Appendix C. List of studies included/excluded from this systematic review with reasons.

	dix C. List of studies included/excluded from this systematic review with reasons.	
AA	Paper Fuel indeed during accessing	
	Excluded during screening [No authors] A Comparative-Study of the Ages of American Board of Orthodontics Diplomates. Am J Orthod Dentofac Orthop	
1	1991;100(5):482-3.	Excluded by title
2	[No authors] ABO presents typical case report examples for future candidates. American journal of orthodontics.	Excluded by title
	1978;73(1):79-84. Epub 1978/01/01.	, ,
3	[No authors] American Board of Orthodontics - Past, present, and future. Am J Orthod Dentofac Orthop 1996;110(1):108-10.	Excluded by title
4	[No authors] American Board of Orthodontics sets new standards and requirements. American journal of orthodontics. 1973;64(2):199-200. Epub 1973/08/01.	Excluded by title
_	[No authors] American Board of Orthodontics. Why case reports do not pass the ABO Phase III clinical examination. Am J	
5	Orthod Dentofac Orthop 1996;110(5):559-60. Epub 1996/11/01.	Excluded by title
6	[No authors] Foundations of excellence: the ABO in review1984-1994. Am J Orthod Dentofac Orthop 1995;107(1):103-5.	Excluded by title
7	[No authors] Presentation of the Ketcham, Albert, H Memorial Award, 1954 by Webster, Raymond, L President of the American Board of Orthodontics. Am J Orthod Dentofac Orthop 1954;40(10):783-9.	Excluded by title
8	[No authors] Presentation of the Ketcham, Albert, H. Memorial Award, 1953, by Waugh, Leuman, M. President of the American-Board-of-Orthodontics. Am J Orthod Dentofac Orthop 1953;39(7):545-51.	Excluded by title
9	Ackerman MB, Rinchuse DJ. ABO certification in the age of evidence and enhancement. Am J Orthod Dentofac Orthop 2006;130(2):133-40. Epub 2006/08/15.	Excluded by title
10	Ahmad Shokor FFB, Ab Rahman WSW, Khursheed Alam M. Craniofacial morphology with genetic influence of abo blood group in malaysian orthodontic patients. International Journal of Pharma and Bio Sciences. 2015;6(4):B412-B8.	Excluded by title
11	Akyalcin S, Frels LK, English JD, Laman S. Analysis of smile esthetics in American Board of Orthodontic patients. The Angle orthodontist. 2014;84(3):486-91. Epub 2013/10/29.	Excluded by title
12	Anon. An interview with Marissa C. Keesler. Dental Press J Orthod. 2014;19(2):27-38.	Excluded by title
13	Ashwinirani SR, Suragimath G, Sande AR, Kulkarni P, Nimbal A, Shankar T, et al. Comparison of lip print patterns in two indian subpopulations and its correlation in abo blood groups. Journal of Clinical and Diagnostic Research. 2014;8(10):ZC40-ZC3.	Excluded by title
14	Baker RW, Jr., Subtelny JD, Iranpour B. An American Board of Orthodontics case report. Correction of a Class III mandibular prognathism and asymmetry through orthodontics and orthognathic surgery. Am J Orthod Dentofac Orthop 1991;99(3):191-201. Epub 1991/03/11.	Excluded by title
15	Bilodeau JE. An American Board of Orthodontics case report. Am J Orthod Dentofac Orthop 1997;111(5):487-91.	Excluded by title
16	Bishara SE, Nemeth R. Current challenges and future dilemmas facing the orthodontic profession. Proceedings of a Workshop, The College of Diplomates of the American Board of Orthodontics. Sun Valley, Idaho, July 21-25, 2001. The Angle orthodontist. 2002;72(1):88-90. Epub 2002/02/15.	Excluded by title
17	Bond JA. Orthopedic/orthodontic treatment of a Class I malocclusion with a Class III skeletal pattern and maxillary deficiency. An American Board of Orthodontics case report. Am J Orthod Dentofac Orthop 1987;91(5):429-37. Epub 1987/05/01.	Excluded by title
