

## THE AMERICAN BOARD OF ORTHODONTICS WRITTEN EXAMINATION READING LIST 2025

The objective of this reading list is to offer the practicing orthodontist a list of references, which may serve as a source of knowledge in preparing for certification. This reading list includes papers of historical as well as scientific interest. It is intended to give the orthodontist a broad perspective of the changing world of orthodontic theory and practice. It should be clearly understood that a bibliography, such as this, is not all encompassing and does not remain static. It will be continuously subject to additions and deletions. Whenever possible, links to the resource, full text or article abstracts are provided. *If you or your school are not subscribers to the journals included on this reading list, it may be possible to purchase single article access through the publisher. The ABO and/or AAO library cannot provide the full text if the article or journal is not open access.*

The American Board of Orthodontics does not consider any of the articles and/or texts to contain the indisputable answer to any questions within the field of orthodontics. Examinees are responsible for the content of the entire reading list, even though some references may not be represented by an exam question. Current literature and textbooks on orthodontics may be studied in addition to the suggested references.

### RESOURCES *(links verified July 2024)*

1. Autism Spectrum Disorder (ASD): Signs and Symptoms of Autism Spectrum Disorder. Centers for Disease Control and Prevention, <https://www.cdc.gov/ncbddd/autism/signs.html>
2. Down Syndrome: Centers for Disease Control and Prevention, <https://www.cdc.gov/birth-defects/about/down-syndrome.html> **NEW**
3. Institute of Medicine. 1997. Dietary Reference Intakes for Calcium, Phosphorus, Magnesium, Vitamin D, and Fluoride. Washington, DC: The National Academies Press. <https://nap.nationalacademies.org/catalog/5776/dietary-reference-intakes-for-calcium-phosphorus-magnesium-vitamin-d-and-fluoride> **NEW**
4. Primal's 3D Atlas of Human Dentistry. Pharma Intelligence UK Limited/Primal Pictures. Use this link to obtain discounted access for six months: <https://www.primalpictures.com/adoptions/abo>
5. The American Board of Orthodontics. <https://www.americanboardortho.com/>

6. 2020 American Heart Association Guidelines for CPR and ECC. American Heart Association, <https://cpr.heart.org/en/resuscitation-science/cpr-and-ecc-guidelines>
7. Viral Hepatitis: Hepatitis C. Centers for Disease Control and Prevention, <https://www.cdc.gov/hepatitis/hcv/index.htm>
8. Vaccines and Preventable Diseases. Centers for Disease Control and Prevention, <https://www.cdc.gov/vaccines> **NEW**
9. Centers for Disease Control and Prevention: Guidelines for Disinfection and Sterilization in Healthcare Facilities 2008, <https://www.cdc.gov/infectioncontrol/guidelines/disinfection/> **NEW**

## TEXTBOOKS

1. Berkowitz S: Cleft Lip and Palate-Diagnosis and Management. Ed. 2, Singular, 2006. **NEW**
2. English JD, Akyalcin S, Peltomaki T, et al: Mosby's Orthodontic Review, ed. 2, Mosby, 2015.
3. Fehrenbach M, Popowics T: Illustrated Dental Embryology, Histology, and Anatomy, ed. 5, Saunders, 2019.
4. Graber L, Vanarsdall R, Vig KWL, Huang GJ: Orthodontics: Current Principles and Techniques, ed. 6, Elsevier, 2017.
5. Jacobson A, Jacobson RL: Radiographic Cephalometry: From Basics to 3-D Imaging, ed. 2, Quintessence, 2007.
6. Marieb E, Hoehn K: Human Anatomy & Physiology, ed. 11, Pearson, 2018.
7. McLaughlin, RP, Bennett, JC, Trevisi, HJ: Systemized Orthodontic Treatment Mechanics. Mosby, 2001. **NEW**
8. McNamara JA Jr, Brudon WL, Kokich VG: Orthodontics and Dentofacial Orthopedics, Needham Press, 2001.
9. Moody S: Principles of Developmental Genetics, ed. 2, Elsevier, 2014. **NEW**
10. Nanci A: Ten Cate's Oral Histology: Development, Structure, and Function, ed. 9, Mosby, 2018.
11. Neville BW, Damm DE, Allen CM, et al: Oral and Maxillofacial Pathology, ed. 4, Saunders, 2016.

