-made Biomet TMJ prosthesis.](#)

Aagaard E, Thygesen T.  
Int J Oral Maxillofac Surg. 2014 Oct;43(10):1229-35. doi: 10.1016/j.ijom.2014.05.019. Epub 2014 Jun 19.  
PMID: 24953166 [PubMed - in process]  
[Related citations](#)

141. [Maxillary distraction osteogenesis for treatment of cleft lip and palate in a patient with X-linked agammaglobulinemia.](#)

Sato Y, Mishimagi T, Katsuki Y, Harada K.  
J Oral Maxillofac Surg. 2014 Jul;72(7):1396.e1-7. doi: 10.1016/j.joms.2013.12.034. Epub 2014 Jan 15.  
PMID: 24947966 [PubMed - indexed for MEDLINE]  
[Related citations](#)

142. [Videofluoroscopy of the oral phase of swallowing in eight to twelve years old children with dental malocclusion.](#)

Junqueira P, Costa MM.  
Int J Orofacial Myology. 2013 Nov;39:54-68.

PMID: 24946662 [PubMed - indexed for MEDLINE]

[Related citations](#)

143. [Long-term use of occlusal appliance has impact on sleep structure.](#)  
Sjoholm T, Kauko T, Kempainen P, Rauhala E.  
J Oral Rehabil. 2014 Nov;41(11):795-800. doi: 10.1111/joor.12201. Epub 2014 Jun 18.  
PMID: 24942041 [PubMed - in process]  
[Related citations](#)
144. [Interarch tooth size relationship of Indian population: does Bolton's analysis apply?](#)  
Subbarao VV, Regalla RR, Santi V, Anita G, Kattimani VS.  
J Contemp Dent Pract. 2014 Jan 1;15(1):103-7.  
PMID: 24939274 [PubMed - in process]  
[Related citations](#)
145. [Effect of different surface-cleaning techniques on the bond strength of composite resin restorations.](#)  
Erkut S, Yilmaz B, Bagis B, Küçükeşmen C, Ozdemir E, Acar O.  
J Prosthet Dent. 2014 Oct;112(4):949-56. doi: 10.1016/j.prosdent.2014.05.001. Epub 2014 Jun 14.  
PMID: 24939254 [PubMed - in process]  
[Related citations](#)
146. [Digital dentistry and implant dentistry--a case study.](#)  
Zimmermann R, Seitz S, Nyugen D.  
Tex Dent J. 2014 Apr;131(4):303-7.  
PMID: 24937892 [PubMed - indexed for MEDLINE]  
[Related citations](#)
147. [Over-the-counter \(OTC\) bruxism splints available on the Internet.](#)  
Wassell RW, Verhees L, Lawrence K, Davies S, Lobbezoo F.  
Br Dent J. 2014 Jun 13;216(11):E24. doi: 10.1038/sj.bdj.2014.452.  
PMID: 24923962 [PubMed - in process]  
[Related citations](#)
148. [Summary of: Over-the-counter \(OTC\) bruxism splints available on the Internet.](#)  
Chate R.  
Br Dent J. 2014 Jun 13;216(11):642-3. doi: 10.1038/sj.bdj.2014.480. No abstract available.  
PMID: 24923944 [PubMed - in process]  
[Related citations](#)
149. [RE: De Boer EWJ, Dijkstra PU, Stegenga B, et al. Value of cone-beam computed tomography in the process of diagnosis and management of disorders of the temporomandibular joint. Br J Oral Maxillofac Surg 52:2014:241-46.](#)  
Bonte B.  
Br J Oral Maxillofac Surg. 2014 Nov;52(9):870-1. doi: 10.1016/j.bjoms.2014.03.027. Epub 2014 Jun 10. No abstract available.  
PMID: 24923627 [PubMed - in process]  
[Related citations](#)
150. [The quality of impressions for crowns and bridges: an assessment of the work received at three commercial dental laboratories. assessing qualities of impressions that may lead to occlusal discrepancies with indirect restorations.](#)  
Storey D, Coward TJ.

Eur J Prosthodont Restor Dent. 2014 Mar;22(1):11-8.

PMID: 24922994 [PubMed - indexed for MEDLINE]

[Related citations](#)

151. [Reproducibility of a silicone-based test food to masticatory performance evaluation by different sieve methods.](#)

Sánchez-Ayala A, Vilanova LS, Costa MA, Farias-Neto A.

Braz Oral Res. 2014 Jan-Feb;28(1). pii: S1806-83242014000100226. Epub 2014 Jun 11.

PMID: 24918363 [PubMed - indexed for MEDLINE] **Free Article**

[Related citations](#)

152. [A method for fabrication of implant-supported fixed partial dentures.](#)

Zafiroopoulos GG, Hoffmann O, Deli G.

J Oral Implantol. 2014 Jun;40(3):271-9. doi: 10.1563/AAID-JOI-D-11-00048.

PMID: 24914913 [PubMed - indexed for MEDLINE]

[Related citations](#)

153. [Zygomatic implants: the impact of zygoma bone support on biomechanics.](#)

Romeed SA, Malik R, Dunne SM.

J Oral Implantol. 2014 Jun;40(3):231-7. doi: 10.1563/AAID-JOI-D-11-00245.

PMID: 24914908 [PubMed - indexed for MEDLINE]

[Related citations](#)

154. [Occlusal splints and quality of life - does the patient-provider relationship matter?](#)

Inglehart MR, Widmalm SE, Syriac PJ.

Oral Health Prev Dent. 2014;12(3):249-58. doi: 10.3290/j.ohpd.a32131.

PMID: 24914428 [PubMed - in process]

[Related citations](#)

155. [Assessment of occlusion after placement of stainless steel crowns in children - a pilot study.](#)

Gallagher S, O'Connell BC, O'Connell AC.

J Oral Rehabil. 2014 Oct;41(10):730-6. doi: 10.1111/joor.12196. Epub 2014 Jun 10.

PMID: 24913609 [PubMed - in process]

[Related citations](#)

156. [Two cases of posterior open bite caused by the thickness of retrodiscal tissue in the temporomandibular joint.](#)

Hasegawa T, Shibuya Y, Minamikawa T, Komori T.

Int J Oral Maxillofac Surg. 2014 Sep;43(9):1104-7. doi: 10.1016/j.ijom.2014.05.002. Epub 2014 Jun 3.

PMID: 24907131 [PubMed - in process]

[Related citations](#)

157. [Endoscope-assisted conservative condylectomy combined with orthognathic surgery in the treatment of mandibular condylar osteochondroma.](#)

Yu H, Jiao F, Li B, Zhang L, Shen SG, Wang X.

J Craniofac Surg. 2014 Jul;25(4):1379-82. doi: 10.1097/SCS.0000000000000862.

PMID: 24905948 [PubMed - in process]

[Related citations](#)

158. [Agenesis of maxillary lateral incisor and tooth replacement: cost-effectiveness of different treatment alternatives.](#)

Antonarakis GS, Prevezanos P, Gavric J, Christou P.  
Int J Prosthodont. 2014 May-Jun;27(3):257-63. doi: 10.11607/ijp.3851.  
PMID: 24905267 [PubMed - indexed for MEDLINE]

[Related citations](#)

159. [Influence of the patient's clinical information on the diagnostic reproducibility and accuracy of MRI scans of temporomandibular joint pathologies.](#)

Bisi M, Teixeira ER, Chaves KD, Silveira HE, Grossi ML.  
Int J Prosthodont. 2014 May-Jun;27(3):245-9. doi: 10.11607/ijp.3583.  
PMID: 24905265 [PubMed - indexed for MEDLINE]

[Related citations](#)

160. [Should occlusal splints be a routine prescription for diagnosed bruxers undergoing implant therapy?](#)

Mesko ME, Almeida RC, Porto JA, Koller CD, da Rosa WL, Boscato N.  
Int J Prosthodont. 2014 May-Jun;27(3):201-3. doi: 10.11607/ijp.3883. Review.  
PMID: 24905259 [PubMed - indexed for MEDLINE]

[Related citations](#)

161. [On parafunctional considerations in implant therapy.](#)

Zarb GA.  
Int J Prosthodont. 2014 May-Jun;27(3):199. No abstract available.  
PMID: 24905258 [PubMed - indexed for MEDLINE]

[Related citations](#)

162. [Effect of simulated intraoral erosion and/or abrasion effects on etch-and-rinse bonding to enamel.](#)

Wang L, Casas-Apayco LC, Hipólito AC, Dreibi VM, Giacomini MC, Bim Júnior O, Rios D, Magalhães AC.  
Am J Dent. 2014 Feb;27(1):29-34.  
PMID: 24902402 [PubMed - indexed for MEDLINE]

[Related citations](#)

163. [Effectiveness of treatment with viscosupplementation in temporomandibular joints with or without effusion.](#)

Guarda-Nardini L, Rossi A, Ramonda R, Punzi L, Ferronato G, Manfredini D.  
Int J Oral Maxillofac Surg. 2014 Oct;43(10):1218-23. doi: 10.1016/j.ijom.2014.05.001. Epub 2014 Jun 2.  
PMID: 24893762 [PubMed - in process]

[Related citations](#)

164. [Surgical treatment of single gingival recessions: clinical guidelines.](#)

Pini-Prato G, Nieri M, Pagliaro U, Giorgi TS, La Marca M, Franceschi D, Buti J, Giani M, Weiss JH, Padeletti L, Cortellini P, Chambrone L, Barzagli L, Defraia E, Rotundo R; National Association of Italian Dentists (ANDI)--Tuscany Region.  
Eur J Oral Implantol. 2014 Spring;7(1):9-43.  
PMID: 24892111 [PubMed - indexed for MEDLINE]

[Related citations](#)

165. [Use of Forsus fatigue-resistant device in a patient with Class I malocclusion and mandibular incisor agenesis.](#)

Zhang R, Bai Y, Li S.

Am J Orthod Dentofacial Orthop. 2014 Jun;145(6):817-27. doi: 10.1016/j.ajodo.2013.08.021.  
PMID: 24880853 [PubMed - indexed for MEDLINE]

[Related citations](#)

166. [Conservative treatment for a growing patient with a severe, developing skeletal Class III malocclusion and open bite.](#)

Xu Y, Zhu P, Le L, Cai B.

Am J Orthod Dentofacial Orthop. 2014 Jun;145(6):807-16. doi: 10.1016/j.ajodo.2013.08.020.  
PMID: 24880852 [PubMed - indexed for MEDLINE]

[Related citations](#)

167. [Do long-faced subjects really have a long anterior face? A longitudinal study.](#)

Ha Y, Park YS, Lee SP.

Am J Orthod Dentofacial Orthop. 2014 Jun;145(6):799-806. doi: 10.1016/j.ajodo.2014.03.014.  
PMID: 24880851 [PubMed - indexed for MEDLINE]

[Related citations](#)

168. [Authors' response.](#)

Kandasamy S, Boeddinghaus R, Kruger E.

Am J Orthod Dentofacial Orthop. 2014 Jun;145(6):712-3. doi: 10.1016/j.ajodo.2014.04.003. No abstract available.

PMID: 24880835 [PubMed - indexed for MEDLINE]

[Related citations](#)

169. [Concern about selection of the subjects.](#)

Tian Y, Han X.

Am J Orthod Dentofacial Orthop. 2014 Jun;145(6):712. doi: 10.1016/j.ajodo.2014.04.001. No abstract available.

PMID: 24880834 [PubMed - indexed for MEDLINE]

[Related citations](#)

170. [Accuracy of perioperative mandibular positions in orthognathic surgery.](#)

Borba AM, Ribeiro-Junior O, Brozoski MA, Cé PS, Espinosa MM, Deboni MC, Miloro M, Naclério-Homem MG.

Int J Oral Maxillofac Surg. 2014 Aug;43(8):972-9. doi: 10.1016/j.ijom.2014.04.017. Epub 2014 May 28.

PMID: 24880211 [PubMed - in process]

[Related citations](#)

171. [Degeneration of fungiform and circumvallate papillae following molar extraction in rats.](#)

Hsu JC, Watari I, Ono R, Privatananupunt J, Mizumachi-Kubono M, Honda K, Ishida Y, Ono T.

Acta Odontol Scand. 2014 Nov;72(8):880-6. doi: 10.3109/00016357.2014.920105. Epub 2014 May 28.

PMID: 24866919 [PubMed - in process]

[Related citations](#)

172. [UB researchers develop first evidence-based diagnostic criteria for TMD.](#)

[No authors listed]

N Y State Dent J. 2014 Mar;80(2):56. No abstract available.