18	Boskabadi H, Mafinezhad S, Bagher F, Bozorgnia Y. Incidence of thrombocytopenia in idiopathic hyperbilirubinemic newborns. Macedonian Journal of Medical Sciences. 2014;7(2):259-62.	Excluded by title
19	Briss BS, English JD, Riolo ML, Greco PM. A guide to writing ABO test items. Am J Orthod Dentofac Orthop 2005;128(3):397-401. Epub 2005/09/20.	Excluded by title
20	Bruner MK, Hilgers KK, Silveira AM, Butters JM. Graduate orthodontic education: the residents' perspective. Am J Orthod Dentofac Orthop 2005;128(3):277-82. Epub 2005/09/20.	Excluded by title
21	Carrillo R, Rossouw PE. Orthodontic treatment for a patient with congenital cutis laxa. Am J Orthod Dentofac Orthop 2009;136(2):282-9. Epub 2009/08/05.	Excluded by title
22	Castelein PT, DeLeon E, Jr., Dugoni SA, Chung CH, Tadlock LP, Barone ND, et al. Certification renewal process of the American Board of Orthodontics. Am J Orthod Dentofac Orthop 2015;147(5 Suppl):S232-3. Epub 2015/05/01.	Excluded by title
23	Chan MD. An adult malocclusion requiring a combination of orthodontic and prosthodontic treatment. Am J Orthod Dentofac Orthop 1997;111(1):100-5. Epub 1997/01/01.	Excluded by title
24	Childers K. Case report Category 6: Class II Division 1 with severe crowding. Am J Orthod Dentofac Orthop 2004;126(2):245-53. Epub 2004/08/19.	Excluded by title
25	Cho HJ. Patient with severe skeletal Class III malocclusion and severe open bite treated by orthodontics and orthognathic surgery - A case report. Am J Orthod Dentofac Orthop 1996;110(2):155-62.	Excluded by title
26	Chojnacki W, Chojnacka A. ABO and Rh blood groups in children with harelip and cleft palate. Czasopismo Stomatologisczne. 1973;26(6):627-9.	Excluded by title
27	Collins MK. A nonsurgical approach to treatment of a high angle Class II, Division 1 malocclusion in a nongrowing patient. Am J Orthod Dentofac Orthop 1996;110(6):678-81. Epub 1996/12/01.	Excluded by title
28	Coreil MN. Treatment of a patient with a Class II malocclusion and an extremely high mandibular plane angle and severe crowding. Am J Orthod Dentofac Orthop 1997;111(1):93-9.	Excluded by title
29	Cowan RG, Jr. Treatment of a patient with a Class II malocclusion, impacted canine, and severe malalignment. Am J Orthod Dentofac Orthop 2000;118(6):693-8. Epub 2000/12/13.	Excluded by title
30	Cureton SL. A significant transverse discrepancy: a case with a high mandibular plane angle, a severe maxillary arch length deficiency, and significant transverse discrepancy. Am J Orthod Dentofac Orthop 1998;114(3):307-10. Epub 1998/09/22.	Excluded by title
31	Damone J. ABO working to improve board-certification process. Am J Orthod Dentofac Orthop 2002;121(2):16A-7A.	Excluded by title
32	de Cuebas JO. Nonsurgical treatment of a skeletal vertical discrepancy with a significant open bite. Am J Orthod Dentofac Orthop 1997;112(2):124-31. Epub 1997/08/01.	Excluded by title
33	Decker JD, Chen C. Adaptive response of the human dental alveolar process: correction of a Class I protrusive and mutilated dentition, with 32-year follow-up. Am J Orthod Dentofac Orthop 2009;135(4 Suppl):S113-22. Epub 2009/04/23.	Excluded by title
34	Decker JD. Asymmetric mandibular prognathism: a 30-year retrospective case report. Am J Orthod Dentofac Orthop 2006;129(3):436-43. Epub 2006/03/11.	Excluded by title
35	Devries BG. Some views of the American Board of Orthodontics on orthodontic education. American journal of orthodontics.	Excluded by title

	1949;35(4):289-91. Epub 1949/04/01.	