12. Okeson JP: Management of Temporomandibular Disorders and Occlusion, ed. 8, Mosby, 2019.
13. Proffit WR, Fields HW, Larson BE, Sarver DM: Contemporary Orthodontics, ed. 6, Mosby, 2019.
14. Proffit WR, White L, Sarver DM: Contemporary Treatment of Dentofacial Deformity, Mosby, 2003.
15. Proffit, WR and White, RP: Surgical-Orthodontic Treatment. Mosby, 1991. **NEW**
16. Sperber GH, Sperber SM: Craniofacial Embryogenetics and Development, ed. 3, People's Medical Publishing House, 2019.
17. Standring S: Gray's Anatomy: The Anatomical Basis of Clinical Practice, ed. 42, Elsevier, 2021.

## JOURNAL ARTICLES

### **AMERICAN JOURNAL OF NEURORADIOLOGY**

1. Johnson JM, Moonis G, Green GE, Carmody R, Burbank HN. Syndromes of the first and second branchial arches, part 1: embryology and characteristic defects. *American Journal of Neuroradiology* 32(1):14-19, Jan 2011. <https://pubmed.ncbi.nlm.nih.gov/20299437/> **NEW**

### **AMERICAN JOURNAL OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS**

2. Baccetti T, Franchi L, Stahl F. Comparison of 2 comprehensive Class II treatment protocols including the bonded Herbst and headgear appliances: a double-blind study of consecutively treated patients at puberty. *American Journal of Orthodontics and Dentofacial Orthopedics* 135(6):698.e1-10, June 2009. [https://www.ajodo.org/article/S0889-5406\(09\)00221-2/fulltext](https://www.ajodo.org/article/S0889-5406(09)00221-2/fulltext) **NEW**
3. Bailey LJ, Phillips C, Proffit WR. Long-term outcome of surgical class III correction as a function of age at surgery. *American Journal of Orthodontics and Dentofacial Orthopedics* 133(3):365-370, March 2008. [https://www.ajodo.org/article/S0889-5406\(07\)01145-6/fulltext](https://www.ajodo.org/article/S0889-5406(07)01145-6/fulltext)
4. Becker A, Chaushu S. Etiology of maxillary canine impaction: a review. *American Journal of Orthodontics and Dentofacial Orthopedics* 148(4):557-567, October 2015. [https://www.ajodo.org/article/S0889-5406\(15\)00842-2/abstract](https://www.ajodo.org/article/S0889-5406(15)00842-2/abstract)