PMID: 24851397 [PubMed - indexed for MEDLINE]

[Related citations](#)

173. [Cervical curvature variations in patients with infraocclusion.](#)  
Ando E, Shigeta Y, Hirabayashi R, Ikawa T, Hirai S, Katsumura S, Ogawa T.  
J Oral Rehabil. 2014 Aug;41(8):601-7. doi: 10.1111/joor.12187. Epub 2014 May 21.  
PMID: 24849697 [PubMed - in process]  
[Related citations](#)
174. [The effect of experimental balancing interferences on masticatory performance.](#)  
Eberhard L, Braun S, Wirth A, Schindler HJ, Hellmann D, Giannakopoulos NN.  
J Oral Rehabil. 2014 May;41(5):346-52.  
PMID: 24843864 [PubMed - in process]  
[Related citations](#)
175. [Histopathologic changes in dental pulp of teeth with chronic periodontitis.](#)  
Aguiar TR, Tristao GC, Mandarin D, Zarranz L, Ferreira VF, Barboza EP.  
Compend Contin Educ Dent. 2014 May;35(5):344; 346; 348; 350-1.  
PMID: 24841039 [PubMed - in process]  
[Related citations](#)
176. [Evaluation of autonomic nervous system in sleep apnea patients using pupillometry under occlusal stress: a pilot study.](#)  
Monaco A, Cattaneo R, Mesin L, Fiorucci E, Pietropaoli D.  
Cranio. 2014 Apr;32(2):139-47.  
PMID: 24839725 [PubMed - indexed for MEDLINE]  
[Related citations](#)
177. [MRI assessment of temporomandibular disorders: an approach to diagnostic and therapeutic setting.](#)  
Summa S, Ursini R, Manicone PF, Molinari F, Deli R.  
Cranio. 2014 Apr;32(2):131-8.  
PMID: 24839724 [PubMed - indexed for MEDLINE]  
[Related citations](#)
178. [The effects of ULF-TENS stimulation on gnathology: the state of the art.](#)  
Chipaila N, Sgolastra F, Spadaro A, Pietropaoli D, Masci C, Cattaneo R, Monaco A.  
Cranio. 2014 Apr;32(2):118-30. Review.  
PMID: 24839723 [PubMed - indexed for MEDLINE]  
[Related citations](#)
179. [Recurrent dislocation of the temporomandibular joint: a literature review and two case reports treated with eminectomy.](#)  
Martins WD, Ribas Mde O, Bisinelli J, França BH, Martins G.  
Cranio. 2014 Apr;32(2):110-7. Review.  
PMID: 24839722 [PubMed - indexed for MEDLINE]  
[Related citations](#)
180. [Measurements of the sagittal condylar inclination: intraindividual variations.](#)  
Cimić S, Simunković SK, Badel T, Dulčić N, Alajbeg I, Catić A.  
Cranio. 2014 Apr;32(2):104-9.  
PMID: 24839721 [PubMed - indexed for MEDLINE]  
[Related citations](#)

181. [A new posture measurement method for measuring intrinsic standing posture.](#)  
Kawakami S, Kodama N, Maeda N, Sakamoto S, Minagi S.  
Cranio. 2014 Apr;32(2):98-103.  
PMID: 24839720 [PubMed - indexed for MEDLINE]  
[Related citations](#)
182. [Complete dentures revisited.](#)  
McCord JF, Smith P, Jauhar S.  
Dent Update. 2014 Apr;41(3):250-2, 255-6, 259.  
PMID: 24839714 [PubMed - indexed for MEDLINE]  
[Related citations](#)
183. [Interactive treatment planning in toothwear: are we doing it right?](#)  
Eliyas S, Shah K, Briggs PF.  
Dent Update. 2014 Apr;41(3):206-8, 210-2, 215-6.  
PMID: 24839708 [PubMed - indexed for MEDLINE]  
[Related citations](#)
184. [Osteopenic consequences of botulinum toxin injections in the masticatory muscles: a pilot study.](#)  
Raphael KG, Tadinada A, Bradshaw JM, Janal MN, Sirois DA, Chan KC, Lurie AG.  
J Oral Rehabil. 2014 Aug;41(8):555-63. doi: 10.1111/joor.12180. Epub 2014 May 17.  
PMID: 24836732 [PubMed - in process]  
[Related citations](#)
185. [Masticatory and cervical muscle tenderness and pain sensitivity in a remote area in subjects with a temporomandibular disorder and neck disability.](#)  
Silveira A, Armijo-Olivo S, Gadotti IC, Magee D.  
J Oral Facial Pain Headache. 2014 Spring;28(2):138-46. doi: 10.11607/ofph.1112.  
PMID: 24829929 [PubMed - indexed for MEDLINE]  
[Related citations](#)
186. [CAD/CAM and surgical navigation splints versus intermaxillary occlusal splints.](#)  
Reichert C.  
J Orofac Orthop. 2014 May;75(3):164-6. doi: 10.1007/s00056-014-0209-9. No abstract available.  
PMID: 24825828 [PubMed - in process]  
[Related citations](#)
187. [Association between anticonvulsant drugs and teeth-grinding in children and adolescents with cerebral palsy.](#)  
Ortega AO, Dos Santos MT, Mendes FM, Ciamponi AL.  
J Oral Rehabil. 2014 Sep;41(9):653-8. doi: 10.1111/joor.12185. Epub 2014 May 14.  
PMID: 24824732 [PubMed - in process]  
[Related citations](#)
188. [Tuberculosis of the temporomandibular joint: a case of misdiagnosis.](#)  
Park HJ, Kim BC, Choi EJ, Samayoa SR, Kim HJ.  
J Oral Facial Pain Headache. 2014 Spring;28(2):165-70. doi: 10.11607/ofph.1061.  
PMID: 24822240 [PubMed - indexed for MEDLINE]  
[Related citations](#)
189. [Effect of experimental tooth clenching on the release of  \$\beta\$ -endorphin.](#)

Dawson A, Ljunggren L, Ernberg M, Svensson P, List T.  
J Oral Facial Pain Headache. 2014 Spring;28(2):159-64. doi: 10.11607/ofph.1210.  
PMID: 24822239 [PubMed - indexed for MEDLINE]

[Related citations](#)

190. [Epidemiology of severity of temporomandibular disorders in Brazilian women.](#)

Campos JA, Carrascosa AC, Bonafé FS, Maroco J.  
J Oral Facial Pain Headache. 2014 Spring;28(2):147-52. doi: 10.11607/ofph.1194.  
PMID: 24822237 [PubMed - indexed for MEDLINE]

[Related citations](#)

191. [Effectiveness of a prefabricated occlusal appliance in patients with temporomandibular joint pain: a randomized controlled multicenter study.](#)

Christidis N, Doepel M, Ekberg E, Ernberg M, Le Bell Y, Nilner M.  
J Oral Facial Pain Headache. 2014 Spring;28(2):128-37. doi: 10.11607/ofph.1216.  
PMID: 24822236 [PubMed - indexed for MEDLINE]

[Related citations](#)

192. [Patient education and self-care for the management of jaw pain upon awakening: a randomized controlled clinical trial comparing the effectiveness of adding pharmacologic treatment with cyclobenzaprine or tizanidine.](#)

Alencar FG Jr, Viana PG, Zamperini C, Becker A.  
J Oral Facial Pain Headache. 2014 Spring;28(2):119-27. doi: 10.11607/ofph.963.  
PMID: 24822235 [PubMed - indexed for MEDLINE]

[Related citations](#)

193. [Improved outcomes after alloplastic TMJ replacement: analysis of a multicenter study from Australia and New Zealand.](#)

Burgess M, Bowler M, Jones R, Hase M, Murdoch B.  
J Oral Maxillofac Surg. 2014 Jul;72(7):1251-7. doi: 10.1016/j.joms.2014.02.019. Epub 2014 Feb 19.  
PMID: 24820776 [PubMed - indexed for MEDLINE]

[Related citations](#)

194. [Association between painful temporomandibular disorders, sleep bruxism and tinnitus.](#)

Fernandes G, Siqueira JT, Godoi Gonçalves DA, Camparis CM.  
Braz Oral Res. 2014 Jan-Feb;28(1). pii: S1806-83242014000100220.  
PMID: 24820426 [PubMed - indexed for MEDLINE] **Free Article**

[Related citations](#)

195. [Influence of external and internal surface roughness modifications on ceramic flexural strength.](#)

Ruschel VC, Maia HP, Lopes GC.  
J Prosthet Dent. 2014 Oct;112(4):903-8. doi: 10.1016/j.prosdent.2014.04.003. Epub 2014 May 10.  
PMID: 24819531 [PubMed - in process]

[Related citations](#)

196. [Novel retromandibular subparotidomasseteric fascial approach for placement of a temporomandibular joint prosthesis.](#)

Candirli C, Taskesen F, Altintas N, Memis S.  
J Oral Maxillofac Surg. 2014 Jul;72(7):1266.e1-5. doi: 10.1016/j.joms.2014.03.016. Epub 2014 Mar 30.



PMID: 24813773 [PubMed - indexed for MEDLINE]

[Related citations](#)

197. [Bi-maxillary advancement surgery: Technique, indications and results.](#)  
Olivi P, Garcia C.  
Int Orthod. 2014 Jun;12(2):200-12. doi: 10.1016/j.ortho.2014.03.007. Epub 2014 May 9. English, French.  
PMID: 24813103 [PubMed - in process]  
[Related citations](#)
198. [Accelerating the complete denture rehabilitation process.](#)  
Ewoldsen N.  
Todays FDA. 2014 Mar-Apr;26(2):30-1, 33. No abstract available.  
PMID: 24812798 [PubMed - indexed for MEDLINE]  
[Related citations](#)
199. [Restoring class II cavities with composite resin, utilising the bulk filling technique.](#)  
Lally U.  
J Ir Dent Assoc. 2014 Apr-May;60(2):74-6. No abstract available.  
PMID: 24812757 [PubMed - indexed for MEDLINE]  
[Related citations](#)
200. [From concept to reality ... practically.](#)  
Buckley W.  
Int J Orthod Milwaukee. 2014 Spring;25(1):61-2. No abstract available.  
PMID: 24812745 [PubMed - indexed for MEDLINE]  
[Related citations](#)
201. [The use of Twin Force functional fixed orthopedic appliance in the treatment of Class II division 1 malocclusion.](#)  
Yamazaki MS, Rosário HD, El-Haje O, Alvim-Pereira F, Paranhos LR.  
Int J Orthod Milwaukee. 2014 Spring;25(1):57-60.  
PMID: 24812744 [PubMed - indexed for MEDLINE]  
[Related citations](#)
202. [Effectiveness of a fixed anterior bite plane in Class II deep-bite patients.](#)  
Deregibus A, Debernardi CL, Persin L, Tugarin V, Markova M.  
Int J Orthod Milwaukee. 2014 Spring;25(1):15-20.  
PMID: 24812736 [PubMed - indexed for MEDLINE]  
[Related citations](#)
203. [Oral pathology quiz #82. Case number 2. Frictional hyperkeratosis.](#)  
[No authors listed]  
J N J Dent Assoc. 2014 Winter;85(1):16, 20. No abstract available.  
PMID: 24812726 [PubMed - indexed for MEDLINE]  
[Related citations](#)
204. [Early intra-articular injection of alendronate reduces cartilage changes and subchondral bone loss in rat temporomandibular joints after ovariectomy.](#)  
Chen K, Zhang N, Ding L, Zhang W, Hu J, Zhu S.

Int J Oral Maxillofac Surg. 2014 Aug;43(8):996-1004. doi: 10.1016/j.ijom.2014.04.003. Epub 2014 May 6.

PMID: 24811289 [PubMed - in process]

[Related citations](#)

205. [SICAT function: anatomical real-dynamic articulation by merging cone beam computed tomography and jaw motion tracking data.](#)

Hanssen N, Ruge S, Kordass B.

Int J Comput Dent. 2014;17(1):65-74. English, German.

PMID: 24791466 [PubMed - indexed for MEDLINE]

[Related citations](#)

206. [The reliability of computerized condylar path angle assessment.](#)

Schierz O, Klinger N, Schön G, Reissmann DR.

Int J Comput Dent. 2014;17(1):35-51. English, German.

PMID: 24791464 [PubMed - indexed for MEDLINE]

[Related citations](#)

207. [Variability and reliability of muscle activity measurements during chewing.](#)

Kravchenko A, Weiser A, Hugger S, Kordass B, Hugger A, Wanke E.

Int J Comput Dent. 2014;17(1):21-33. English, German.

PMID: 24791463 [PubMed - indexed for MEDLINE]

[Related citations](#)

208. [Standard and limit values of mandibular condylar and incisal movement capacity.](#)

Kordass B, Bernhardt O, Ratzmann A, Hugger S, Hugger A.

Int J Comput Dent. 2014;17(1):9-20. English, German.

PMID: 24791462 [PubMed - indexed for MEDLINE]

[Related citations](#)

209. [The stress axis/DNA protocols in denture fabrication, part 2: case examples.](#)

Ford JP.

Dent Today. 2014 Feb;33(2):144, 146-7. No abstract available.

PMID: 24791311 [PubMed - indexed for MEDLINE]

[Related citations](#)

210. [Biologic restorative systems for predictability.](#)

Lowe RA.

Dent Today. 2014 Apr;33(4):134, 136-9. No abstract available.

PMID: 24791298 [PubMed - indexed for MEDLINE]

[Related citations](#)

211. [Using microscopes in fixed prosthodontics: try-in, adjustment, and insertion of crowns and bridges.](#)

Mamoun J, Napoletano D.

Dent Today. 2014 Apr;33(4):86, 88, 90-4; quiz 95. No abstract available.

PMID: 24791291 [PubMed - indexed for MEDLINE]

[Related citations](#)

212. [Severity of TMD related to age, sex and electromyographic analysis.](#)

Mazzetto MO, Rodrigues CA, Magri LV, Melchior MO, Paiva G.

Braz Dent J. 2014 Jan-Feb;25(1):54-8.

