

**THE AMERICAN BOARD OF ORTHODONTICS
WRITTEN EXAMINATION**

2018 READING LIST

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. Several articles by ABO directors are also included so the candidates may have some insight into their background and current interests. 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. Current literature and textbooks on orthodontics may be studied in addition to the suggested references.

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.

JOURNAL ARTICLES

1.	Semipermanent replacement of missing maxillary lateral incisors by mini-implant retained pontics: A follow-up study, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 151, Issue 5 , Pages 989–994, May 2017 New	Roberto Ciarlantini, Birte Melsen
2.	Evolving concepts of heredity and genetics in orthodontics, <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , Volume 148, Issue 6 , Pages 922–938, December 2015	David S. Carlson
3.	Early orthodontic treatment for Class II malocclusion reduces the chance of incisal trauma: Results of a Cochrane systematic review, <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , Volume 148, Issue 1 , Pages 47–59, July 2015	Badri Thiruvengkatachari, et al.
4.	Association of orthodontic force system and root resorption: A systematic review, <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , Volume 147, Issue 5 , Pages 610–626, May 2015 New	Marina G. Roscoe, et al.
5.	Evolution of occlusion and temporomandibular disorder in orthodontics: Past, present, and future, <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , Volume 147, Issue 5 , Supplement, Pages S216–S223, May 2015	Jeffrey P. Okeson
6.	Prevalence of peg-shaped maxillary permanent lateral incisors: A meta-analysis, <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , Volume 144, Issue 1 , Pages 97–109, July 2013 New	Fang Hua, et al.

7.	Effect of remineralizing agents on white spot lesions after orthodontic treatment: A systematic review, <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , Volume 143, Issue 3 , Pages 376–382.e3, March 2013 New	Hong Chen, et al.
8.	Effectiveness of MI Paste Plus and PreviDent fluoride varnish for treatment of white spot lesions: A randomized controlled trial, <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , Volume 143, Issue 1 , Pages 31–41, January 2013	Greg J. Huang, et al.
9.	Self-etch primers and conventional acid-etch technique for orthodontic bonding: A systematic review and meta-analysis, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 142, Issue 1 , Pages 83–94, July 2012	Padhraig S. Fleming, et al.
10.	Stability of treatment for anterior open-bite malocclusion: A meta-analysis, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 139, Issue 2 , Pages 154-169, February 2011	Geoffrey M. Greenlee, et al.
11.	Effects of lingual arch used as space maintainer on mandibular arch dimension: A systematic review, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 138, Issue 4 , Pages 382.e1-382.e4, October 2010	Azzurra Viglianisi
12.	Systematic review of self-ligating brackets, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 137, Issue 6 , Pages 726.e1-726.e18, June 2010	Stephanie Shih-Hsuan Chen, et al.
13.	Root resorption associated with orthodontic tooth movement: A systematic review, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 137, Issue 4 , Pages 462-476, April 2010	Belinda Weltman, et al.
14.	Early treatment for Class II Division 1 malocclusion with the Twin-block appliance: A multi-center, randomized, controlled trial, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 135, Issue 5 , Pages 573-579, May 2009	Kevin O'Brien, et al.
15.	Critical factors for the success of orthodontic mini-implants: A systematic review, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 135, Issue 3 , Pages 284-291, March 2009	Yan Chen, et al.
16.	Relationship between rapid maxillary expansion and nasal cavity size and airway resistance: Short- and long-term effects, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 134, Issue 3 , Pages 370-382, September 2008	Nanci Lara Oliveira De Felipe, et al.
17.	Periodontal response to early uncovering, autonomous eruption, and orthodontic alignment of palatally impacted maxillary canines, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 131, Issue 4 , Pages 449-455, April 2007	Andrew D. Schmidt, Vincent G. Kokich