36	Dewel BF. Editorial: The American Board of Orthodontics: a historic milestone. American journal of orthodontics. 1969;55(4):410-1. Epub 1969/04/01.	Excluded by title
37	Dhane JM. An American Board of Orthodontics case report: treatment of a Class I malocclusion with a significant transverse discrepancy and high mandibular plane angle. Am J Orthod Dentofac Orthop 1997;111(3):247-52. Epub 1997/03/01.	Excluded by title
38	Dugoni SA, Lee JS. American Board of Orthodontics Case-Report. Am J Orthod Dentofac Orthop 1991;100(2):99-105.	Excluded by title
39	Dunbar JP, Goldin B, Subtelny JD. An American Board of Orthodontics case report. Correction of Class I crowding in an achondroplastic patient. Am J Orthod Dentofac Orthop 1989;96(3):255-63. Epub 1989/09/01.	Excluded by title
40	Dykhouse VJ, Moffitt AH, Grubb JE, Greco PM, English JD, Briss BS, et al. ABO initial certification examination: official announcement of criteria. Am J Orthod Dentofac Orthop 2006;130(5):662-5. Epub 2006/11/18.	Excluded by title
41	Efstratiadis SS. An American Board of Orthodontics case report. Treatment of an open bite malocclusion. Am J Orthod Dentofac Orthop 1990;98(2):94-102. Epub 1990/08/01.	Excluded by title
42	Emrich SC. An American Board of Orthodontics case report: an adult nonsurgical patient whose treatment required combined dental disciplines. Am J Orthod Dentofac Orthop 1996;110(2):163-9. Epub 1996/08/01.	Excluded by title
43	English JD, Briss BS, Diemer R. ABO invites question for phase II examination. Am J Orthod Dentofac Orthop 2004;126(3):388. Epub 2004/09/10.	Excluded by title
44	English JD, Briss BS, Jamieson SA, Kastrop MC, Castelein PT, Deleon E, Jr., et al. Common errors in preparing for and completing the American Board of Orthodontics clinical examination. Am J Orthod Dentofac Orthop 2011;139(1):136-7.	Excluded by title
45	Ernest lii EA. Percutaneous thermal lesioning of the temporomandibular posterior-superior disc ligament to effect adequate articular disc stabilization. Journal of Neurological and Orthopaedic Medicine and Surgery. 1988;9(2):111-5.	Excluded by title
46	Fenner M, Kessler P, Holst S, Nkenke E, Neukam FW, Holst Al. Blood transfusion in bimaxillary orthognathic operations: Need for testing of type and screen. British Journal of Oral and Maxillofacial Surgery. 2009;47(8):612-5.	Excluded by title
47	Fink FS. Preceptorship revisited. Am J Orthod Dentofac Orthop 2007;131(5):664-5. Epub 2007/05/08.	Excluded by title
48	Fox JN. An American Board of Orthodontics case report. A nonsurgical and nonextraction approach in the treatment of a skeletal and dental Class III malocclusion in a growing patient. Am J Orthod Dentofac Orthop 1990;98(5):470-5.	Excluded by title
49	Frank CA. An American Board of Orthodontics case report: the orthodontic-surgical correction of a Class I malocclusion with high mandibular plane angle, bimaxillary protrusion, and vertical maxillary excess. Am J Orthod Dentofac Orthop 1993;104(3):285-97. Epub 1993/09/01.	Excluded by title
50	Frank CA. An American Board of Orthodontics Case-Report - the Nonsurgical Orthodontic Correction of a Class-Ii Malocclusion. Am J Orthod Dentofac Orthop 1993;103(2):107-14.	Excluded by title
51	García-Hernández F, Beltrán Varas VJ. Agenesia del tercer molar en una etnia originaria del Norte de Chile: Aymaras. Int j morphol. 2009;27(1):151-8.	Excluded by title
52	Glenn G. An American Board of Orthodontics case report: the nonsurgical orthodontic correction of a Class III malocclusion. Am J Orthod Dentofac Orthop 1997;111(2):149-55. Epub 1997/02/01.	Excluded by title