PMID: 24789293 [PubMed - in process] **Free Article**

[Related citations](#)

213. [Orthodontic treatment in a periodontal patient with pathologic migration of anterior teeth.](#)  
Xie Y, Zhao Q, Tan Z, Yang S.  
Am J Orthod Dentofacial Orthop. 2014 May;145(5):685-93. doi: 10.1016/j.ajodo.2013.08.018.  
PMID: 24785933 [PubMed - indexed for MEDLINE]  
[Related citations](#)
214. [Long-term orthodontic and surgical treatment and stability of a patient with Beckwith-Wiedemann syndrome.](#)  
Hikita R, Kobayashi Y, Tsuji M, Kawamoto T, Moriyama K.  
Am J Orthod Dentofacial Orthop. 2014 May;145(5):672-84. doi: 10.1016/j.ajodo.2013.08.019.  
PMID: 24785932 [PubMed - indexed for MEDLINE]  
[Related citations](#)
215. [Physical properties of root cementum: part 24. Root resorption of the first premolars after 4 weeks of occlusal trauma.](#)  
Cakmak F, Turk T, Karadeniz EI, Elekdag-Turk S, Darendeliler MA.  
Am J Orthod Dentofacial Orthop. 2014 May;145(5):617-25. doi: 10.1016/j.ajodo.2013.12.027.  
PMID: 24785926 [PubMed - indexed for MEDLINE]  
[Related citations](#)
216. [Comparison of orthodontic treatment outcomes in nonextraction, 2 maxillary premolar extraction, and 4 premolar extraction protocols with the American Board of Orthodontics objective grading system.](#)  
Akinci Cansunar H, Uysal T.  
Am J Orthod Dentofacial Orthop. 2014 May;145(5):595-602. doi: 10.1016/j.ajodo.2013.11.022.  
PMID: 24785923 [PubMed - indexed for MEDLINE]  
[Related citations](#)
217. [Three-dimensional longitudinal changes in craniofacial growth in untreated hemifacial microsomia patients with cone-beam computed tomography.](#)  
Shibazaki-Yorozuya R, Yamada A, Nagata S, Ueda K, Miller AJ, Maki K.  
Am J Orthod Dentofacial Orthop. 2014 May;145(5):579-94. doi: 10.1016/j.ajodo.2013.09.015.  
PMID: 24785922 [PubMed - indexed for MEDLINE]  
[Related citations](#)
218. [Management of the single discoloured tooth. Part 1: Aetiology, prevention and minimally invasive restorative options.](#)  
Barber A, King P.  
Dent Update. 2014 Mar;41(2):98-100, 102-4, 106-8 passim. Review.  
PMID: 24783878 [PubMed - indexed for MEDLINE]  
[Related citations](#)
219. [Finite element analysis of provisional structures of implant-supported complete prostheses.](#)  
Carneiro BA, de Brito RB Jr, França FM.  
J Oral Implantol. 2014 Apr;40(2):161-8. doi: 10.1563/AAID-JOI-D-11-00188.  
PMID: 24779949 [PubMed - indexed for MEDLINE]  
[Related citations](#)

220. [A three-year prospective randomized study of silorane- and methacrylate-based composite restorative systems in class II restorations.](#)  
Mahmoud SH, Ali AK, Hegazi HA.  
J Adhes Dent. 2014 Jun;16(3):285-92. doi: 10.3290/j.jad.a31939.  
PMID: 24779025 [PubMed - indexed for MEDLINE]  
[Related citations](#)
221. [Munchmeyer's disease-a rare case report and review of literature.](#)  
Sheth SB, Santhosh Kumar SN, Sabhlok S, Singh M.  
Dentomaxillofac Radiol. 2014;43(5):20140022. doi: 10.1259/dmfr.20140022. Epub 2014 Apr 29.  
Review.  
PMID: 24773627 [PubMed - indexed for MEDLINE]  
[Related citations](#)
222. [Bone vs. bite: correcting a dental cross-bite using a Kois deprogrammer.](#)  
Tambosso T.  
Compend Contin Educ Dent. 2014 Mar;35(3):186-91.  
PMID: 24773198 [PubMed - in process]  
[Related citations](#)
223. [Conservative esthetic rehabilitation of a young patient with amelogenesis imperfecta.](#)  
Tunkiwala A, Vazifdar D.  
Compend Contin Educ Dent. 2014 Mar;35(3):175-82.  
PMID: 24773197 [PubMed - in process]  
[Related citations](#)
224. [Arteriovenous fistula of the middle meningeal artery--a rare complication after arthroscopic temporomandibular joint surgery readily amenable to endovascular treatment.](#)  
Sacho RH, Kryshtalskyj B, Krings T.  
J Oral Maxillofac Surg. 2014 Jul;72(7):1258-65. doi: 10.1016/j.joms.2014.03.007. Epub 2014 Mar 24.  
PMID: 24768419 [PubMed - indexed for MEDLINE]  
[Related citations](#)
225. [Predictors for the development of temporomandibular disorders in scuba divers.](#)  
Lobbezoo F, van Wijk AJ, Klingler MC, Ruiz Vicente E, van Dijk CJ, Eijkman MA.  
J Oral Rehabil. 2014 Aug;41(8):573-80. doi: 10.1111/joor.12178. Epub 2014 Apr 28.  
PMID: 24766672 [PubMed - in process]  
[Related citations](#)
226. [Periodontal prosthesis: control of key factors from surgery to teeth preparation, occlusion and final cementation.](#)  
Grous A.  
Int J Esthet Dent. 2014 Summer;9(2):278-9. No abstract available.  
PMID: 24765634 [PubMed - indexed for MEDLINE]  
[Related citations](#)
227. [Extreme masking: achieving predictable outcomes in challenging situations with lithium disilicate bonded restorations.](#)  
Hatai Y.  
Int J Esthet Dent. 2014 Summer;9(2):206-22.

PMID: 24765627 [PubMed - indexed for MEDLINE]

[Related citations](#)

228. [Miniscrew-supported posterior intrusion for treatment of anterior open bite.](#)  
Scheffler NR, Proffit WR.  
J Clin Orthod. 2014 Mar;48(3):158-68. No abstract available.  
PMID: 24762374 [PubMed - indexed for MEDLINE]  
[Related citations](#)
229. [Bruxism and genetics: a review of the literature.](#)  
Lobbezoo F, Visscher CM, Ahlberg J, Manfredini D.  
J Oral Rehabil. 2014 Sep;41(9):709-14. doi: 10.1111/joor.12177. Epub 2014 Apr 25.  
PMID: 24762185 [PubMed - in process]  
[Related citations](#)
230. [Three-year clinical evaluation of different restorative resins in class I restorations.](#)  
Yazici AR, Ustunkol I, Ozgunaltay G, Dayangac B.  
Oper Dent. 2014 May-Jun;39(3):248-55. doi: 10.2341/13-221-C.  
PMID: 24754716 [PubMed - in process]  
[Related citations](#)
231. [Oral health status and behaviours of children with Autism Spectrum Disorder: a case-control study.](#)  
El Khatib AA, El Tekeya MM, El Tantawi MA, Omar T.  
Int J Paediatr Dent. 2014 Jul;24(4):314-23. doi: 10.1111/ipd.12067. Epub 2013 Sep 24.  
PMID: 24750459 [PubMed - in process]  
[Related citations](#)
232. [Relationship between self-reported sleep bruxism and pain in patients with temporomandibular disorders.](#)  
Blanco Aguilera A, Gonzalez Lopez L, Blanco Aguilera E, De la Hoz Aizpurua JL, Rodriguez Torronteras A, Segura Saint-Gerons R, Blanco Hungría A.  
J Oral Rehabil. 2014 Aug;41(8):564-72. doi: 10.1111/joor.12172. Epub 2014 Apr 18.  
PMID: 24750430 [PubMed - in process]  
[Related citations](#)
233. [Association between respiratory problems and dental caries in children with bruxism.](#)  
Motta LJ, Bortoletto CC, Marques AJ, Ferrari RA, Fernandes KP, Bussadori SK.  
Indian J Dent Res. 2014 Jan-Feb;25(1):9-13. doi: 10.4103/0970-9290.131047.  
PMID: 24748291 [PubMed - in process] **Free Article**  
[Related citations](#)
234. [Clinical application of removable partial dentures using thermoplastic resin. Part II: Material properties and clinical features of non-metal clasp dentures.](#)  
Fueki K, Ohkubo C, Yatabe M, Arakawa I, Arita M, Ino S, Kanamori T, Kawai Y, Kawara M, Komiyama O, Suzuki T, Nagata K, Hosoki M, Masumi S, Yamauchi M, Aita H, Ono T, Kondo H, Tamaki K, Matsuka Y, Tsukasaki H, Fujisawa M, Baba K, Koyano K, Yatani H.  
J Prosthodont Res. 2014 Apr;58(2):71-84. doi: 10.1016/j.jpor.2014.03.002. Epub 2014 Apr 18.  
PMID: 24746524 [PubMed - in process] **Free Article**  
[Related citations](#)
235. [Influence of the changes in arch width on postsurgical relapse after mandibular setback surgery with minimal orthodontics.](#)

Kim YK, Yun PY, Moon SW, Lee YS, Lee NK.

J Oral Maxillofac Surg. 2014 Sep;72(9):1820-31. doi: 10.1016/j.joms.2014.02.035. Epub 2014 Mar 3.

PMID: 24746397 [PubMed - indexed for MEDLINE]

[Related citations](#)

236. [The influence of vertical dimension of occlusion changes on the electroencephalograms of complete denture wearers.](#)

Matsuda R, Yoneyama Y, Morokuma M, Ohkubo C.

J Prosthodont Res. 2014 Apr;58(2):121-6. doi: 10.1016/j.jpor.2014.01.003. Epub 2014 Apr 16.

PMID: 24745815 [PubMed - in process]

[Related citations](#)

237. [Temporomandibular joint involvement in a cohort of patients with Juvenile Idiopathic Arthritis and evaluation of the effect induced by functional orthodontic appliance: clinical and radiographic investigation.](#)

Portelli M, Matarese G, Militi A, Logiudice G, Nucera R, Lucchese A.

Eur J Paediatr Dent. 2014 Mar;15(1):63-6.

PMID: 24745596 [PubMed - indexed for MEDLINE]

[Related citations](#)

238. [Use of the matching optimal symmetry plane method in planning surgical correction of facial asymmetry--a preliminary report of 20 patients.](#)

Wong TY, Liu JK, Fang JJ, Wu TC, Tu YH.

J Oral Maxillofac Surg. 2014 Jun;72(6):1180.e1-13. doi: 10.1016/j.joms.2014.02.020. Epub 2014 Feb 18.

PMID: 24742699 [PubMed - indexed for MEDLINE]

[Related citations](#)

239. [Are panoramic radiographs predictive of temporomandibular joint synovitis in children with juvenile idiopathic arthritis?](#)

Abramowicz S, Simon LE, Susarla HK, Lee EY, Cheon JE, Kim S, Kaban LB.

J Oral Maxillofac Surg. 2014 Jun;72(6):1063-9. doi: 10.1016/j.joms.2013.11.021. Epub 2013 Nov 28.

PMID: 24742698 [PubMed - indexed for MEDLINE]

[Related citations](#)

240. [How to achieve a good panoramic exposure.](#)

Rupertus MA.

Dent Assist. 2014 Jan-Feb;83(1):6-7. No abstract available.

PMID: 24741899 [PubMed - indexed for MEDLINE]

[Related citations](#)

241. [Tooth wear: a systematic review of treatment options.](#)

Muts EJ, van Pelt H, Edelhoff D, Krejci I, Cune M.

J Prosthet Dent. 2014 Oct;112(4):752-9. doi: 10.1016/j.prosdent.2014.01.018. Epub 2014 Apr 12.

PMID: 24721500 [PubMed - in process]

[Related citations](#)

242. [Comparing proton density and turbo spin echo T2 weighted static sequences with dynamic half-Fourier single-shot TSE pulse sequence at 3.0 T in diagnosis of temporomandibular joint disorders: a prospective study.](#)

Cassetta M, Barchetti F, Pranno N, Marini M.  
Dentomaxillofac Radiol. 2014;43(3):20130387. doi: 10.1259/dmfr.20130387.  
PMID: 24720606 [PubMed - indexed for MEDLINE]

[Related citations](#)

243. [Multidisciplinary treatment of peripheral osteoma arising from mandibular condyle in patient presenting with facial asymmetry.](#)

Nojima K, Niizuma-Kosaka F, Nishii Y, Sueishi K, Yamakura D, Ikumoto H, Ohata H, Inoue T.  
Bull Tokyo Dent Coll. 2014;55(1):39-47.

PMID: 24717929 [PubMed - in process] **Free Article**

[Related citations](#)

244. [Prevalence of sleep bruxism and associated factors in preschool children.](#)

Vieira-Andrade RG, Drumond CL, Martins-Júnior PA, Corrêa-Faria P, Gonzaga GC, Marques LS, Ramos-Jorge ML.

Pediatr Dent. 2014 Jan-Feb;36(1):46-50.

PMID: 24717709 [PubMed - in process]

[Related citations](#)

245. [Dental and skeletal changes in patients with mandibular retrognathism following treatment with Herbst and pre-adjusted fixed appliance.](#)

de Abreu Vigorito F, Dominguez GC, de Arruda Aida LA.

Dental Press J Orthod. 2014 Jan-Feb;19(1):46-54.

PMID: 24713559 [PubMed - in process]

[Related citations](#)

246. [Functional and fixed orthodontic treatment in a child with cerebral palsy.](#)

İşcan HN, Metin-Gürsoy G, Kale-Varlık S.

Am J Orthod Dentofacial Orthop. 2014 Apr;145(4):523-33. doi: 10.1016/j.ajodo.2013.06.025.

PMID: 24703291 [PubMed - indexed for MEDLINE]

[Related citations](#)

247. [Risk factors associated with incidence and persistence of frequent headaches.](#)

Marklund S, Häggman-Henrikson B, Wänman A.

Acta Odontol Scand. 2014 Nov;72(8):788-94. doi: 10.3109/00016357.2014.906652. Epub 2014 Apr 7.

PMID: 24702010 [PubMed - in process]

[Related citations](#)

248. [Polishing for glass ceramics: which protocol?](#)

Silva TM, Salvia AC, Carvalho RF, Pagani C, Rocha DM, Silva EG.

J Prosthodont Res. 2014 Jul;58(3):160-70. doi: 10.1016/j.jpor.2014.02.001. Epub 2014 Mar 28.

PMID: 24684959 [PubMed - in process]

[Related citations](#)

249. [EMG guided lateral pterygoid muscle Botox--A injection for chronic temporomandibular joint dislocation: 2 patient case report.](#)

Mynsberge M, Heidelman J, Bennett J.

J Indiana Dent Assoc. 2014 Winter;93(1):22-6. Review. No abstract available.