5. Behrents RG, Valanju Shelgikar A, Conley RS, et al. Obstructive sleep apnea and orthodontics:an American Association of Orthodontists white paper. *American Journal of Orthodontics and Dentofacial Orthopedics* 156(1):13-28.e1, July 2019. [https://www.ajodo.org/article/S0889-5406\(19\)30278-1/fulltext](https://www.ajodo.org/article/S0889-5406(19)30278-1/fulltext)
6. Björk A, Skieller V. Facial development and tooth eruption: an implant study at the age of puberty. *American Journal of Orthodontics and Dentofacial Orthopedics* 62(4):339-383, October 1972. [https://www.ajodo.org/article/S0002-9416\(72\)90277-1/pdf](https://www.ajodo.org/article/S0002-9416(72)90277-1/pdf)
7. Björk OA. Prediction of mandibular growth rotation. *American Journal of Orthodontics and Dentofacial Orthopedics* 55(6):585-599, June 1969. [https://www.ajodo.org/article/0002-9416\(69\)90036-0/abstract](https://www.ajodo.org/article/0002-9416(69)90036-0/abstract) **NEW**
8. Chaushu S, Kaczor-Urbanowicz K, Zadurska M, et al. Predisposing factors for severe incisor root resorption associated with impacted maxillary canines. *American Journal of Orthodontics and Dentofacial Orthopedics* 147(1):52-60, January 2015. [https://www.ajodo.org/article/S0889-5406\(14\)00864-6/fulltext](https://www.ajodo.org/article/S0889-5406(14)00864-6/fulltext)
9. Chung CH, Mongiovi VD. Craniofacial growth in untreated skeletal Class I subjects with low, average, and high MP-SN angles: A longitudinal study. *American Journal of Orthodontics and Dentofacial Orthopedics* 124(6):670-678, December 2003. [https://www.ajodo.org/article/S0889-5406\(03\)00772-8/abstract](https://www.ajodo.org/article/S0889-5406(03)00772-8/abstract) **NEW**
10. Demirjian A, Buschang PH, Tanguay R, Patterson DK. Interrelationships among measures of somatic, skeletal, dental, and sexual maturity. *American Journal of Orthodontics and Dentofacial Orthopedics* 88(5):433-438, November 1985. [https://www.ajodo.org/article/0002-9416\(85\)90070-3/abstract](https://www.ajodo.org/article/0002-9416(85)90070-3/abstract) **NEW**
11. Harada-Karashima M, Ishihara Y, Kamioka H, et al. Age-related changes in effect of rapid maxillary expansion on the position of labially impacted maxillary canines: A case-control study. *American Journal of Orthodontics and Dentofacial Orthopedics* 159(3):305-311, March 2021. [https://www.ajodo.org/article/S0889-5406\(20\)30533-3/fulltext](https://www.ajodo.org/article/S0889-5406(20)30533-3/fulltext)
12. Hua F, He H, Ngan P, et al. Prevalence of peg-shaped maxillary permanent lateral incisors: A meta-analysis. *American Journal of Orthodontics and Dentofacial Orthopedics* 144(1): 97-109, July 2013. [https://www.ajodo.org/article/S0889-5406\(13\)00385-5/fulltext](https://www.ajodo.org/article/S0889-5406(13)00385-5/fulltext)
13. Janson G, Fuziy A et al. Soft-tissue treatment changes in Class II division 1 malocclusion with and without extraction of maxillary premolars. *American Journal of Orthodontics and Dentofacial Orthopedics* 123(6):729.e1-8, December 2007. [https://www.ajodo.org/article/S0889-5406\(07\)00744-5/fulltext](https://www.ajodo.org/article/S0889-5406(07)00744-5/fulltext)
14. Khosravi R, Cohanin B, Hujoel P, et al. Management of overbite with the Invisalign appliance. *American Journal of Orthodontics and Dentofacial Orthopedics* 151(4):691-699.e2, April 2017. [https://www.ajodo.org/article/S0889-5406\(16\)30886-1/abstract](https://www.ajodo.org/article/S0889-5406(16)30886-1/abstract)