18.	Stability and predictability of orthognathic surgery, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 126, Issue 3 , Pages 273-277, September 2004	L. Tanya J. Bailey, et al.
19.	Surgical and orthodontic management of impacted maxillary canines, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 126, Issue 3 , Pages 278-283, September 2004	Vincent G. Kokich
20.	Long-term follow-up of Class II adults treated with orthodontic camouflage: A comparison with orthognathic surgery outcomes, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 123, Issue 3 , Pages 266-278, March 2003	Colin A. Mihalik, et al.
21.	Pseudoelasticity and thermoelasticity of nickel-titanium alloys: A clinically oriented review. Part I: Temperature transitional ranges, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 119, Issue 6 , Pages 587-593, June 2001	Margherita Santoro, et al.
22.	Pseudoelasticity and thermoelasticity of nickel-titanium alloys: A clinically oriented review. Part II: Deactivation forces, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 119, Issue 6 , Pages 594-603, June 2001	Margherita Santoro, et al.
23.	Considerations for orthognathic surgery during growth, Part 1: Mandibular deformities, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 119, Issue 2 , Pages 95-101, February 2001	Larry M. Wolford, et al.
24.	Early treatment of vertical skeletal dysplasia: The hyperdivergent phenotype, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 118, Issue 3 , Pages 317-327, September 2000	Wayne L. Sankey, et al.
25.	The genetics of human tooth agenesis: New discoveries for understanding dental anomalies, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 117, Issue 6 , Pages 650-656, June 2000	Heleni Vastardis
26.	The use of the lingual arch in the mixed dentition to resolve incisor crowding, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 117, Issue 1 , Pages 81-85, January 2000	Mathew M. Brennan, Anthony Gianelly
27.	A long-term prospective evaluation of the circumferential supracrestal fiberotomy in alleviating orthodontic relapse, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 93, Issue 5 , Pages 380-387, May 1988	John G. Edwards
28.	An evaluation of changes in mandibular anterior alignment from 10 to 20 years postretention, <i>American Journal of Orthodontics & Dentofacial Orthopedics</i> , Volume 93, Issue 5 , Pages 423-428, May 1988	Robert M. Little, et al.
29.	Prediction of mandibular growth rotation evaluated from a longitudinal implant sample, <i>American Journal of Orthodontics</i> , Volume 86, Issue 5 , Pages 359-370, November 1984	Vibeke Skieller, et al.

30.	Skeletal morphologic features of anterior open bite, <i>American Journal of Orthodontics</i> , Volume 85, Issue 1 , Pages 28-36, January 1984	Thomas J. Cangialosi
31.	Deep overbite correction by intrusion, <i>American Journal of Orthodontics</i> , Volume 72, Issue 1 , Pages 1-22, July 1977	Charles R. Burstone
32.	The "Wits" appraisal of jaw disharmony, <i>American Journal of Orthodontics</i> , Volume 67, Issue 2 , Pages 125-138, February 1975	A. Jacobson
33.	Facial development and tooth eruption, An implant study at the age of puberty, <i>American Journal of Orthodontics</i> , Volume 62, Issue 4 , Pages 339-383, October 1972	A. Björk, V. Skieller
34.	The six keys to normal occlusion, <i>American Journal of Orthodontics</i> , Volume 62, Issue 3 , Pages 296-309, September 1972	Lawrence F. Andrews
35.	The primary role of functional matrices in facial growth, <i>American Journal of Orthodontics</i> , Volume 55, Issue 6 , Pages 566-577, June 1969	Melvin L. Moss, Letty Salentijn
36.	The clinical application of a tooth-size analysis, <i>American Journal of Orthodontics</i> , Volume 48, Issue 7 , Pages 504-529, July 1962	Wayne A. Bolton
37.	The use of cephalometrics as an aid to planning and assessing orthodontic treatment: Report of a case, <i>American Journal of Orthodontics</i> , Volume 46, Issue 10 , Pages 721-735, October 1960	Cecil C. Steiner
38.	The Frankfort-Mandibular Plane Angle in Orthodontic Diagnosis, Classification, Treatment Planning and Prognosis, <i>American Journal of Orthodontics and Oral Surgery</i> , Volume 32, Issue 4 , Pages 175-230, April 1946	C.H. Tweed
39.	Does cortical thickness influence the primary stability of miniscrews?: A systematic review and meta-analysis, <i>The Angle Orthodontist</i> , Volume 84, Issue 6 , Pages 1093-1103, November 2014 New	Mariana Marquezan, et al.
40.	Efficiency of molar distalization associated with second and third molar eruption stage, <i>The Angle Orthodontist</i> , Volume 83, Issue 4 , Pages 735-742, July 2013 New	Carlos Flores-Mir, et al.
41.	Interventions for accelerating orthodontic tooth movement. A systematic review, <i>The Angle Orthodontist</i> , Volume 83, Issue 1 , Pages 164-171, January 2013	Hu Long, et al.
42.	Prevalence of Tooth Transposition, <i>The Angle Orthodontist</i> , Volume 80, Issue 2 , Pages 275-285. March 2010 New	Moschos A. Papadopoulos, et al.
43.	Long-Term Dentoskeletal Changes with the Bionator, Herbst, Twin Block, and MARA Functional Appliances, <i>The Angle Orthodontist</i> , Volume 80, Issue 1 , Pages 18-29, January 2010	Nicole J. Siara-Olds, et al.