PMID: 24683765 [PubMed - indexed for MEDLINE]

[Related citations](#)

250. [A three-dimensional finite element analysis of short dental implants in the posterior maxilla.](#)  
Kim S, Kim S, Choi H, Woo D, Park YB, Shim JS, Kim HS, Lee KW.  
Int J Oral Maxillofac Implants. 2014 Mar-Apr;29(2):e155-64. doi: 10.11607/jomi.3210.  
PMID: 24683580 [PubMed - indexed for MEDLINE]  
[Related citations](#)
251. [A finite element study of short dental implants in the posterior maxilla.](#)  
van Staden RC, Li X, Guan H, Johnson NW, Reher P, Loo YC.  
Int J Oral Maxillofac Implants. 2014 Mar-Apr;29(2):e147-54. doi: 10.11607/jomi.3234.  
PMID: 24683579 [PubMed - indexed for MEDLINE]  
[Related citations](#)
252. [Interdisciplinary treatment of a nonsyndromic oligodontia patient with implant-anchored orthodontics.](#)  
Kuroda S, Iwata M, Tamamura N, Ganzorig K, Hichijo N, Tomita Y, Tanaka E.  
Am J Orthod Dentofacial Orthop. 2014 Apr;145(4 Suppl):S136-47. doi:  
10.1016/j.ajodo.2013.06.023.  
PMID: 24680022 [PubMed - indexed for MEDLINE]  
[Related citations](#)
253. [Orthodontic treatment combined with tooth transplantation for an adult patient with a missing mandibular first molar: long-term follow-up.](#)  
Watanabe Y, Mohri T, Yoshida R, Yamaki M, Saito I.  
Am J Orthod Dentofacial Orthop. 2014 Apr;145(4 Suppl):S114-24. doi:  
10.1016/j.ajodo.2013.07.018.  
PMID: 24680019 [PubMed - indexed for MEDLINE]  
[Related citations](#)
254. [Long-term stability of implant-anchored orthodontics in an adult patient with a Class II Division 2 malocclusion and a unilateral molar scissors-bite.](#)  
Ishihara Y, Kuroda S, Sugawara Y, Kurosaka H, Takano-Yamamoto T, Yamashiro T.  
Am J Orthod Dentofacial Orthop. 2014 Apr;145(4 Suppl):S100-13. doi:  
10.1016/j.ajodo.2013.07.016.  
PMID: 24680017 [PubMed - indexed for MEDLINE]  
[Related citations](#)
255. [Surgical planning, three-dimensional model surgery and preshaped implants in treatment of bilateral craniomaxillofacial post-traumatic deformities.](#)  
Cui J, Chen L, Guan X, Ye L, Wang H, Liu L.  
J Oral Maxillofac Surg. 2014 Jun;72(6):1138.e1-14. doi: 10.1016/j.joms.2014.02.023. Epub 2014 Feb 20.  
PMID: 24679954 [PubMed - indexed for MEDLINE]  
[Related citations](#)
256. [Dentofacial characteristics in orthodontic patients with centric relation-maximum intercuspation discrepancy.](#)  
Lim WH, Choi B, Lee JY, Ahn SJ.  
Angle Orthod. 2014 Nov;84(6):939-45. doi: 10.2319/123013-949.1. Epub 2014 Mar 27.  
PMID: 24673658 [PubMed - in process]  
[Related citations](#)



257. [Management of shortened dental arches and periodontal health: 5-year results of a randomised trial.](#)  
Walter MH, Marré B, Vach K, Strub J, Mundt T, Stark H, Pospiech P, Wöstmann B, Heydecke G, Kern M, Hartmann S, Luthardt R, Huppertz J, Wolfart S, Hannak W.  
J Oral Rehabil. 2014 Jul;41(7):515-22. doi: 10.1111/joor.12160. Epub 2014 Mar 27.  
PMID: 24673467 [PubMed - in process]  
[Related citations](#)
258. [Translation and validation of a Nepalese version of the Psychosocial Impact of Dental Aesthetic Questionnaire \(PIDAQ\).](#)  
Singh VP, Singh R.  
J Orthod. 2014 Mar;41(1):6-12. doi: 10.1179/1465313313Y.0000000079.  
PMID: 24671284 [PubMed - in process]  
[Related citations](#)
259. [Mandibular reconstruction with a prefabricated free vascularized fibula and implant-supported prosthesis based on fully three-dimensional virtual planning.](#)  
Freudlsperger C, Bodem JP, Engel E, Hoffmann J.  
J Craniofac Surg. 2014 May;25(3):980-2. doi: 10.1097/SCS.0000000000000551.  
PMID: 24670276 [PubMed - in process]  
[Related citations](#)
260. [Effect of root morphology on biomechanical behaviour of premolars associated with abfraction lesions and different loading types.](#)  
Soares PV, Souza LV, Veríssimo C, Zeola LF, Pereira AG, Santos-Filho PC, Fernandes-Neto AJ.  
J Oral Rehabil. 2014 Feb;41(2):108-14. doi: 10.1111/joor.12113. Epub 2013 Nov 15.  
PMID: 24666269 [PubMed - in process]  
[Related citations](#)
261. [Is there a trend of decreasing prevalence of TMD-related symptoms with ageing among the elderly?](#)  
Carlsson GE, Ekbäck G, Johansson A, Ordell S, Unell L.  
Acta Odontol Scand. 2014 Nov;72(8):714-20. doi: 10.3109/00016357.2014.898787. Epub 2014 Mar 25.  
PMID: 24666243 [PubMed - in process]  
[Related citations](#)
262. [Perception of laypersons and dental professionals and students as regards the aesthetic impact of gingival plastic surgery.](#)  
Pithon MM, Santos AM, Campos MS, Couto FS, dos Santos AF, Coqueiro Rda S, Oliveira DD, Tanaka OM.  
Eur J Orthod. 2014 Apr;36(2):173-8. doi: 10.1093/ejo/cjt020. Epub 2013 Apr 1.  
PMID: 24663008 [PubMed - in process]  
[Related citations](#)
263. [Temporomandibular joint arthritis as an initial presentation of acute myeloid leukemia with myelodysplasia-related changes: a report of an unusual case.](#)  
Brazelton J, Louis P, Sullivan J, Peker D.  
J Oral Maxillofac Surg. 2014 Sep;72(9):1677-83. doi: 10.1016/j.joms.2014.02.007. Epub 2014 Feb 13.  
PMID: 24661537 [PubMed - indexed for MEDLINE]

[Related citations](#)

264. [Evaluation of oro-facial function in young subjects with temporomandibular disorders.](#)  
Kobayashi FY, Gavião MB, Montes AB, Marquezin MC, Castelo PM.  
J Oral Rehabil. 2014 Jul;41(7):496-506. doi: 10.1111/joor.12163. Epub 2014 Mar 24.  
PMID: 24661101 [PubMed - in process]

[Related citations](#)

265. [The efficacy of a specific stabilization splint.](#)  
Zonnenberg AJ, Mulder J.  
Cranio. 2014 Jan;32(1):68-74.  
PMID: 24660650 [PubMed - indexed for MEDLINE]

[Related citations](#)

266. [Comparison of masticatory muscle myofascial pain in patients with and without a chief complaint of headache.](#)  
Karibe H, Goddard G, Okubo M.  
Cranio. 2014 Jan;32(1):57-62.  
PMID: 24660648 [PubMed - indexed for MEDLINE]

[Related citations](#)

267. [Efficacy of red and infrared lasers in treatment of temporomandibular disorders--a double-blind, randomized, parallel clinical trial.](#)  
Pereira TS, Flecha OD, Guimarães RC, de Oliveira D, Botelho AM, Ramos Glória JC, Aguiar Tavano KT.  
Cranio. 2014 Jan;32(1):51-6.  
PMID: 24660647 [PubMed - indexed for MEDLINE]

[Related citations](#)

268. [Jaw clenching effects in relation to two extreme occlusal features: patterns of diagnoses in a TMD patient population.](#)  
Manfredini D, Vano M, Peretta R, Guarda-Nardini L.  
Cranio. 2014 Jan;32(1):45-50.  
PMID: 24660646 [PubMed - indexed for MEDLINE]

[Related citations](#)

269. [Low-level laser therapy for management of TMJ osteoarthritis.](#)  
Madani AS, Ahrari F, Nasiri F, Abtahi M, Tunér J.  
Cranio. 2014 Jan;32(1):38-44.  
PMID: 24660645 [PubMed - indexed for MEDLINE]

[Related citations](#)

270. [Stomatognathic system involvement in rheumatoid arthritis patients.](#)  
Bono AE, Learreta JA, Rodriguez G, Marcos JC.  
Cranio. 2014 Jan;32(1):31-7.  
PMID: 24660644 [PubMed - indexed for MEDLINE]

[Related citations](#)

271. [Comprehensive treatment of temporomandibular joint disorders.](#)  
Navrátil L, Navrátil V, Hajkova S, Hlinakova P, Dostalova T, Vranová J.  
Cranio. 2014 Jan;32(1):24-30.

PMID: 24660643 [PubMed - indexed for MEDLINE]

[Related citations](#)

272. [Clinician accuracy when subjectively interpreting articulating paper markings.](#)

Kerstein RB, Radke J.

Cranio. 2014 Jan;32(1):13-23.

PMID: 24660642 [PubMed - indexed for MEDLINE]

[Related citations](#)

273. [Who is in control--the teeth or the temporomandibular joints?](#)

Simmons HC 3rd.

Cranio. 2014 Jan;32(1):11-2. No abstract available.

PMID: 24660641 [PubMed - indexed for MEDLINE]

[Related citations](#)

274. [New CRANIO cover information.](#)

Lunn RH.

Cranio. 2014 Jan;32(1):7. No abstract available.

PMID: 24660639 [PubMed - indexed for MEDLINE]

[Related citations](#)

275. [Treating a failing dentition: stable implant-supported removable restorations.](#)

Massad JJ, Ahuja S, Verma M.

Dent Today. 2014 Jan;33(1):134, 136-9. No abstract available.

PMID: 24660445 [PubMed - indexed for MEDLINE]

[Related citations](#)

276. [The stress axis/DNA protocols in denture fabrication, part I.](#)

Ford JP.

Dent Today. 2014 Jan;33(1):128, 130-3. No abstract available.

PMID: 24660444 [PubMed - indexed for MEDLINE]

[Related citations](#)

277. [Systematic review on success of narrow-diameter dental implants.](#)

Klein MO, Schiegnitz E, Al-Nawas B.

Int J Oral Maxillofac Implants. 2014;29 Suppl:43-54. doi: 10.11607/jomi.2014suppl.g1.3. Review.

PMID: 24660189 [PubMed - indexed for MEDLINE]

[Related citations](#)

278. [Influence of experimental oesophageal acidification on masseter muscle activity, cervicofacial behaviour and autonomic nervous activity in wakefulness.](#)

Ohmure H, Sakoguchi Y, Nagayama K, Numata M, Tsubouchi H, Miyawaki S.

J Oral Rehabil. 2014 Jun;41(6):423-31. doi: 10.1111/joor.12159. Epub 2014 Mar 21.

PMID: 24655114 [PubMed - in process]

[Related citations](#)

279. [Peri-implantitis: etiology, diagnosis and treatment: an update.](#)

Elemek E, Almas K.

N Y State Dent J. 2014 Jan;80(1):26-32. Review.

PMID: 24654366 [PubMed - indexed for MEDLINE]

[Related citations](#)

280. [A study of the temporomandibular joint during bruxism.](#)  
Commisso MS, Martínez-Reina J, Mayo J.  
Int J Oral Sci. 2014 Jun;6(2):116-23. doi: 10.1038/ijos.2014.4. Epub 2014 Mar 21.  
PMID: 24651655 [PubMed - indexed for MEDLINE]  
[Related citations](#)
281. [Comparison of intermaxillary fixation screw versus eyelet interdental wiring for intermaxillary fixation in minimally displaced mandibular fracture: a randomized clinical study.](#)  
Ingole PD, Garg A, Shenoi SR, Badjate SJ, Budhraja N.  
J Oral Maxillofac Surg. 2014 May;72(5):958.e1-7. doi: 10.1016/j.joms.2014.01.005. Epub 2014 Jan 18.  
PMID: 24642133 [PubMed - indexed for MEDLINE]  
[Related citations](#)
282. [Information for patients undergoing treatment for toothwear with resin composite restorations placed at an increased occlusal vertical dimension.](#)  
Burke FJ.  
Dent Update. 2014 Jan-Feb;41(1):28-30, 33-4, 37-8. Review.  
PMID: 24640475 [PubMed - indexed for MEDLINE]  
[Related citations](#)
283. [Effect of fluoride varnish supplemented with sodium trimetaphosphate on enamel erosion and abrasion.](#)  
Manarelli MM, Moretto MJ, Sasaki KT, Martinhon CC, Pessan JP, Delbem AC.  
Am J Dent. 2013 Dec;26(6):307-12.  
PMID: 24640433 [PubMed - indexed for MEDLINE]  
[Related citations](#)
284. [Evaluation of mandibular reconstruction with particulate cancellous bone marrow and titanium mesh after mandibular resection due to tumor surgery.](#)  
Miyamoto I, Yamashita Y, Yamamoto N, Nogami S, Yamauchi K, Yoshiga D, Kaneuji T, Takahashi T.  
Implant Dent. 2014 Apr;23(2):108-15. doi: 10.1097/ID.0000000000000041.  
PMID: 24637525 [PubMed - in process]  
[Related citations](#)
285. [Theoretical efficacy of preventive measures for pathologic fracture after surgical removal of mandibular lesions based on a three-dimensional finite element analysis.](#)  
Murakami K, Yamamoto K, Tsuyuki M, Sugiura T, Tsutsumi S, Kirita T.  
J Oral Maxillofac Surg. 2014 Apr;72(4):833.e1-18. doi: 10.1016/j.joms.2013.12.019. Epub 2014 Jan 3.  
PMID: 24635857 [PubMed - indexed for MEDLINE]  
[Related citations](#)
286. [Effect of diazepam on temporomandibular joints in rats with increased occlusal vertical dimension.](#)  
Figueroba SR, Desjardins MP, Nani BD, Ferreira LE, Rossi AC, Santos FA, Venâncio PC, Aguiar FH, Groppo FC.  
Br J Oral Maxillofac Surg. 2014 May;52(5):438-44. doi: 10.1016/j.bjoms.2014.02.009. Epub 2014 Mar 12.  
PMID: 24629451 [PubMed - in process]  
[Related citations](#)