15. Kim MR, Graber TM, Viana MA. Orthodontics and temporomandibular disorder: a meta-analysis. *American Journal of Orthodontics and Dentofacial Orthopedics* 121(5):438-446, May 2002. [https://www.ajodo.org/article/S0889-5406\(02\)75828-9/abstract](https://www.ajodo.org/article/S0889-5406(02)75828-9/abstract)
16. Kokich VO, Kinzer GA, Janakievski J. Congenitally missing maxillary lateral incisor: restorative replacement. *American Journal of Orthodontics and Dentofacial Orthopedics* 139(4):435-439, April 2011. [https://www.ajodo.org/article/S0889-5406\(11\)00088-6/abstract](https://www.ajodo.org/article/S0889-5406(11)00088-6/abstract)
17. Meister M, Masella R, Jerrold L. An ethical dilemma: litigation, legislation, and ethics. *American Journal of Orthodontics and Dentofacial Orthopedics* 114(3):358-360, September 1998. [https://www.ajodo.org/article/S0889-5406\(98\)70076-9/abstract](https://www.ajodo.org/article/S0889-5406(98)70076-9/abstract)
18. Molen AD. Considerations in the use of cone-beam computed tomography for buccal bone measurements. *American Journal of Orthodontics and Dentofacial Orthopedics* 137(4 Suppl):130-135, April 2010. [https://www.ajodo.org/article/S0889-5406\(10\)00032-6/abstract](https://www.ajodo.org/article/S0889-5406(10)00032-6/abstract)
19. Okeson JP. Evolution of occlusion and temporomandibular disorder in orthodontics: past, present, and future. *American Journal of Orthodontics and Dentofacial Orthopedics* 147(5 Suppl):216-223, May 2015. [https://www.ajodo.org/article/S0889-5406\(15\)00107-9/fulltext](https://www.ajodo.org/article/S0889-5406(15)00107-9/fulltext)
20. Peck S, Peck L, Kataja M. Prevalence of tooth agenesis and peg-shaped maxillary lateral incisor associated with palatally displaced canine (PDC) anomaly. *American Journal of Orthodontics and Dentofacial Orthopedics* 110(4):441-443, October 1996. [https://www.ajodo.org/article/S0889-5406\(96\)70048-3/fulltext](https://www.ajodo.org/article/S0889-5406(96)70048-3/fulltext)
21. Sarver DM. The importance of incisor positioning in the esthetic smile: the smile arc. *American Journal of Orthodontics and Dentofacial Orthopedics* 120(2):98-111, August 2001. [https://www.ajodo.org/article/S0889-5406\(01\)32448-4/fulltext](https://www.ajodo.org/article/S0889-5406(01)32448-4/fulltext)
22. Song KT, Park JH, Moon W, Chae JM, Kang KH. Three-dimensional changes of the zygomaticomaxillary complex after mini-implant assisted rapid maxillary expansion. *American Journal of Orthodontics and Dentofacial Orthopedics* 156(5):653-662, November 2019. [https://www.ajodo.org/article/S0889-5406\(19\)30619-5/fulltext](https://www.ajodo.org/article/S0889-5406(19)30619-5/fulltext) **NEW**
23. Sperry TP, Steinberg MJ, Gans BJ. Mandibular movement during autorotation as a result of maxillary impaction surgery. *American Journal of Orthodontics and Dentofacial Orthopedics* 81(2):116-123, February 1982. [https://www.ajodo.org/article/0002-9416\(82\)90035-5/pdf](https://www.ajodo.org/article/0002-9416(82)90035-5/pdf)
24. Suri L, Taneja P. Surgically assisted rapid palatal expansion: a literature review. *American Journal of Orthodontics and Dentofacial Orthopedics* 133(2):290-302, February 2008. [https://www.ajodo.org/article/S0889-5406\(07\)00753-6/fulltext](https://www.ajodo.org/article/S0889-5406(07)00753-6/fulltext)

25. Tulloch JFC, Proffit WR, Phillips C. Outcomes in a 2-phase randomized clinical trial of early class II treatment. *American Journal of Orthodontics and Dentofacial Orthopedics* 125(6):657- 667, June 2004. [https://www.ajodo.org/article/S0889-5406\(04\)00160-X/abstract](https://www.ajodo.org/article/S0889-5406(04)00160-X/abstract)
26. Weltman B, Vig KWL, Fields HW, et al. Root resorption associated with orthodontic tooth movement: a systematic review. *American Journal of Orthodontics and Dentofacial Orthopedics* 137(4):462-476, April 2010. [https://www.ajodo.org/article/S0889-5406\(09\)01222-0/abstract](https://www.ajodo.org/article/S0889-5406(09)01222-0/abstract)
27. Wood R, Sun Z, Chaudhry J, et al. Factors affecting the accuracy of buccal alveolar bone height measurements from cone-beam computed tomography images. *American Journal of Orthodontics and Dentofacial Orthopedics* 143(3):353-363, March 2013. [https://www.ajodo.org/article/S0889-5406\(12\)01168-7/abstract](https://www.ajodo.org/article/S0889-5406(12)01168-7/abstract)
28. Zahrowski JJ. Biphosphonate treatment: an orthodontic concern calling for a proactive approach. *American Journal of Orthodontics and Dentofacial Orthopedics* 31(3):311-320, March 2007. [https://www.ajodo.org/article/S0889-5406\(06\)01330-8/abstract](https://www.ajodo.org/article/S0889-5406(06)01330-8/abstract)