44.	Mandibular Rotation and Remodeling Changes during Early Childhood, <i>The Angle Orthodontist</i> , Volume 79, Issue 2 , Pages 271-275, March 2009	Malanie K. Wang, et al.
45.	Long-Term Stability of Lip Bumper Therapy Followed by Fixed Appliances, <i>The Angle Orthodontist</i> , Volume 76, Issue 1 , Pages 36-42, January 2006	Michael Joseph Solomon, et al.
46.	Rapid Maxillary Expansion Followed by Fixed Appliances: A Long-term Evaluation of Changes in Arch Dimensions, <i>The Angle Orthodontist</i> , Volume 73, Issue 4 , Pages 344-353, August 2003	James A. McNamara, et al.
47.	A Longitudinal Study of Incremental Expansion Using a Mandibular Lip Bumper, <i>The Angle Orthodontist</i> , Volume 73, Issue 4 , Pages 396-400, August 2003	C. Chris Murphy, et al.
48.	Does Malocclusion Affect Masticatory Performance?, <i>The Angle Orthodontist</i> , Volume 72, Issue 1 , Pages 21-27, February 2002	Jeryl D. English, et al.
49.	Orthodontic Biomaterials: From the Past to the Present, <i>The Angle Orthodontist</i> , Volume 72, Issue 6 , Pages 501-512, December 2002	Robert P. Kusy
50.	Incisor Root Resorptions Due to Ectopic Maxillary Canines Imaged by Computerized Tomography: A Comparative Study in Extracted Teeth, <i>The Angle Orthodontist</i> , Volume 70, Issue 4 , Pages 276-283, August 2000.	Sune Ericson, Jüri Kuroi
51.	The Esthetic Impact of Extraction and Nonextraction Treatments on Caucasian Patients, <i>The Angle Orthodontist</i> , Volume 70, Issue 1 , Pages 3-10, February 2000.	S. Jay Bowman, Lysle E. Johnston Jr.
52.	A review of contemporary archwires: Their properties and characteristics, <i>The Angle Orthodontist</i> , Volume 67, Issue 3 , Pages 197-208, June 1997	Robert P. Kusy
53.	Radiographic Evaluation of Skeletal Maturation, <i>The Angle Orthodontist</i> , Volume 52, Issue 2 , Pages 88-112, April 1982	Leonard S. Fishman
54.	Long-Term Posttreatment Evaluation of Rapid Palatal Expansion, <i>The Angle Orthodontist</i> , Volume 50, Issue 3 , Pages 189-217, July 1980	A. J. Haas
55.	The Role of the Functional Matrix in Mandibular Growth, <i>The Angle Orthodontist</i> , Volume 38, Issue 2 , Pages 95-103, April 1968	Melvin L. Moss, Robin M. Rankow
56.	The Rotation Of The Mandible Resulting From Growth: Its Implications In Orthodontic Treatment. <i>The Angle Orthodontist</i> , Volume 35, Issue 1 , Pages 36-50, January 1965	F. F. Schudy
57.	Surgical removal versus retention for the management of asymptomatic impacted wisdom teeth, <i>The Cochrane Database of Systematic Reviews</i> , June 13, 2012 , (6):CD003879. doi: 10.1002/14651858.CD003879.pub3.	Mettes, et al.

58.	Treatment options for congenitally missing lateral incisors, <i>European Journal of Oral Implantology</i> , Supplement 1 Pages S5-S24, September 2016 New	Stavros Kiliaridis, et al.
59.	Impact on the pharyngeal airway space of different orthognathic procedures for the prognathic mandible, <i>International Journal of Oral and Maxillofacial Surgery</i> , Volume 44, Issue 9 , Pages 1110–1118, September 2015 New	E.A. Al-Moraissi, et al.
60.	Craniofacial morphological characteristics in children with obstructive sleep apnea syndrome, <i>The Journal of the American Dental Association</i> , Volume 144, Issue 3 , Pages 269–277, March 2013	Carlos Flores-Mir, et al.
61.	A Review of the Diagnosis and Management of Impacted Maxillary Canines, <i>The Journal of the American Dental Association</i> , Volume 140, Issue 12 , Pages 1485–1493, December 2009 New	Marisela M. Bedoya, Jae Hyun Park
62.	Orthodontic space closure versus implant placement in subjects with missing teeth, <i>Journal of Oral Rehabilitation</i> , Volume 35, Issue s1 , Pages 64–71, January 2008 New	B. Thilander
63.	Efficacy of orthopedic treatment with protraction facemask on skeletal Class III malocclusion: a systematic review and meta-analysis, <i>Orthodontics & Craniofacial Research</i> , Volume 17, Issue 3 , Pages 133–143, August 2014 New	G. Cordasco, et al.
64.	Meta analysis of the treatment-related factors of external apical root resorption, <i>Orthodontics & Craniofacial Research</i> , Volume 7, Issue 2 , Pages 71-78, May 2004	G.R. Segal, et al.
65.	Class II Malocclusions: Diagnostic and Clinical Considerations With and Without Treatment, <i>Seminars in Orthodontics</i> , Volume 12, Issue 1 , Pages 11-24, March 2006	Samir E. Bishara
66.	Guidelines for managing the orthodontic-restorative patient, <i>Seminars in Orthodontics</i> , Volume 3, Issue 1 , Pages 3-20, March 1997 / kokichorthodontics.com	Vincent G. Kokich, Frank M. Spear
67.	Managing treatment for the orthodontic patient with periodontal problems, <i>Seminars in Orthodontics</i> , Volume 3, Issue 1 , Pages 21-38, March 1997	David P. Mathews, Vincent G. Kokich
68.	Orthodontic-endodontic treatment planning of traumatized teeth, <i>Seminars in Orthodontics</i> , Volume 3, Issue 1 , Pages 39-44, March 1997	David R. Steiner, John D. West
69.	Interdisciplinary management of single-tooth implants, <i>Seminars in Orthodontics</i> , Volume 3, Issue 1 , Pages 45-72, March 1997 / kokichorthodontics.com	Frank M. Spear, David M. Mathews, Vincent G. Kokich