287. [Is there an association between anxiety/depression and temporomandibular disorders in college students?](#)  
Calixtre LB, Grüniger BL, Chaves TC, Oliveira AB.  
J Appl Oral Sci. 2014 Jan-Feb;22(1):15-21. doi: 10.1590/1678-775720130054.  
PMID: 24626244 [PubMed - indexed for MEDLINE] **Free PMC Article**  
[Related citations](#)
288. [TMJ response to mandibular advancement surgery: an overview of risk factors.](#)  
Valladares-Neto J, Cevidanes LH, Rocha WC, Almeida Gde A, Paiva JB, Rino-Neto J.  
J Appl Oral Sci. 2014 Jan-Feb;22(1):2-14. doi: 10.1590/1678-775720130056. Review.  
PMID: 24626243 [PubMed - indexed for MEDLINE] **Free PMC Article**  
[Related citations](#)
289. [Temporomandibular disorder, facial pain and the need for high level information.](#)  
Conti PC, Bonjardim LR.  
J Appl Oral Sci. 2014 Jan-Feb;22(1):1. doi: 10.1590/1678-77572014ed001. No abstract available.  
PMID: 24626242 [PubMed - indexed for MEDLINE] **Free PMC Article**  
[Related citations](#)
290. [Managing neurological disorders in the dental practice: schizophrenia.](#)  
Busch EC, Callahan LK, Jones CJ, Pellegrini JM.  
J Okla Dent Assoc. 2014 Jan;105(1):31-3. No abstract available.  
PMID: 24624748 [PubMed - indexed for MEDLINE]  
[Related citations](#)
291. [Transcriptional regulation of proteoglycan 4 by 17 \$\beta\$ -estradiol in immortalized baboon temporomandibular joint disc cells.](#)  
McDaniel JS, Akula Suresh Babu R, Navarro MM, LeBaron RG.  
Eur J Oral Sci. 2014 Apr;122(2):100-8. doi: 10.1111/eos.12119.  
PMID: 24621258 [PubMed - in process]  
[Related citations](#)
292. [Replacement of a mandibular implant-fixed prosthesis with an implant-supported overdenture to improve maintenance and care.](#)  
Matsuda K, Kurushima Y, Enoki K, Ikebe K, Maeda Y.  
J Prosthodont Res. 2014 Apr;58(2):132-6. doi: 10.1016/j.jpor.2013.12.004. Epub 2014 Mar 6.  
PMID: 24613617 [PubMed - in process]  
[Related citations](#)
293. [Survival of anterior cantilevered all-ceramic resin-bonded fixed dental prostheses made from zirconia ceramic.](#)  
Sasse M, Kern M.  
J Dent. 2014 Jun;42(6):660-3. doi: 10.1016/j.jdent.2014.02.021. Epub 2014 Mar 5.  
PMID: 24613605 [PubMed - in process]  
[Related citations](#)
294. [Digital occlusal splint for condylar reconstruction in children with temporomandibular joint ankylosis.](#)  
Lu C, Huang D, He D, Yang C, Yuan J.  
J Oral Maxillofac Surg. 2014 Aug;72(8):1585-93. doi: 10.1016/j.joms.2013.12.033. Epub 2014 Jan 15.  
PMID: 24613028 [PubMed - indexed for MEDLINE]

[Related citations](#)

295. [Comparability of clinical wear measurements by optical 3D laser scanning in two different centers.](#)  
Stober T, Heuschmid N, Zellweger G, Rousson V, Rues S, Heintze SD.  
Dent Mater. 2014 May;30(5):499-506. doi: 10.1016/j.dental.2014.02.001. Epub 2014 Mar 5.  
PMID: 24612841 [PubMed - in process]

[Related citations](#)

296. [Determination of a pressure pain threshold cut-off value for the diagnosis of temporomandibular joint arthralgia.](#)  
Cunha CO, Pinto-Fiamengui LM, Castro AC, Lauris JR, Conti PC.  
J Oral Rehabil. 2014 May;41(5):323-9. doi: 10.1111/joor.12158. Epub 2014 Mar 11.  
PMID: 24612404 [PubMed - in process]

[Related citations](#)

297. [Isotonic resistance jaw exercise alters jaw muscle coordination during jaw movements.](#)  
Wirianski A, Deall S, Whittle T, Wong M, Murray GM, Peck CC.  
J Oral Rehabil. 2014 May;41(5):353-66. doi: 10.1111/joor.12153. Epub 2014 Feb 26.  
PMID: 24612288 [PubMed - in process]

[Related citations](#)

298. [Influence of maximum bite force on jaw movement during gummy jelly mastication.](#)  
Kuninori T, Tomonari H, Uehara S, Kitashima F, Yagi T, Miyawaki S.  
J Oral Rehabil. 2014 May;41(5):338-45. doi: 10.1111/joor.12149. Epub 2014 Feb 26.  
PMID: 24612273 [PubMed - in process]

[Related citations](#)

299. [Development of a speech-discriminating electromyogram system for routine ambulatory recordings for the low-level masseter muscle activity.](#)  
Kumazaki Y, Naito M, Kawakami S, Hirata A, Oki K, Minagi S.  
J Oral Rehabil. 2014 Apr;41(4):266-74. doi: 10.1111/joor.12138.  
PMID: 24612227 [PubMed - indexed for MEDLINE]

[Related citations](#)

300. [Posterior scissors-bite: masticatory jaw movement and muscle activity.](#)  
Tomonari H, Kubota T, Yagi T, Kuninori T, Kitashima F, Uehara S, Miyawaki S.  
J Oral Rehabil. 2014 Apr;41(4):257-65. doi: 10.1111/joor.12148.  
PMID: 24612226 [PubMed - indexed for MEDLINE]

[Related citations](#)

301. [Electromyographic evaluation of masticatory muscles at rest and maximal intercuspal positions of the mandible in children with sleep bruxism.](#)  
Lucas Bde L, Barbosa Tde S, Pereira LJ, Gavião MB, Castelo PM.  
Eur Arch Paediatr Dent. 2014 Aug;15(4):269-74. doi: 10.1007/s40368-014-0111-6. Epub 2014 Mar 6.  
PMID: 24599796 [PubMed - in process]

[Related citations](#)

302. [Precision occlusal splints and the diagnosis of occlusal problems in myogenous orofacial pain patients.](#)  
Kidder GM, Solow RA.  
Gen Dent. 2014 Mar-Apr;62(2):24-31.

PMID: 24598491 [PubMed - in process]

[Related citations](#)

303. [The role of a dentist in managing patients with dystonia.](#)  
Watt E, Sangani I, Crawford F, Gillgrass T.  
Dent Update. 2013 Dec;40(10):846-8.  
PMID: 24597030 [PubMed - indexed for MEDLINE]  
[Related citations](#)
304. [Dental materials--what goes where? The current status of glass ionomer as a material for loadbearing restorations in posterior teeth.](#)  
Burke FJ.  
Dent Update. 2013 Dec;40(10):840-4. Review.  
PMID: 24597029 [PubMed - indexed for MEDLINE]  
[Related citations](#)
305. [Long and short term management of implant-supported mandibular overdentures.](#)  
Parmar S, Karir N, Walmsley D, Patel U.  
Dent Update. 2013 Dec;40(10):830-2, 834-5.  
PMID: 24597027 [PubMed - indexed for MEDLINE]  
[Related citations](#)
306. [The clinical performance of porcelain-fused-to-metal precious alloy single crowns: chipping, recurrent caries, periodontitis, and loss of retention.](#)  
Behr M, Zeman F, Baitinger T, Galler J, Koller M, Handel G, Rosentritt M.  
Int J Prosthodont. 2014 Mar-Apr;27(2):153-60. doi: 10.11607/ijp.3440.  
PMID: 24596914 [PubMed - indexed for MEDLINE]  
[Related citations](#)
307. [Frequency of relining procedures during the maintenance period of removable prostheses: an experiential report.](#)  
Maeda Y, Yang TC, Ikebe K, Andoh T.  
Int J Prosthodont. 2014 Mar-Apr;27(2):151-2. doi: 10.11607/ijp.3799.  
PMID: 24596913 [PubMed - indexed for MEDLINE]  
[Related citations](#)
308. [Noninvasive restoration of severe erosion by means of CAD/CAM indirect composite occlusal restorations: a technical note.](#)  
Schepke U, Cune MS.  
Int J Prosthodont. 2014 Mar-Apr;27(2):134-6. doi: 10.11607/ijp.3768.  
PMID: 24596909 [PubMed - indexed for MEDLINE]  
[Related citations](#)
309. [Bruxism in prospective studies of veneered zirconia restorations-a systematic review.](#)  
Schmitter M, Boemicke W, Stober T.  
Int J Prosthodont. 2014 Mar-Apr;27(2):127-33. doi: 10.11607/ijp.3652. Review.  
PMID: 24596908 [PubMed - indexed for MEDLINE]  
[Related citations](#)
310. [Analysis of the effects of a mandibular advancement device on sleep bruxism using polysomnography, the BiteStrip, the sleep assessment questionnaire, and occlusal force.](#)  
Mainieri VC, Saueressig AC, Fagundes SC, Teixeira ER, Rehm DD, Grossi ML.

Int J Prosthodont. 2014 Mar-Apr;27(2):119-26. doi: 10.11607/ijp.3675.

PMID: 24596907 [PubMed - indexed for MEDLINE]

[Related citations](#)

311. [Nanoscale adhesion forces between enamel pellicle proteins and hydroxyapatite.](#)  
Vukosavljevic D, Hutter JL, Helmerhorst EJ, Xiao Y, Custodio W, Zaidan FC, Oppenheim FG, Siqueira WL.  
J Dent Res. 2014 May;93(5):514-9. doi: 10.1177/0022034514526599. Epub 2014 Mar 3.  
PMID: 24591293 [PubMed - indexed for MEDLINE]  
[Related citations](#)
312. [A multi-centred clinical audit to describe the efficacy of direct supra-coronal splinting--a minimally invasive approach to the management of cracked tooth syndrome.](#)  
Banerji S, Mehta SB, Kamran T, Kalakonda M, Millar BJ.  
J Dent. 2014 Jul;42(7):862-71. doi: 10.1016/j.jdent.2014.02.017. Epub 2014 Feb 28.  
PMID: 24589848 [PubMed - in process]  
[Related citations](#)
313. [Impact of oral diseases and disorders on oral-health-related quality of life of children with cerebral palsy.](#)  
Abanto J, Ortega AO, Raggio DP, Bönecker M, Mendes FM, Ciamponi AL.  
Spec Care Dentist. 2014 Mar-Apr;34(2):56-63. doi: 10.1111/scd.12028. Epub 2013 Jun 4.  
PMID: 24588489 [PubMed - in process]  
[Related citations](#)
314. [Interdisciplinary treatment of a patient with bilateral cleft lip and palate and congenitally missing and transposed teeth.](#)  
Germec-Cakan D, Canter HI, Cakan U, Demir B.  
Am J Orthod Dentofacial Orthop. 2014 Mar;145(3):381-92. doi: 10.1016/j.ajodo.2013.06.021.  
PMID: 24582029 [PubMed - indexed for MEDLINE]  
[Related citations](#)
315. [Cervical vertebral column morphology and head posture in preorthodontic patients with anterior open bite.](#)  
Kim P, Sarauw MT, Sonnesen L.  
Am J Orthod Dentofacial Orthop. 2014 Mar;145(3):359-66. doi: 10.1016/j.ajodo.2013.11.017.  
PMID: 24582027 [PubMed - indexed for MEDLINE]  
[Related citations](#)
316. [Soft-tissue profile growth in patients with repaired complete unilateral cleft lip and palate: A cephalometric comparison with normal controls at ages 7, 11, and 18 years.](#)  
Moreira I, Suri S, Ross B, Tompson B, Fisher D, Lou W.  
Am J Orthod Dentofacial Orthop. 2014 Mar;145(3):341-58. doi: 10.1016/j.ajodo.2013.11.018.  
PMID: 24582026 [PubMed - indexed for MEDLINE]  
[Related citations](#)
317. [Dentoalveolar compensation according to skeletal discrepancy and overjet in skeletal Class III patients.](#)  
Kim SJ, Kim KH, Yu HS, Baik HS.  
Am J Orthod Dentofacial Orthop. 2014 Mar;145(3):317-24. doi: 10.1016/j.ajodo.2013.11.014.  
PMID: 24582023 [PubMed - indexed for MEDLINE]



[Related citations](#)

318. [Adult orthodontic patients' views regarding dentofacial normality: a qualitative study.](#)  
Stanford ND, Ip TB, Durham J.  
Am J Orthod Dentofacial Orthop. 2014 Mar;145(3):287-95. doi: 10.1016/j.ajodo.2013.11.016.  
PMID: 24582020 [PubMed - indexed for MEDLINE]

[Related citations](#)

319. [Effect of fluoride gels supplemented with sodium trimetaphosphate on enamel erosion and abrasion: in vitro study.](#)  
Pancote LP, Manarelli MM, Danelon M, Delbem AC.  
Arch Oral Biol. 2014 Mar;59(3):336-40. doi: 10.1016/j.archoralbio.2013.12.007. Epub 2013 Dec 28.  
PMID: 24581857 [PubMed - indexed for MEDLINE]