#### **BRITISH JOURNAL OF ORTHODONTICS**

29. Björk A, Skieller V. Growth of the maxilla in three dimensions as revealed radiographically by the implant method. *British Journal of Orthodontics* 4(2):53-64, April 1977. <https://www.tandfonline.com/doi/abs/10.1179/bjo.4.2.53>

#### **COCHRANE DATABASE OF SYSTEMIC REVIEWS**

30. Fleming PS, Fedorowicz Z, Johal A, El-Angbawi A, Pandis N. Surgical adjunctive procedures for accelerating orthodontic treatment. *Cochrane Database Systems Review* 2015(6):CD010572, June 2015. <https://pubmed.ncbi.nlm.nih.gov/26123284/>

#### **CURRENT DRUG SAFETY**

31. Fraser AD, Zhang B, Khan H, Ma H, Hersh EV. Prescription opioid abuse and its potential role in gross dental decay. *Current Drug Safety* 12(1):22-26. 2017. <https://pubmed.ncbi.nlm.nih.gov/27492482/> **NEW**

#### **EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING**

32. Van den Wyngaert T, Strobel K, Kampen WU, Kuwert T, van der Bruggen W, Mohan HK, Gnanasegaran G, Delgado-Bolton R, Weber WA, Beheshti M, Langsteger W, Giammarile F, Mottaghy FM, Paycha F. The EANM practice guidelines for bone scintigraphy. *European Journal of Nuclear Medicine and Molecular Imaging* 43(9):1723-1738, August 2016. <https://pubmed.ncbi.nlm.nih.gov/27262701/> **NEW**

## **EUROPEAN JOURNAL OF ORTHODONTICS**

33. Alyammahi AS, Kaklamanos EG, Athanasiou AE. Effectiveness of extraction of primary canines for interceptive management of palatally displaced permanent canines: a systematic review and meta-analysis. *European Journal of Orthodontics* 40(2):149-156, April 2018. <https://pubmed.ncbi.nlm.nih.gov/28575212/> **NEW**
34. Kapetanović A, Theodorou CI, Bergé SJ, Schols JGJH, Xi T. Efficacy of miniscrew-assisted rapid palatal expansion (MARPE) in late adolescents and adults: a systematic review and meta-analysis. *European Journal of Orthodontics* 43(3):313-323, June 2021. <https://pubmed.ncbi.nlm.nih.gov/33882127/> **NEW**
35. VonBöhl M, Kuijpers-Jagtman AM. Hyalinization during orthodontic tooth movement. A systematic review of tissue reactions. *European Journal of Orthodontics* 31(1):30-36, February 2009. <https://academic.oup.com/ejo/article/31/1/30/445770>

## **FRONTIERS IN NEUROLOGY**

36. Hybbinette H, Schalling E, Plantin J, Nygren-Deboussard C, Schütz M, Östberg P, Lindberg PG. Recovery of apraxia of speech and aphasia in patients with hand motor impairment after stroke. *Frontiers in Neurology* 12:634065, March 2021. <https://www.frontiersin.org/journals/neurology/articles/10.3389/fneur.2021.634065/full> **NEW**

## **INTERNATIONAL JOURNAL OF CLINICAL PREVENTIVE DENTISTRY**

37. Mittal R, Relhan N, Tangri T. Remineralizing agents: a comprehensive review. *International Journal of Clinical Preventive Dentistry* 13(1):1-4, March 2017. <http://pdf.medrang.co.kr/ljcpd2/2017/013/ljcpd013-01-01.pdf>