70.	Managing complex orthodontic problems: the use of implants for anchorage, <i>Seminars in Orthodontics</i> , Volume 2, Issue 2 , Pages 153-160, June 1996 / kokichorthodontics.com	Vincent G. Kokich
71.	American Heart Association Guidelines for CPR and ECC, American Heart Association , 2015	American Heart Association

TEXTBOOKS & OTHER RESOURCES

1.	<i>3D Human Anatomy for Dentistry</i>	<p>Primals 3D Anatomy for Dentistry – ABO : ONE Month Access</p> <p>***Any contemporary anatomy textbook, e.g., Gray’s, Netter, etc.</p>
2.	<p>AAO Website</p> <p>Optional Reading</p>	https://www.aaoinfo.org/library-research/resource-centers/evidence-based-orthodontic-research
3.	ABO Website	The American Board of Orthodontics http://www.AmericanBoardOrtho.com
4.	<i>American Heart Association Guidelines for CPR and ECC, 2015</i>	American Heart Association https://eccguidelines.heart.org/wp-content/uploads/2015/10/2015-AHA-Guidelines-Highlights-English.pdf
5.	<i>Esthetic and Biomechanics in Orthodontics</i>	<p>Author: Ravindra Nanda Publisher: Elsevier/Saunders</p> <p>Second Edition 2015 Chapter 4 Chapter 8 Chapter 18-20 Chapter 27</p>
6.	<p><i>Centers for Disease Control and Prevention</i></p> <p>Optional Reading</p>	http://www.cdc.gov/DiseasesConditions/index.html
7.	<i>Contemporary Orthodontics</i>	<p>Authors: William R. Proffit, Henry W. Fields, Jr., David M. Sarver Publisher: Mosby</p> <p>Fifth Edition 2012</p>
8.	<i>Ethics Handbook for Dentists</i>	American College of Dentists https://acd.org/PDF/Ethics_Handbook_for_Dentists_(s).pdf

9.	<i>Management of Temporomandibular Disorders and Occlusion</i>	Author: Jeffrey P. Okeson Publisher: Elsevier <u>Seventh Edition 2013</u>
10.	<i>Mosby's Orthodontic Review</i>	Authors: Jeryl D. English, Sercan Akyalcin, Timo Peltomäki, Kate Litschel Publisher: Elsevier <u>Second Edition 2014</u>
11.	<i>Oral and Maxillofacial Pathology</i>	Authors: Brad W. Neville, Douglas D. Damm, Carl M. Allen, Angela C. Chi Publisher: Elsevier <u>Fourth Edition 2015</u>
12.	<i>Ten Cate's Oral Histology: Development, Structure and Function</i>	Author: Antonio Nan1ci Publisher: Elsevier <u>Eighth Edition 2013</u> Chapter 3 Chapter 5
13.	<i>Orthodontics and Dentofacial Orthopedics</i>	Authors: James A. McNamara, William L. Brudon Publisher: Needham Press <u>First Edition 2001</u>
14.	<i>Orthodontics: Current Principles and Techniques</i>	Authors: Lee W. Graber, Robert L. Vanarsdall, Jr., Katherine W.L. Vig Publisher: Mosby <u>Sixth Edition 2017</u> Chapter 1-4 Chapter 6-7 Chapter 12 Chapter 14 Chapter 20 Chapter 22-23 Chapter 27 Chapter 33-34
15.	<i>Radiographic Cephalometry: From Basics to 3-D Imaging</i>	Author: Alexander Jacobson Publisher: Quintessence <u>Second Edition 2006</u>