53	Glenn G. An American Board of Orthodontics case report: the orthodontic-surgical correction of a Class II malocclusion with anterior open bite. Am J Orthod Dentofac Orthop 1996;110(1):81-7. Epub 1996/07/01.	Excluded by title
54	Goonewardene RW, Goonewardene MS, Razza JM, Murray K. Accuracy and validity of space analysis and irregularity index measurements using digital models. Australian orthodontic journal. 2008;24(2):83-90.	Excluded by title
55	Gorman JC. Make ABO exam more user-friendly. Am J Orthod Dentofac Orthop 2005;128(1):7.	Excluded by title
56	Greco PM, English JD, Briss BS, Jamieson SA, Kastrop MC, Castelein PT, et al. Banking cases for the American Board of Orthodontics' initial certification examination. Am J Orthod Dentofac Orthop 2010;137(5):575-6. Epub 2010/05/11.	Excluded by title
57	Greene CS, Stockstill J, Rinchuse D, Kandasamy S. Orthodontics and temporomandibular disorders: a curriculum proposal for postgraduate programs. Am J Orthod Dentofac Orthop 2012;142(1):18-24. Epub 2012/07/04.	Excluded by title
58	Griffies JM, Meyers CE. Treatment of a Class I bimaxillary protrusive malocclusion with a high mandibular plane angle: An American Board of Orthodontics case report. Am J Orthod Dentofac Orthop 2000;117(1):60-7. Epub 2000/01/12.	Excluded by title
59	Grob DJ. Extraction of a mandibular incisor in a Class I malocclusion. Am J Orthod Dentofac Orthop 1995;108(5):533-41.	Excluded by title
60	Grubb JE, Greco PM, English JD, Briss BS, Jamieson SA, Kastrop MC, et al. Radiographic and periodontal requirements of the American Board of Orthodontics: a modification in the case display requirements for adult and periodontally involved adolescent and preadolescent patients. Am J Orthod Dentofac Orthop 2008;134(1):3-4. Epub 2008/07/12.	Excluded by title
61	Gu Y, McNamara JA, Jr. Cephalometric superimpositions. The Angle orthodontist. 2008;78(6):967-76. Epub 2008/10/25.	Excluded by title
62	Hart TC, Bowden DW, Bolyard J, Kula K, Hall K, Wright JT. Genetic linkage of the tricho-dento-osseous syndrome to chromosome 17q21. Human Molecular Genetics. 1997;6(13):2279-84.	Excluded by title
63	Hinkle FG. An American Board of Orthodontics case report. Surgical treatment of adult Class II, division 2 malocclusion. Am J Orthod Dentofac Orthop 1989;95(3):185-91. Epub 1989/03/01.	Excluded by title
64	Hopkins SC. The Present Status of the American-Board-of-Orthodontics. Am J Orthod Dentofac Orthop 1952;38(7):552-5.	Excluded by title
65	Jerrold L. Litigation and legislation. Failing the ABO examination: admissible evidence? Am J Orthod Dentofac Orthop 2011;140(6):900-1. Epub 2011/12/03.	Excluded by title
66	Justus Doczi R. Informe de un caso presentado ante el American Board of Orthodontics (segunda parte). Pract Odontol. 1991;12(10):21-5.	Excluded by title
67	Kassisieh SA, Collins MK, English JD. Orthosurgical correction of a Class II open bite, with previous first premolar extractions without follow-up orthodontic treatment. Am J Orthod Dentofac Orthop 1997;112(6):589-95.	Excluded by title
68	Keim RG, Sinclair PM. Orthodontic graduate education survey, 1983-2000. Am J Orthod Dentofac Orthop 2002;121(1):2-8. Kelly MF. Light-wire treatment of a Class II, division 1 subdivision malocclusion. An American Board of Orthodontics case	Excluded by title
69	report. American journal of orthodontics. 1986;89(3):216-22. Epub 1986/03/01. Keränen P, Koort J, Itälä A, Ylänen H, Dalstra M, Hupa M, et al. Bioceramic inlays do not improve mechanical incorporation of	Excluded by title