## **INTERNATIONAL JOURNAL OF ORAL & MAXILLOFACIAL SURGERY**

38. Coppelson K, Summersgill I, Hatcher D, et al. Does head and neck posture affect cone-beam computed tomography assessment of the upper airway? *Journal of Oral and Maxillofacial Surgery* 81(6):721-733, June 2023. [https://www.joms.org/article/S0278-2391\(23\)00102-7/fulltext](https://www.joms.org/article/S0278-2391(23)00102-7/fulltext)
39. Nabeih YB, Speculand B. Ultrasonography as a diagnostic aid in temporomandibular joint dysfunction. A preliminary investigation. *Journal of Oral and Maxillofacial Surgery* 20(3):182-186, June 1991. [https://www.ijoms.com/article/S0901-5027\(05\)80013-X/abstract](https://www.ijoms.com/article/S0901-5027(05)80013-X/abstract) **NEW**
40. Verquin M, Daems L, Politis C. Short-term complications after surgically assisted rapid palatal expansion: a retrospective cohort study. *International Journal of Oral and Maxillofacial Surgery* 46(3):303-308, March 2017. [https://www.ijoms.com/article/S0901-5027\(16\)30325-3/fulltext](https://www.ijoms.com/article/S0901-5027(16)30325-3/fulltext)

## **JOURNAL OF CLINICAL ORTHODONTICS**

41. Gupta B, Singh S, Tallents RH, et al. Effects of bisphosphonates on orthodontic treatment and the TMJ: a systemic review. *Journal of Clinical Orthodontics* 51(8):471-478, August 2017. <https://www.jco-online.com/archive/2017/08/471-overview-effects-of-bisphosphonates-on-orthodontic-treatment-and-the-tmj-a-systematic-review/>
42. Park JH, Kim JH, Kai A, et al. Post-COVID-19 clinical and management guidelines for orthodontic practices. *Journal of Clinical Orthodontics* 54(6):351-355, June 2020. <https://www.jco-online.com/archive/2020/06/351-management-marketing-post-covid-19-management-guidelines-for-orthodontic-practices/>

## **JOURNAL OF DENTAL RESEARCH**

43. Miroshnychenko A, Ibrahim S, Azab M, Roldan Y, Martinez JPD, Tamilselvan D, He L, Little JW, Urquhart O, Tampi M, Polk DE, Moore PA, Hersh EV, Claytor B, Carrasco-Labra A, Brignardello-Petersen R. Acute postoperative pain due to dental extraction in the adult population: a systematic review and network meta-analysis. *Journal of Dental Research* 102(4):391-401, April 2023. <https://pubmed.ncbi.nlm.nih.gov/36631957/> **NEW**

## **JOURNAL OF ENDODONTICS**

44. Patel S, Ricucci D, Durak C, et al. Internal root resorption: a review. *Journal of Endodontics* 36(7):1107-1121, July 2010. [https://www.jendodon.com/article/S0099-2399\(10\)00245-1/abstract](https://www.jendodon.com/article/S0099-2399(10)00245-1/abstract)

## **JOURNAL OF ESTHETIC AND RESTORATIVE DENTISTRY**

45. Kokich VO, Kinzer GA. Managing the congenitally missing lateral incisor. Part I: Canine substitution. *Journal of Esthetic and Restorative Dentistry* 17(1):5-10, January 2005. <https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1708-8240.2005.tb00076.x>

## **JOURNAL OF ORTHODONTICS**

46. Cope JB, McFadden D. Temporary replacement of missing maxillary lateral incisors with orthodontic miniscrew implants in growing patients: rationale, clinical technique, and long-term results. *Journal of Orthodontics* 41(Suppl 1):62-74, September 2014. <https://pubmed.ncbi.nlm.nih.gov/25138368/> **NEW**