[Related citations](#)

320. [New palatal distraction device by both bone-borne and tooth-borne force application in a paramedian bone anchorage site: surgical and occlusal considerations on clinical cases.](#)  
Cortese A, Savastano G, Amato M, Cantone A, Boschetti C, Claudio PP.  
J Craniofac Surg. 2014 Mar;25(2):589-95. doi: 10.1097/SCS.0000000000000674.  
PMID: 24577304 [PubMed - in process]

[Related citations](#)

321. [Cytokines in healthy temporomandibular joint synovial fluid.](#)  
Kristensen KD, Alstergren P, Stoustrup P, Kùseler A, Herlin T, Pedersen TK.  
J Oral Rehabil. 2014 Apr;41(4):250-6. doi: 10.1111/joor.12146. Epub 2014 Feb 27.  
PMID: 24575711 [PubMed - indexed for MEDLINE]

[Related citations](#)

322. [Call it what it is.](#)  
Greco PM.  
Am J Orthod Dentofacial Orthop. 2014 Feb;145(2):130. doi: 10.1016/j.ajodo.2013.11.003. No abstract available.  
PMID: 24572706 [PubMed - indexed for MEDLINE]

[Related citations](#)

323. [Reliability of multiple-degree incisal/occlusal tooth wear assessment on dental casts: findings from a fiveexaminer investigation and related clinical implications.](#)  
Paesani DA, Guarda-Nardini L, Gelos C, Salmaso L, Manfredini D.  
Quintessence Int. 2014 Mar;45(3):259-64. doi: 10.3290/j.qi.a31212.  
PMID: 24570994 [PubMed - in process]

[Related citations](#)

324. [Negotiating the severely resorbed extraction site: a clinical case report with histologic sample.](#)  
Wang CW, Koo S, Kim D, Machtei EE.  
Quintessence Int. 2014 Mar;45(3):203-8. doi: 10.3290/j.qi.a31207.  
PMID: 24570987 [PubMed - in process]

[Related citations](#)

325. [Occlusion and occlusal characteristics of primary dentition in North Indian children of East Lucknow region.](#)  
Khan R, Singh N, Govil S, Tandon S.

Eur Arch Paediatr Dent. 2014 Oct;15(5):293-9. doi: 10.1007/s40368-014-0113-4. Epub 2014 Feb 22.

PMID: 24563172 [PubMed - in process]

[Related citations](#)

326. [Use of dentifrices to prevent erosive tooth wear: harmful or helpful?](#)

Magalhaes AC, Wiegand A, Buzalaf MA.

Braz Oral Res. 2014;28 Spec:1-6. doi: 10.1590/S1806-83242013005000035. Review.

PMID: 24554098 [PubMed - indexed for MEDLINE] **Free Article**

[Related citations](#)

327. [A cephalometric study to determine the plane of occlusion in completely edentulous patients.](#)

Hindocha AD, Vartak VN, Bhandari AJ, Dudani MT.

Indian J Dent Res. 2013 Nov-Dec;24(6):669-73. doi: 10.4103/0970-9290.127606.

PMID: 24552924 [PubMed - in process] **Free Article**

[Related citations](#)

328. [Validity of functional diagnostic examination for temporomandibular joint disc displacement with reduction.](#)

Marpaung CM, Kalaykova SI, Lobbezoo F, Naeije M.

J Oral Rehabil. 2014 Apr;41(4):243-9. doi: 10.1111/joor.12130. Epub 2014 Feb 18.

PMID: 24533784 [PubMed - indexed for MEDLINE]

[Related citations](#)

329. [Orbitofrontal monobloc advancement for Crouzon syndrome.](#)

Laure B, Moret A, Joly A, Travers N, Listrat A, Krastinova D, Goga D.

J Craniomaxillofac Surg. 2014 Sep;42(6):e335-8. doi: 10.1016/j.jcms.2014.01.030. Epub 2014 Jan 18.

PMID: 24530078 [PubMed - in process]

[Related citations](#)

330. [Complete mouth rehabilitation after transposition osteotomy based on intraoral scanning: an experimental approach.](#)

Güth JF, Edelhoff D, Ihloff H, Mast G.

J Prosthet Dent. 2014 Aug;112(2):89-93. doi: 10.1016/j.prosdent.2013.10.020. Epub 2014 Feb 12.

PMID: 24529842 [PubMed - in process]

[Related citations](#)

331. [Tophaceous pseudogout of the temporomandibular joint: a series of 3 cases.](#)

Abdelsayed RA, Said-Al-Naief N, Salguero M, Holmes J, El-Mofty SK.

Oral Surg Oral Med Oral Pathol Oral Radiol. 2014 Mar;117(3):369-75. doi: 10.1016/j.oooo.2013.12.007. Epub 2013 Dec 14.

PMID: 24528794 [PubMed - indexed for MEDLINE]

[Related citations](#)

332. [The influence of different registration positions on condyle displacement in symptomatic patients.](#)

Linsen SS, Blattner F, Stratmann U.

Oral Surg Oral Med Oral Pathol Oral Radiol. 2014 Mar;117(3):312-8. doi: 10.1016/j.oooo.2013.11.498. Epub 2013 Dec 7.

PMID: 24528791 [PubMed - indexed for MEDLINE]

[Related citations](#)

333. [The effect of temporomandibular disorders on condition-specific quality of life in patients with dentofacial deformities.](#)  
Al-Ahmad HT, Al-Bitar ZB.  
Oral Surg Oral Med Oral Pathol Oral Radiol. 2014 Mar;117(3):293-301. doi: 10.1016/j.oooo.2013.11.493. Epub 2013 Nov 19.  
PMID: 24528790 [PubMed - indexed for MEDLINE]  
[Related citations](#)
334. [Jaw deviation and ankylosis caused by condylar osteochondroma: long-term treatment outcome.](#)  
Kim SG, Lim H, Chang CN, Lo LJ.  
J Oral Maxillofac Surg. 2014 Mar;72(3):604.e1-14. doi: 10.1016/j.joms.2013.11.020. Epub 2013 Nov 28.  
PMID: 24528566 [PubMed - indexed for MEDLINE]  
[Related citations](#)
335. [Augmented corticotomy-assisted surgical orthodontics decompensates lower incisors in Class III malocclusion patients.](#)  
Wang B, Shen G, Fang B, Yu H, Wu Y, Sun L.  
J Oral Maxillofac Surg. 2014 Mar;72(3):596-602. doi: 10.1016/j.joms.2013.08.021.  
PMID: 24528564 [PubMed - indexed for MEDLINE]  
[Related citations](#)
336. [The reproducibility of temporomandibular joint vibrations over time in the human.](#)  
Zhang J, Whittle T, Wang L, Murray GM.  
J Oral Rehabil. 2014 Mar;41(3):206-17. doi: 10.1111/joor.12141. Epub 2014 Feb 7.  
PMID: 24527845 [PubMed - indexed for MEDLINE]  
[Related citations](#)
337. [Stress analysis of temporomandibular joint disc during maintained clenching using a viscohyperelastic finite element model.](#)  
Aoun M, Mesnard M, Monède-Hocquard L, Ramos A.  
J Oral Maxillofac Surg. 2014 Jun;72(6):1070-7. doi: 10.1016/j.joms.2013.11.031. Epub 2013 Dec 13.  
PMID: 24485980 [PubMed - indexed for MEDLINE]  
[Related citations](#)
338. [Long-term occlusal changes assessed by the American Board of Orthodontics' model grading system.](#)  
Aszkler RM, Preston CB, Saltaji H, Tabbaa S.  
Am J Orthod Dentofacial Orthop. 2014 Feb;145(2):173-8. doi: 10.1016/j.ajodo.2013.10.010.  
PMID: 24485731 [PubMed - indexed for MEDLINE]  
[Related citations](#)
339. [Evaluation of cone-beam computed tomography in the diagnosis of simulated small osseous defects in the mandibular condyle.](#)  
Patel A, Tee BC, Fields H, Jones E, Chaudhry J, Sun Z.  
Am J Orthod Dentofacial Orthop. 2014 Feb;145(2):143-56. doi: 10.1016/j.ajodo.2013.10.014.  
PMID: 24485728 [PubMed - indexed for MEDLINE]  
[Related citations](#)
340. [Condylar position.](#)

Hudson JM.

Am J Orthod Dentofacial Orthop. 2014 Feb;145(2):126. doi: 10.1016/j.ajodo.2013.12.003. No abstract available.

PMID: 24485721 [PubMed - indexed for MEDLINE]

[Related citations](#)

341. [Authors' response.](#)

Kandasamy S, Boeddinghaus R, Kruger E.

Am J Orthod Dentofacial Orthop. 2014 Feb;145(2):126-7. doi: 10.1016/j.ajodo.2013.12.004. No abstract available.

PMID: 24485720 [PubMed - indexed for MEDLINE]

[Related citations](#)

342. [Tailored treatments in temporomandibular disorders: where are we now? A systematic qualitative literature review.](#)

Kotiranta U, Suvinen T, Forssell H.

J Oral Facial Pain Headache. 2014 Winter;28(1):28-37. doi: 10.11607/jop.1121. Review.

PMID: 24482785 [PubMed - indexed for MEDLINE]

[Related citations](#)

343. [Diagnostic Criteria for Temporomandibular Disorders \(DC/TMD\) for Clinical and Research Applications: recommendations of the International RDC/TMD Consortium Network\\* and Orofacial Pain Special Interest Group†.](#)

Schiffman E, Ohrbach R, Truelove E, Look J, Anderson G, Goulet JP, List T, Svensson P, Gonzalez Y, Lobbezoo F, Michelotti A, Brooks SL, Ceusters W, Drangsholt M, Ettlin D, Gaul C, Goldberg LJ, Haythornthwaite JA, Hollender L, Jensen R, John MT, De Laat A, de Leeuw R, Maixner W, van der Meulen M, Murray GM, Nixdorf DR, Palla S, Petersson A, Pionchon P, Smith B, Visscher CM, Zakrzewska J, Dworkin SF; International RDC/TMD Consortium Network, International association for Dental Research; Orofacial Pain Special Interest Group, International Association for the Study of Pain.

J Oral Facial Pain Headache. 2014 Winter;28(1):6-27. doi: 10.11607/jop.1151.

PMID: 24482784 [PubMed - indexed for MEDLINE]

[Related citations](#)

344. [Two new entities: newly developed diagnostic criteria for temporomandibular disorders, and the Journal of Oral & Facial Pain and Headache.](#)

Sessle BJ.

J Oral Facial Pain Headache. 2014 Winter;28(1):5. No abstract available.

PMID: 24482783 [PubMed - indexed for MEDLINE]

[Related citations](#)

345. [Analysis of temporomandibular joint ankylosis caused by condylar fracture in adults.](#)

He D, Cai Y, Yang C.

J Oral Maxillofac Surg. 2014 Apr;72(4):763.e1-9. doi: 10.1016/j.joms.2013.12.015. Epub 2013 Dec 27.

PMID: 24480772 [PubMed - indexed for MEDLINE]

[Related citations](#)

346. [Influence of high expansion dental stone on the changes in the occlusal vertical dimension of complete dentures.](#)

Salloum AM.

Eur J Prosthodont Restor Dent. 2013 Dec;21(4):182-6.

PMID: 24479215 [PubMed - indexed for MEDLINE]

[Related citations](#)

347. [Relationship between friction force and orthodontic force at the leveling stage using a coated wire.](#)  
Murayama M, Namura Y, Tamura T, Iwai H, Shimizu N.  
J Appl Oral Sci. 2013 Nov-Dec;21(6):554-9. doi: 10.1590/1679-775720130325.  
PMID: 24473722 [PubMed - indexed for MEDLINE] **Free PMC Article**  
[Related citations](#)
348. [Stability of Class II treatment with the Bionator followed by fixed appliances.](#)  
Francisconi MF, Henriques JF, Janson G, Freitas KM, Santos PB.  
J Appl Oral Sci. 2013 Nov-Dec;21(6):547-53. doi: 10.1590/1679-775720130002.  
PMID: 24473721 [PubMed - indexed for MEDLINE] **Free PMC Article**  
[Related citations](#)
349. [The teaching of temporomandibular disorders and orofacial pain at undergraduate level in Brazilian dental schools.](#)  
Simm W, Guimarães AS.  
J Appl Oral Sci. 2013 Nov-Dec;21(6):518-24. doi: 10.1590/1679-775720130235.  
PMID: 24473717 [PubMed - indexed for MEDLINE] **Free PMC Article**  
[Related citations](#)
350. [Using conservative condylectomy for management of a large osteochondroma of the mandibular condyle with 6-year follow-up.](#)  
Santos GS, Gomes JB, de Sousa Maia S, Bermejo PR, Shinohara EH, Sonoda CK, de Melo WM.  
J Craniofac Surg. 2014 Mar;25(2):e102-4. doi: 10.1097/SCS.0000000000000430.  
PMID: 24469370 [PubMed - in process]  
[Related citations](#)
351. [Clinical application of removable partial dentures using thermoplastic resin-part I: definition and indication of non-metal clasp dentures.](#)  
Fueki K, Ohkubo C, Yatabe M, Arakawa I, Arita M, Ino S, Kanamori T, Kawai Y, Kawara M, Komiyama O, Suzuki T, Nagata K, Hosoki M, Masumi S, Yamauchi M, Aita H, Ono T, Kondo H, Tamaki K, Matsuka Y, Tsukasaki H, Fujisawa M, Baba K, Koyano K, Yatani H.  
J Prosthodont Res. 2014 Jan;58(1):3-10. doi: 10.1016/j.jpor.2013.12.002. Epub 2014 Jan 22.  
Review.  
PMID: 24461323 [PubMed - indexed for MEDLINE] **Free Article**  
[Related citations](#)
352. [The neuromuscular approach towards interdisciplinary cooperation in medicine.](#)  
Yurchenko M, Hubáľková H, Klepáček I, Machoň V, Mazánek J.  
Int Dent J. 2014 Feb;64(1):12-9. doi: 10.1111/idj.12057. Epub 2013 Sep 13. Review.  
PMID: 24460590 [PubMed - indexed for MEDLINE]  
[Related citations](#)
353. [TMJ degeneration in SAMP8 mice is accompanied by deranged Ihh signaling.](#)  
Ishizuka Y, Shibukawa Y, Nagayama M, Decker R, Kinumatsu T, Saito A, Pacifici M, Koyama E.  
J Dent Res. 2014 Mar;93(3):281-7. doi: 10.1177/0022034513519649. Epub 2014 Jan 22.  
PMID: 24453178 [PubMed - indexed for MEDLINE]  
[Related citations](#)