70	grit-blasted titanium stems in the proximal sheep femur. J Biomed Mat Res - Part A. 2010;92(4):1578-86.	Excluded by title
71 72	Kim KR. Category 2: Adult malocclusion with open bite. Am J Orthod Dentofac Orthop 2009;135(1):127-32. Epub 2009/01/06. King L. Category 1: Interceptive or early treatment. Am J Orthod Dentofac Orthop 2004;126(4):506-16. Epub 2004/10/08.	Excluded by title Excluded by title
73	Klontz KJ. Category 5: Class II Division 1 malocclusion. Am J Orthod Dentofac Orthop 2005;127(2):242-8. Epub 2005/03/08.	Excluded by title
74	Kohda N, Iijima M, Muguruma T, Brantley WA, Ahluwalia KS, Mizoguchi I. Effects of mechanical properties of thermoplastic	Excluded by title
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peley CR. Throsponorum GS, Cene RF, Bechlang PH. Residuer contributions of dockalors, maximum liter force, and chewing cycle internates in maskinatory performance. Am J Orthod Denticles Orthory 2011;13(93) 66-13. Emb 2011;15(94). McCoy JD, Report of the American-Board-d-Orthodonics, Am J Orthod Denticles Orthory 195(4)(93):199-95. McCoy JD, Report of the American-Board-d-Orthodonics to the American-Association of Orthodonics is skeletal pattern. Am J Orthodonics of Common Programs (1997) (199		materials on the initial force of thermonlastic appliances. Angle Orthodoptict, 2012;93(3):476, 93	
Second Color Seco		materials on the initial force of thermoplastic appliances. Angle Orthodontist. 2013;83(3):476-83. Lepley CR. Throckmorton GS. Ceen RF. Buschang PH. Relative contributions of occlusion, maximum hite force, and chewing	
Recourse of Personal Processing State Recourse Re	75		Excluded by title
According to Report of the American-Board-of-Orthodoriscs to the American-Rosoiation-of-Orthodorists, 1950. Am J Orthod Dentofac Orthog 1960;36(6):646-65. am antifacted Class II. Division I malloculation and a delicholacial skeletal pattern. Am J Excluded by title	76		Excluded by title
Christon Composition (1997) and a multisted Class II. Division f malectusion and a delichofacial skeletal pattern. Am J Christon Description (1997) and the State State (1997) and the		McCoy JD. Report of the American-Board-of-Orthodontics to the American-Association-of-Orthodontists, 1950. Am J Orthod	•
Meyer Dr. Treatment of a crowded Class II manacoustonion with significant maxiliary incisor profusion. Am J Orthod Dentotac Orthop 1985; 108(1):185-9. Eput 1985/07(1):185-9. Eput 1980/07(1):185-9. Eput 2013/05(1):185-9. Eput 2013			Excided by the
Michaelbon P. Management of a severely malpositioned replanted avulsed tooth: a case report. Compendium of continuing adication in dentistry (Jamesburg, NJ: 1985). 2013;4(2):e13-8. Epub 2013(5):601. Michael H., Hamis E. Burgmann HE. The A. R. D. duby of them doar development and its use as an estimator of Enduded by title Michael H., Hamis E. Burgmann HE. The A. R. D. duby of them doar development and its use as an estimator of Enduded by title Board of Orthodonics and Orthodonics and Compenditure of the Source of Orthodonics (A) and Orthodonics and Orthodonics and Compenditure of the Source of Orthodonics (A) and Ort	78	Orthod Dentofac Orthop 1995;108(5):542-6. Epub 1995/11/01.	Excluded by title