## **JOURNAL OF PERIODONTOLOGY**

47. Dai A, Huang JP, Ding PH, Chen LL. Long-term stability of root coverage procedures for single gingival recessions: A systematic review and meta-analysis. *Journal of Periodontology* 46(5):572-585, May 2019. <https://onlinelibrary.wiley.com/doi/10.1111/jcpe.13106> **NEW**
48. Tarnow DP, Magner AW, Fletcher P. The effect of the distance from the contact point to the crest of bone on the presence or absence of the interproximal dental papilla. *Journal of Periodontology* 63(12):995-996, December 1992. <https://aap.onlinelibrary.wiley.com/doi/10.1902/jop.1992.63.12.995>

## **JOURNAL OF THE WORLD FEDERATION OF ORTHODONTICS**

49. Upadhyay M, Arqub AB. Biomechanics of clear aligners: hidden truths & first principles. *Journal of the World Federation of Orthodontists* 11(1):12-21, February 2022. [https://www.jwfo.org/article/S2212-4438\(21\)00057-6/fulltext](https://www.jwfo.org/article/S2212-4438(21)00057-6/fulltext)

## **ORAL SURGERY, ORAL MEDICINE, ORAL PATHOLOGY, ORAL RADIOLOGY, AND ENDODONTOLOGY**

50. Brooks SL, Brand JW, Gibbs SJ, et al. Imaging of the temporomandibular joint: a position paper of the American Academy of Oral and Maxillofacial Radiology. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology* 83(5):609-618, May 1997. [https://www.oooojournal.net/article/S1079-2104\(97\)90128-1/fulltext](https://www.oooojournal.net/article/S1079-2104(97)90128-1/fulltext)
51. Walewski LÂ, Tolentino ES, Yamashita FC, Iwaki LCV, da Silva MC. Cone beam computed tomography study of osteoarthritic alterations in the osseous components of temporomandibular joints in asymptomatic patients according to skeletal pattern, gender, and age. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology* 128(1):70-77, July 2019. [https://www.oooojournal.net/article/S2212-4403\(19\)30100-2/abstract](https://www.oooojournal.net/article/S2212-4403(19)30100-2/abstract) **NEW**

## **SEMINARS IN ORTHODONTICS**

52. Buschang PH, Sankey W, English JP. Early treatment of hyperdivergent open-bite malocclusions. *Seminars in Orthodontics* 8(3):130-140, September 2002. [https://www.semortho.com/article/1073-8746\(02\)80045-7/pdf](https://www.semortho.com/article/1073-8746(02)80045-7/pdf)
53. Hochman MN, Chu SJ, Tarnow DP. Orthodontic extrusion for implant site development revisited: a new classification determined by anatomy and clinical outcomes. *Seminars in Orthodontics* 20(3):208-227, September 2014. [https://www.semortho.com/article/S1073-8746\(14\)00033-4/fulltext](https://www.semortho.com/article/S1073-8746(14)00033-4/fulltext)

54. Sheats RD (ed). Biostatistics for the orthodontic clinician. *Seminars in Orthodontics* 8(2):51-109, June 2022. [https://www.semortho.com/issue/S1073-8746\(00\)X0036-9](https://www.semortho.com/issue/S1073-8746(00)X0036-9)
55. Spear FM, Mathezus DM, Kokich VG. Interdisciplinary management of single tooth implant. *Seminars in Orthodontics* 3(1):45-72, March 1997. [https://www.semortho.com/article/S1073-8746\(97\)80039-4/fulltext](https://www.semortho.com/article/S1073-8746(97)80039-4/fulltext)

### **SLEEP MEDICINE REVIEWS**

56. Neelapu BC, Kharbanda OP, Sardana HK, et al. Craniofacial and upper airway morphology in adult obstructive sleep apnea patients: a systematic review and meta-analysis of cephalometric studies. *Sleep Medicine Reviews* 31:79-90, February 2017. <https://www.sciencedirect.com/science/article/abs/pii/S1087079216000162>

### **THE ANGLE ORTHODONTIST**

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