354. [Paranasal bone: the prime factor affecting the decision to use transsinus vs zygomatic implants for biomechanical support for immediate function in maxillary dental implant reconstruction.](#)  
Jensen OT, Adams MW, Smith E.  
Int J Oral Maxillofac Implants. 2014 Jan-Feb;29(1):e130-8. doi: 10.11607/jomi.te52.  
PMID: 24451881 [PubMed - indexed for MEDLINE]  
[Related citations](#)
355. [Enamel wear caused by monolithic zirconia crowns after 6 months of clinical use.](#)  
Stober T, Bermejo JL, Rammelsberg P, Schmitter M.  
J Oral Rehabil. 2014 Apr;41(4):314-22. doi: 10.1111/joor.12139. Epub 2014 Jan 22.  
PMID: 24447258 [PubMed - indexed for MEDLINE]  
[Related citations](#)
356. [Influence of different narrative instructions to record the occlusal contact with silicone registration materials.](#)  
Obara R, Komiyama O, Iida T, Asano T, De Laat A, Kawara M.  
J Oral Rehabil. 2014 Mar;41(3):218-25. doi: 10.1111/joor.12134. Epub 2014 Jan 22.  
PMID: 24447195 [PubMed - indexed for MEDLINE]  
[Related citations](#)
357. [Evaluation of the non-functional tooth contact in patients with temporomandibular disorders by using newly developed electronic system.](#)  
Funato M, Ono Y, Baba K, Kudo Y.  
J Oral Rehabil. 2014 Mar;41(3):170-6. doi: 10.1111/joor.12129. Epub 2014 Jan 22.  
PMID: 24447128 [PubMed - indexed for MEDLINE]  
[Related citations](#)
358. [Functional dental occlusion: an anthropological perspective and implications for practice.](#)  
Kaidonis JA, Ranjitkar S, Lekkas D, Brook AH, Townsend GC.  
Aust Dent J. 2014 Jun;59 Suppl 1:162-73. doi: 10.1111/adj.12133. Epub 2014 Jan 21.  
PMID: 24444303 [PubMed - indexed for MEDLINE]  
[Related citations](#)
359. [Prevalence of whiplash trauma in TMD patients: a systematic review.](#)  
Häggman-Henrikson B, Rezvani M, List T.  
J Oral Rehabil. 2014 Jan;41(1):59-68. doi: 10.1111/joor.12123. Epub 2013 Dec 30. Review.  
PMID: 24443899 [PubMed - indexed for MEDLINE]  
[Related citations](#)
360. [Expanding the taxonomy of the diagnostic criteria for temporomandibular disorders.](#)  
Peck CC, Goulet JP, Lobbezoo F, Schiffman EL, Alstergren P, Anderson GC, de Leeuw R, Jensen R, Michelotti A, Ohrbach R, Petersson A, List T.  
J Oral Rehabil. 2014 Jan;41(1):2-23. doi: 10.1111/joor.12132. Review.  
PMID: 24443898 [PubMed - indexed for MEDLINE]  
[Related citations](#)
361. [New TMD classification - new year for JOR.](#)  
Svensson P, Whelan L.  
J Oral Rehabil. 2014 Jan;41(1):1. doi: 10.1111/joor.12143. No abstract available.  
PMID: 24443897 [PubMed - indexed for MEDLINE]

[Related citations](#)

362. [Vertical ridge augmentation using the modified shell technique--a case report.](#)

Stimmelmayer M, Güth JF, Schlee M, Beuer F.

J Oral Maxillofac Surg. 2014 Feb;72(2):286-91. doi: 10.1016/j.joms.2013.09.004.

PMID: 24438597 [PubMed - indexed for MEDLINE]

[Related citations](#)

363. [Value of cone-beam computed tomography in the process of diagnosis and management of disorders of the temporomandibular joint.](#)

de Boer EW, Dijkstra PU, Stegenga B, de Bont LG, Spijkervet FK.

Br J Oral Maxillofac Surg. 2014 Mar;52(3):241-6. doi: 10.1016/j.bjoms.2013.12.007. Epub 2014 Jan 14.

PMID: 24434112 [PubMed - in process]

[Related citations](#)

364. [Prevalence of disc displacement of various severities among young preorthodontic population: a magnetic resonance imaging study.](#)

Ikeda K, Kawamura A, Ikeda R.

J Prosthodont. 2014 Jul;23(5):397-401. doi: 10.1111/jopr.12126. Epub 2014 Jan 16.

PMID: 24433345 [PubMed - in process]

[Related citations](#)

365. [A conservative and reversible approach for restoring worn teeth: a clinical report.](#)

Alfadda SA.

J Prosthet Dent. 2014 Jul;112(1):18-21. doi: 10.1016/j.prosdent.2013.05.005. Epub 2014 Jan 11.

PMID: 24423457 [PubMed - in process]

[Related citations](#)

366. [Three-dimensional tooth crown size symmetry in cleft lip and cleft palate.](#)

Akcam MO, Aydemir H, Özer L, Özel B, Toygar-Memikoğlu TU.

Angle Orthod. 2014 Jul;84(4):623-7. doi: 10.2319/072013-526.1. Epub 2014 Jan 14.

PMID: 24423204 [PubMed - in process]

[Related citations](#)

367. [Detection of sleep bruxism: comparison between an electromyographic and electrocardiographic portable holter and polysomnography.](#)

Castroflorio T, Deregibus A, Bargellini A, Debernardi C, Manfredini D.

J Oral Rehabil. 2014 Mar;41(3):163-9. doi: 10.1111/joor.12131. Epub 2014 Jan 7.

PMID: 24417585 [PubMed - indexed for MEDLINE]

[Related citations](#)

368. [Prevalence of signs and symptoms indicative of temporomandibular disorders and headaches in 35-, 50-, 65- and 75-year-olds living in Västerbotten, Sweden.](#)

Yekkalam N, Wänman A.

Acta Odontol Scand. 2014 Aug;72(6):458-65. doi: 10.3109/00016357.2013.860620. Epub 2014 Jan 13.

PMID: 24417523 [PubMed - in process]

[Related citations](#)

369. [Ganglion cyst of the temporomandibular joint.](#)

Heng-Kun W, Yan-Ling G, Wen-Feng Z, Zhe S, Ren-Xin W, Xiao-Tao Z.

Rev Stomatol Chir Maxillofac Chir Orale. 2014 Feb;115(1):62-4. doi: 10.1016/j.revsto.2013.09.004. Epub 2014 Jan 9. Review.

PMID: 24412035 [PubMed - indexed for MEDLINE]

[Related citations](#)

370. [Detection accuracy of condylar defects in cone beam CT images scanned with different resolutions and units.](#)

Zhang ZL, Shi XQ, Ma XC, Li G.

Dentomaxillofac Radiol. 2014;43(3):20130414. doi: 10.1259/dmfr.20130414. Epub 2014 Jan 22.

PMID: 24408818 [PubMed - indexed for MEDLINE]

[Related citations](#)

371. [Prosthetic rehabilitation of an edentulous patient with cleft palate.](#)

Sarmento HR, Rodrigues PB, Marcello-Machado RM, Pinto LR, Faot F.

Gen Dent. 2014 Jan-Feb;62(1):e32-5.

PMID: 24401362 [PubMed - in process]

[Related citations](#)

372. [Polysomnographic analysis of bruxism.](#)

Trindade Mde O, Rodriguez AG.

Gen Dent. 2014 Jan-Feb;62(1):56-60.

PMID: 24401352 [PubMed - in process]

[Related citations](#)

373. [In vitro assessment of a toothpaste range specifically designed for children.](#)

Churchley D, Schemehorn BR.

Int Dent J. 2013 Dec;63 Suppl 2:48-56. doi: 10.1111/idj.12071.

PMID: 24283284 [PubMed - indexed for MEDLINE]

[Related citations](#)

374. [Analysis of brain and muscle activity during low-level tooth clenching--a feasibility study with a novel biting device.](#)

Iida T, Overgaard A, Komiyama O, Weibull A, Baad-Hansen L, Kawara M, Sundgren PC, List T, Svensson P.

J Oral Rehabil. 2014 Feb;41(2):93-100. doi: 10.1111/joor.12128. Epub 2014 Jan 7.

PMID: 24393147 [PubMed - in process]

[Related citations](#)

375. [Timing interventions in relation to temporomandibular joint closed lock duration: a systematic review of 'locking duration'.](#)

Al-Baghdadi M, Durham J, Steele J.

J Oral Rehabil. 2014 Jan;41(1):24-58. doi: 10.1111/joor.12126. Epub 2014 Jan 7. Review.

PMID: 24393132 [PubMed - indexed for MEDLINE]

[Related citations](#)

376. [A survey of management strategies for noncarious cervical lesions.](#)

Estafan A, Bartlett D, Goldstein G.

Int J Prosthodont. 2014 Jan-Feb;27(1):87-90. doi: 10.11607/ijp.3585.

PMID: 24392484 [PubMed - indexed for MEDLINE]

[Related citations](#)



377. [Suppression of sleep bruxism: effect of electrical stimulation of the masseter muscle triggered by heart rate elevation.](#)  
Sumiya M, Mizumori T, Kobayashi Y, Inano S, Yatani H.  
Int J Prosthodont. 2014 Jan-Feb;27(1):80-6. doi: 10.11607/ijp.3330.  
PMID: 24392483 [PubMed - indexed for MEDLINE]  
[Related citations](#)
378. [Occlusal tooth wear in patients of a dental school's prosthodontic department in Xi'an, China.](#)  
Meng M, Zhang Q, Witter DJ, Bronkhorst EM, Creugers NH, Ma C, Zhang S.  
Int J Prosthodont. 2014 Jan-Feb;27(1):54-60. doi: 10.11607/ijp.3642.  
PMID: 24392478 [PubMed - indexed for MEDLINE]  
[Related citations](#)
379. [A classification system for conditions causing condylar hyperplasia.](#)  
Wolford LM, Movahed R, Perez DE.  
J Oral Maxillofac Surg. 2014 Mar;72(3):567-95. doi: 10.1016/j.joms.2013.09.002. Epub 2014 Jan 1.  
PMID: 24388179 [PubMed - indexed for MEDLINE]  
[Related citations](#)
380. [A cusp supporting framework design can decrease critical stresses in veneered molar crowns.](#)  
Kirsten A, Parkot D, Raith S, Fischer H.  
Dent Mater. 2014 Mar;30(3):321-6. doi: 10.1016/j.dental.2013.12.004. Epub 2013 Dec 31.  
PMID: 24388004 [PubMed - in process]  
[Related citations](#)
381. [Technique tips -- a simplified method of recording centric relation contact position \(CRCP\) using the leaf gauge.](#)  
Campbell S.  
Dent Update. 2013 Nov;40(9):780. No abstract available.  
PMID: 24386771 [PubMed - indexed for MEDLINE]  
[Related citations](#)
382. [Conservative temporomandibular disorder management: what DO I do? -- frequently asked questions.](#)  
Gray RJ, Al-Ani Z.  
Dent Update. 2013 Nov;40(9):745-8, 751-2, 754-6.  
PMID: 24386767 [PubMed - indexed for MEDLINE]  
[Related citations](#)
383. [Management of unilaterally impacted multiple posterior teeth: a case report.](#)  
Walia PS, Kumar S, Singla A, Grover V.  
Aust Orthod J. 2013 Nov;29(2):209-16.  
PMID: 24380142 [PubMed - indexed for MEDLINE]  
[Related citations](#)
384. [Effects of four premolar extractions on vermilion height and lip area during a posed smile in patients with bimaxillary protrusion.](#)  
Trisnawaty N, Ioi H, Kitahara T, Suzuki A, Takahashi I.  
Aust Orthod J. 2013 Nov;29(2):176-83.  
PMID: 24380138 [PubMed - indexed for MEDLINE]

[Related citations](#)

385. [Reliability of a portable device for the detection of sleep bruxism.](#)  
Deregibus A, Castroflorio T, Bargellini A, Debernardi C.  
Clin Oral Investig. 2014 Nov;18(8):2037-43. doi: 10.1007/s00784-013-1168-z. Epub 2013 Dec 28.  
PMID: 24374575 [PubMed - in process]

[Related citations](#)

386. [Thirty-two-year follow-up study of Herbst therapy: a biometric dental cast analysis.](#)  
Pancherz H, Bjerklin K, Lindskog-Stokland B, Hansen K.  
Am J Orthod Dentofacial Orthop. 2014 Jan;145(1):15-27. doi: 10.1016/j.ajodo.2013.09.012.  
PMID: 24373651 [PubMed - indexed for MEDLINE]

[Related citations](#)

387. [Occlusal tooth wear in Chinese adults with shortened dental arches.](#)  
Zhang Q, Witter DJ, Bronkhorst EM, Bartlett DW, Creugers NH.  
J Oral Rehabil. 2014 Feb;41(2):101-7. doi: 10.1111/joor.12119. Epub 2013 Dec 23.  
PMID: 24372138 [PubMed - in process]

[Related citations](#)