ducation in dentistry (Jamesburg, NJ: 1996). 2013;4(2):e13-9. Epub 2013;6(501). Miniera FH, Harris EF, Beryman HE. The A. FD. Sutuly of their molar development and its use as an estimator of chronological age. Journal of Forensic Sciences. 1993;38(2):379-90. Mofilit AH, Harris EF, Beryman HE. The A. FD. Sutuly of their molar development and its use as an estimator of chronological age. Journal of Forensic Sciences. 1993;38(2):379-90. Mofilit AH, Farris EF, Beryman HE. The A. FD. Sutuly of their molar development and its use as an estimator of chronological age. Journal of chrohodontics. Am J. Orthod Dentidac Orthog 2006;125(3):439-30. American journal of chrohodontics. 1990;77(3):138-105. Epub 1990;07(3). An J. Orthod Dentidac Chronologo 2003;135(3):339-36. Epub 2009;03(3):409-36. Noulir M, Massudi R, Ragheban AA, Azrini S, Foreidoon F. The accuracy of a 3-D isser accurate for crown width resourcements. Australian orthodontic journal. 2009;25(1):41-7. Nurko C. Three-dimensional imaging cone beam comparet tronography technology: an update and case report of an impacted incisor in a mixed dentition patient. Pediatric dentistry. 2016;32(4):366-00. Epub 2010;09(15). Owers SE, An American-Board-of-Orthodontics Case-Report. Am J. Orthod Dentidac Orthog 2006;13(3):439-8. Excluded by title excluded by ti	79	Orthop 1995;108(1):85-9. Epub 1995/07/01.	Excluded by title
homological age. Journal of Forents Sciences. 1983;38(2):379-90. Moffit AF, Greo PM, Fisiers LD. Appropriate use of the designation of ABO certification: A statement by the American Board of Orthodontics. Am J Orthod Dentodac Orthogo 2006;129(4):571-3. Nachard AS. Nonextraction treatment started in the mixed dentifion. An American Board of Orthodontics case report. Annetican journal of orthodontics. 1980;77(1):381-105. Epub 1880/01/01. Note Theme FT, Mcontrol Control (1980) 1981-1981. Note C. Frenjish J. Category 7: anteroposition of state of the mixed dentifion. An American Board of Orthodontics case report. Note R. English J. Category 7: anteroposition related discrepancy. Am J Orthod Dentodac Orthog 2006;130(3):403-9. Excluded by title excluded by title measurements. Australian orthodontic journal. 2009;26(1):41-7. Nutro C. Three-dimensional imaging cone bean computer temography technology: an update and case report of an impacted by title excluded by title excluded by title over the control of the property of the control of the	80		Excluded by title
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Nachbar AS. Nonetraction treatment started in the mixed dentition. An American Board of Orthodontics see report.	82		Excluded by title
Roble J, Heckter FJ, Karaiskos NE, Lekic N, Wilshire WA. Future practice plans of orthodonic residents in the United States. Excluded by title	83		Excluded by title
Noble R, English J, Categopy T, anteropostenor skeletal discrepency, Am J Orthod Dentofac Orthop 2006;130(3):403-8. Excluded by title Novir M, Massud R, Bapebean AA, Azim's S, Fereidoon F, The accuracy of a 3-D laser scanner for crown with massure of the control of the contro	84	Noble J, Hechter FJ, Karaiskos NE, Lekic N, Wiltshire WA. Future practice plans of orthodontic residents in the United States.	Excluded by title
Nour M, Massudi R, Bagheban AA, Azimi S, Fereidooni F. The accuracy of a 3-D laser scanner for crown width measurements. Austration orthodortic pourmal. 2009;25(1):41-7.	85		Excluded by title
measurements. Justification from the committee of the control of t	86	Nouri M, Massudi R, Bagheban AA, Azimi S, Fereidooni F. The accuracy of a 3-D laser scanner for crown width	Excluded by title
oversity in cistor in a mixed dentition patient. Pediatric dentistry. 2010;32(4):366-80. Epub 2010;09:16. Owens SE, Jr., Dykhouse VJ, Moffitt AH, Grubb JE, Greco PM, English JD, et al. The new American Board of Orthodontics extilication process: further clarification. Am J Orthod Dentofac Orthop 2005;128(4):541-4. Epub 2005;10/11. Park CO, Cho KH, Nonextraction treatment of a Class II Division 1 malocclusion. Am J Orthod Dentofac Orthop 1999;97(4):273-81. Excluded by title 1999;109(3):227-38. Explut 1998(6):301. Park CO, Cho KH, Nonextraction treatment of a Class II Division 1 malocclusion. Am J Orthod Dentofac Orthop 1999;95(1):1-1991;109(3):227-38. Expluded by title 1999;109(3):227-38. Expluded by title 1999;109(4):427-49. Expluded by titl			
certification process: further clarification. Am J Orthod Dentofac Orthop 2005;128(4):541-4. Epub 2005;10/11. 80 Owens SE. An American-Board-of-Orthodnotics Case-Report. Am J Orthod Dentofac Orthop 1999;97(4):273-81. 81 Excluded by title 1998;07(9):3273-38. Excluded by title 1998;07(9):3273-38. Excluded by title 1998;19(9):30(3):227-38. Expl. 1998(6):30(1). 82 Park EX, Subteiny JD, Iranpour B. An American Board of Orthodnotics case-report. A combined face mask-orthopnathic surgical approach in the treatment of skeletal open bite and maxillary deficiency. Am J Orthod Dentofac Orthop 1989;95(1):1-11. Epub 1989/01/01. 83 Price JA, Wright JT, Kula K, Bowden DW, Hart TC. A common DLX3 gene mutation is responsible for tricho-dento-osseous syndrome in Virginia and North Carolina families. Journal of Medical Genetics. 1988;35(1):325-8. 84 Rathbone JS. American-Board-of-Orthodontics - Today and Future. Am J Orthod Dentofac Orthop 1976;69(2):185-93. 85 Repar DP. Subteiny JD. An American Board of Orthodontics case report. Correction of a severe Class II malocclusion. Am J Excluded by title 2015 orthop 2016;69(2):135-93. 86 Rester DF. Subteiny JD. An American Board of Orthodontics case report. Correction of a severe Class II malocclusion. Am J Excluded by title 2015 orthop 2016;69(2):135-93. 87 Repare DF. Subteiny JD. An American Board of Orthodontics case report. Correction of a severe Class II malocclusion. Am J Excluded by title 2015 orthop 2016;69(2):135-93. 88 Repare DF. Subteiny JD. An American Board of Orthodontics case report. Correction of a severe Class II malocclusion. Am J Excluded by title 2015 orthop 2016;69(2):135-93. 89 Repare DF. Policy Process of Pro	87	incisor in a mixed dentition patient. Pediatric dentistry. 2010;32(4):356-60. Epub 2010/09/15.	Excluded by title
Park CO, Cho KH. Nonextraction treatment of a Class II Division 1 malocclusion. Am J Orthod Dentofac Orthop Excluded by title Paz ME, Subtelny JD, Iranpour B, An American Board of Orthodontics case report. A combined face mask-orthognathic surgical approach in the treatment of skeletal open bite and maxillary deficiency. Am J Orthod Dentofac Orthop 1989;95(1):1- 11. Epub 1989/01/01. Priezzano WJ, Certification by the American Board of Orthodontics. American journal of orthodontics. 1970;57(3):293-4. Priezzano WJ, Certification by the American Board of Orthodontics. American journal of orthodontics. 1970;57(3):293-4. Priezzano WJ, Certification by the American Board of Orthodontics. American journal of orthodontics. 1970;57(3):293-4. Priezzano WJ, Certification by the American Board of Orthodontics. American journal of orthodontics. 1970;57(3):293-4. Priezzano WJ, Certification Pain likely 1970;11. Regan PD, Subtelny JD. An American Board of Orthodontics aces report. Correction of a severe Class II malocclusion. Am J Orthod Dentofac Orthop 1989;95(3):192-9. Epub 1989/03/01. Restrep LG, Peláez JF, Tadlock LP. IBC: Indice Board CES. CES Odontol. 