388. [Memory-related gene expression profile of the male rat hippocampus induced by teeth extraction and occlusal support recovery.](#)  
Iida S, Hara T, Araki D, Ishimine-Kuroda C, Kurozumi A, Sakamoto S, Miyazaki T, Minagi S.  
Arch Oral Biol. 2014 Feb;59(2):133-41. doi: 10.1016/j.archoralbio.2013.10.003. Epub 2013 Oct 29.  
PMID: 24370184 [PubMed - indexed for MEDLINE]

[Related citations](#)

389. [A better definition of counselling strategies is needed to define effectiveness in temporomandibular disorders management.](#)  
Manfredini D.  
Evid Based Dent. 2013 Dec;14(4):118-9. doi: 10.1038/sj.ebd.6400972.  
PMID: 24357826 [PubMed - indexed for MEDLINE]

[Related citations](#)

390. [Contrast-enhanced microCT \(EPIC- \$\mu\$ CT\) ex vivo applied to the mouse and human jaw joint.](#)  
Renders GA, Mulder L, Lin AS, Langenbach GE, Koolstra JH, Guldborg RE, Everts V.  
Dentomaxillofac Radiol. 2014;43(2):20130098. doi: 10.1259/dmfr.20130098. Epub 2013 Dec 18.  
PMID: 24353248 [PubMed - indexed for MEDLINE]

[Related citations](#)

391. [Is autogenous abdominal fat transplantation into a large temporomandibular joint defect following removal of failed alloplastic prosthesis a definitive treatment?](#)  
Tekin U, Keller EE, Delone DR.  
J Oral Maxillofac Surg. 2014 May;72(5):868-85. doi: 10.1016/j.joms.2013.10.008. Epub 2013 Oct 25.  
PMID: 24342582 [PubMed - indexed for MEDLINE]

[Related citations](#)

392. [Is the frequency of temporomandibular dysfunction different in various mandibular fractures?](#)  
Tabrizi R, Bahramnejad E, Mohaghegh M, Alipour S.  
J Oral Maxillofac Surg. 2014 Apr;72(4):755-61. doi: 10.1016/j.joms.2013.10.018. Epub 2013 Oct 31.

PMID: 24342579 [PubMed - indexed for MEDLINE]

[Related citations](#)

393. [Navigation-assisted mandibular body distraction osteogenesis: a preliminary study in goats.](#)

Cai M, Shen G, Cheng AH, Lin Y, Yu D, Ye M.

J Oral Maxillofac Surg. 2014 Jan;72(1):168.e1-7. doi: 10.1016/j.joms.2013.09.016.

PMID: 24331570 [PubMed - indexed for MEDLINE]

[Related citations](#)

394. [Relationship between vertical facial patterns and dental arch form in class II malocclusion.](#)

Grippaudo C, Oliva B, Greco AL, Sferra S, Deli R.

Prog Orthod. 2013 Nov 7;14:43. doi: 10.1186/2196-1042-14-43.

PMID: 24326093 [PubMed - indexed for MEDLINE]

[Related citations](#)

395. [Comparison of transverse analysis between posteroanterior cephalogram and cone-beam computed tomography.](#)

Lee KM, Hwang HS, Cho JH.

Angle Orthod. 2014 Jul;84(4):715-9. doi: 10.2319/072613-555.1. Epub 2013 Dec 10.

PMID: 24325622 [PubMed - in process]

[Related citations](#)

396. [Alveolar sandwich osteotomy in resorbed alveolar ridge for dental implants: a 4-year prospective study.](#)

Laviv A, Jensen OT, Tarazi E, Casap N.

J Oral Maxillofac Surg. 2014 Feb;72(2):292-303. doi: 10.1016/j.joms.2013.09.036. Epub 2013 Oct 5.

PMID: 24321312 [PubMed - indexed for MEDLINE]

[Related citations](#)

397. [Early loading of hydrophilic titanium implants inserted in low-mineralized \(D3 and D4\) bone: one year results of a prospective clinical trial.](#)

Held U, Rohner D, Rothamel D.

Head Face Med. 2013 Dec 9;9:37. doi: 10.1186/1746-160X-9-37.

PMID: 24321192 [PubMed - indexed for MEDLINE] **Free PMC Article**

[Related citations](#)

398. [Influence of occlusal loading on peri-implant clinical parameters. A pilot study.](#)

Pellicer-Chover H, Viña-Almunia J, Romero-Millán J, Peñarrocha-Oltra D, García-Mira B, Peñarrocha-Diogo M.

Med Oral Patol Oral Cir Bucal. 2014 May 1;19(3):e302-7.

PMID: 24316708 [PubMed - in process] **Free PMC Article**

[Related citations](#)

399. [Risk factors for temporomandibular disorder: binary logistic regression analysis.](#)

Magalhães BG, de-Sousa ST, de Mello VV, da-Silva-Barbosa AC, de-Assis-Morais MP, Barbosa-Vasconcelos MM, Caldas-Júnior AD.

Med Oral Patol Oral Cir Bucal. 2014 May 1;19(3):e232-6.

PMID: 24316706 [PubMed - in process] **Free PMC Article**

[Related citations](#)

400. [An in vitro study into the accuracy of a novel method for recording the mandibular transverse horizontal axis.](#)  
Keeling AJ, Brunton PA, Holt RJ.  
J Dent. 2014 Feb;42(2):122-8. doi: 10.1016/j.jdent.2013.11.019. Epub 2013 Dec 6.  
PMID: 24315880 [PubMed - in process]  
[Related citations](#)
401. [Salivary cortisol and psychological factors in women with chronic and acute oro-facial pain.](#)  
Jasim H, Louca S, Christidis N, Ernberg M.  
J Oral Rehabil. 2014 Feb;41(2):122-32. doi: 10.1111/joor.12118. Epub 2013 Dec 7.  
PMID: 24313837 [PubMed - in process]  
[Related citations](#)
402. [Temporomandibular joint dysfunction in Moebius syndrome.](#)  
Di Blasio A, Cassi D, Di Blasio C, Gandolfini M.  
Eur J Paediatr Dent. 2013 Dec;14(4):295-8.  
PMID: 24313581 [PubMed - indexed for MEDLINE]  
[Related citations](#)
403. [Overexpressed TGF- \$\beta\$  in subchondral bone leads to mandibular condyle degradation.](#)  
Jiao K, Zhang M, Niu L, Yu S, Zhen G, Xian L, Yu B, Yang K, Liu P, Cao X, Wang M.  
J Dent Res. 2014 Feb;93(2):140-7. doi: 10.1177/0022034513513034. Epub 2013 Dec 5.  
PMID: 24309371 [PubMed - indexed for MEDLINE]  
[Related citations](#)
404. [Changes in the lip-line in asymmetrical cases treated with isolated mandibular surgery.](#)  
Fujita T, Shirakura M, Koh M, Itoh G, Hayashi H, Tanne K.  
J Orthod. 2013 Dec;40(4):313-7. doi: 10.1179/1465313313Y.0000000056.  
PMID: 24297963 [PubMed - indexed for MEDLINE]  
[Related citations](#)
405. [Apicotomy: surgical management of maxillary dilacerated or ankylosed canines.](#)  
Araújo EA, Araújo CV, Tanaka OM.  
Am J Orthod Dentofacial Orthop. 2013 Dec;144(6):909-15. doi: 10.1016/j.ajodo.2013.01.023.  
PMID: 24286914 [PubMed - indexed for MEDLINE]  
[Related citations](#)
406. [Occlusal stability.](#)  
Wiens JP, Priebe JW.  
Dent Clin North Am. 2014 Jan;58(1):19-43. doi: 10.1016/j.cden.2013.09.014. Review.  
PMID: 24286644 [PubMed - indexed for MEDLINE]  
[Related citations](#)
407. [Is there a link between tinnitus and temporomandibular disorders?](#)  
Burgers R, Kleinjung T, Behr M, Vielsmeier V.  
J Prosthet Dent. 2014 Mar;111(3):222-7. doi: 10.1016/j.prosdent.2013.10.001. Epub 2013 Nov 25.  
PMID: 24286640 [PubMed - in process]  
[Related citations](#)

408. [Le Fort IV + I distraction osteogenesis using an internal device for syndromic craniosynostosis.](#)  
Sakamoto Y, Nakajima H, Tamada I, Sakamoto T.  
J Oral Maxillofac Surg. 2014 Apr;72(4):788-95. doi: 10.1016/j.joms.2013.09.041. Epub 2013 Oct 10.  
PMID: 24280175 [PubMed - indexed for MEDLINE]  
[Related citations](#)
409. [Temporomandibular disorders: a review of etiology, clinical management, and tissue engineering strategies.](#)  
Murphy MK, MacBarb RF, Wong ME, Athanasiou KA.  
Int J Oral Maxillofac Implants. 2013 Nov-Dec;28(6):e393-414. doi: 10.11607/jomi.te20. Review.  
PMID: 24278954 [PubMed - indexed for MEDLINE]  
[Related citations](#)
410. [Malocclusion and treatment need in children and adolescents with sickle cell disease.](#)  
Alves e Luna AC, Godoy F, de Menezes VA.  
Angle Orthod. 2014 May;84(3):467-72. doi: 10.2319/070913-503.1. Epub 2013 Nov 25.  
PMID: 24274957 [PubMed - in process]  
[Related citations](#)
411. [The significance of lower jaw position in relation to postural stability. Comparison of a premanufactured occlusal splint with the Dental Power Splint.](#)  
Ohlendorf D, Riegel M, Lin Chung T, Kopp S.  
Minerva Stomatol. 2013 Nov-Dec;62(11-12):409-17.  
PMID: 24270202 [PubMed - indexed for MEDLINE]  
[Related citations](#)
412. [Dental and alveolar arch forms in a Caucasian population compared with commercially available archwires.](#)  
Lombardo L, Fattori L, Molinari C, Mirabella D, Siciliani G.  
Int Orthod. 2013 Dec;11(4):389-421. doi: 10.1016/j.ortho.2013.09.005. Epub 2013 Oct 23. English, French.  
PMID: 24269725 [PubMed - in process]  
[Related citations](#)
413. [Stability of mandibular setback surgery with and without presurgical orthodontics.](#)  
Kim CS, Lee SC, Kyung HM, Park HS, Kwon TG.  
J Oral Maxillofac Surg. 2014 Apr;72(4):779-87. doi: 10.1016/j.joms.2013.09.033. Epub 2013 Oct 2.  
PMID: 24268965 [PubMed - indexed for MEDLINE]  
[Related citations](#)
414. [Role of computed tomographic angiography in treatment of patients with temporomandibular joint ankylosis.](#)  
Susarla SM, Peacock ZS, Williams WB, Rabinov JD, Keith DA, Kaban LB.  
J Oral Maxillofac Surg. 2014 Feb;72(2):267-76. doi: 10.1016/j.joms.2013.09.024. Epub 2013 Nov 20.  
PMID: 24268963 [PubMed - indexed for MEDLINE]  
[Related citations](#)
415. [Clinical and radiological outcomes after treatment of sagittal fracture of mandibular condyle \(SFMC\) by using occlusal splint in children.](#)

Liu CK, Meng FW, Tan XY, Xu J, Liu HW, Liu SX, Huang HT, Yan RZ, Hu M, Hu KJ.  
Br J Oral Maxillofac Surg. 2014 Feb;52(2):144-8. doi: 10.1016/j.bjoms.2013.10.007. Epub 2013 Nov 18.

PMID: 24262674 [PubMed - in process]

[Related citations](#)

416. [Special distraction osteogenesis before bone grafting for alveolar cleft defects to correct maxillary deformities in patients with bilateral cleft lips and palates: distraction osteogenesis performed separately for each bone segment.](#)

Mitsukawa N, Saiga A, Morishita T, Satoh K.

J Craniomaxillofac Surg. 2014 Jul;42(5):623-8. doi: 10.1016/j.jcms.2013.09.003. Epub 2013 Oct 14.

PMID: 24256944 [PubMed - in process]

[Related citations](#)

417. [MRI in a case of osteosarcoma in the temporomandibular joint.](#)

Uchiyama Y, Matsumoto K, Murakami S, Kanesaki T, Matsumoto A, Kishino M, Furukawa S.

Dentomaxillofac Radiol. 2014;43(2):20130280. doi: 10.1259/dmfr.20130280. Epub 2013 Nov 18.

PMID: 24247589 [PubMed - indexed for MEDLINE]

[Related citations](#)

418. [Effect of platelet-rich plasma on fibrocartilage, cartilage, and bone repair in temporomandibular joint.](#)

Kütük N, Baş B, Soylu E, Gönen ZB, Yılmaz C, Balcioglu E, Özdamar S, Alkan A.

J Oral Maxillofac Surg. 2014 Feb;72(2):277-84. doi: 10.1016/j.joms.2013.09.011. Epub 2013 Nov 13.

PMID: 24239096 [PubMed - indexed for MEDLINE]

[Related citations](#)

419. [A paradigm shift in orthognathic surgery? A comparison of navigation, computer-aided designed/computer-aided manufactured splints, and "classic" intermaxillary splints to surgical transfer of virtual orthognathic planning.](#)

Zinser MJ, Sailer HF, Ritter L, Braumann B, Maegele M, Zöller JE.

J Oral Maxillofac Surg. 2013 Dec;71(12):2151.e1-21. doi: 10.1016/j.joms.2013.07.007.

PMID: 24237776 [PubMed - indexed for MEDLINE]

[Related citations](#)

420. [Changes in masticatory function after injection of botulinum toxin type A to masticatory muscles.](#)

Park HU, Kim BI, Kang SM, Kim ST, Choi JH, Ahn HJ.

J Oral Rehabil. 2013 Dec;40(12):916-22. doi: 10.1111/joor.12111. Epub 2013 Nov 8.

PMID: 24237358 [PubMed - indexed for MEDLINE]

[Related citations](#)