2014;27(1):106-17. Roherts WE, Viecilli RF, Chang C, Katona TR, Paydar NH. Biology of biomechanics. Finite element analysis of a statically determinate system to rotate the occused plane for correction of a selectal Class III open-bite malocclusion. Am J Orthod Dentofac Orthop 2005;128(1):6-7. Excluded by title Roden-Johnson D, English J, Gallerano R, Comparison of hand-traced and computerized cephalograms: landmark identification, measurement, and superimposition accuracy. Am J Orthod Dentofac Orthop 2008;133(4):565-64. Rossini G, Parrini S, Castrolforio T, Dereglusa A, Debernardi CL. Diagnosica accuracy and measurement analysis of a statically excluded by title identification, measurement, and superimposition accuracy. Am J Orthod Dentofac Orthop 2008;133(4):565-64. Rossini G, Parrini S, Castrolforio T, Dereglusa A, Debernardi CL. Diagnosica accuracy and m		certification process: further clarification. Am J Orthod Dentofac Orthop 2005;128(4):541-4. Epub 2005/10/11.	
98 1996;109(3);227-33. Epub 1998/03/01. Paz ME, Subtlenly JD, Iranpour B, An American Board of Orthodontics case report. A combined face mask-orthognathic surgical approach in the treatment of skeletal open bite and maxillary deficiency. Am J Orthod Dentofac Orthop 1989;95(1):1-11. Paz ME, Subtlenly JD, Iranpour B, An American Board of Orthodontics. American journal of orthodontics. 1970;67(3):233-4. Prezzano WJ, Certification by the American Board of Orthodontics. American journal of orthodontics. 1970;67(3):233-4. Prezzano WJ, Certification by Whart TC. A common DLX3 gene mutation is responsible for tricho-dento-osseous syndrome in Virginia and North Carolina families. Journal of Medical Genetics. 1998;35(1):19825-8. Ratibbone JS. American-Board-of-Orthodontics. Today and Future. Am J Orthod Dentofac Orthop 1976;69(2):158-93. Ratibbone JS. American-Board-of-Orthodontics case report. Correction of a severe class II mallocclusion. Am J Crithod Dentofac Orthop 1989;93(3):122-15. Restruct DE, Peláez JF, Tadlock LP, EleC. Epub 1989/03/01. Restruct JG. Palez JF, Palez JF, Tadlock LP, EleC. Epub 1989/03/01. Restruct JG. Palez JF, Palez JF, Tadlock LP, EleC. Epub 1989/03/01. Roberts WE, Viecilli RF, Chang C, Katona TR, Paydar MH. Biology of biomechanics: Finite element analysis of a statically determinate system to rotate the occlusal plane for correction of a skeletal Class III open-bite malocclusion. Am J Orthod Dentofac Orthop 2008;138(4):494-6. Roberts WE, Viecilli RF, Chang C, Katona TR, Paydar MH. Biology of biomechanics: Finite element analysis of a statically determinate system to rotate the occlusal plane for correction of a skeletal Class III open-bite malocclusion. Am J Orthod Dentofac Orthop 2008;138(4):565-64. Roberts WE, Viecilli RF, Chang C, Katona TR, Paydar MH. Biology of biomechanics: Finite element analysis of a statically determinate system to rotate the occlusal plane for correction of a skeletal Class III open-bite malocclusion. Am J Orthod Dentofac Orthop 2008;133(4):565-64. Robert	89		Excluded by title
surgical approach in the treatment of skeletal open bite and maxillary deficiency. Am J Orthod Dentofac Orthop 1989;95(1):1- 11. Epub 1989/01/01. Prezzano WJ. Certification by the American Board of Orthodontics. American journal of orthodontics. 1970;57(3):293-4. Price JA, Wright JT, Kula K, Bowden DW, Hart TC. A common DLX3 gene mutation is responsible for tricho-dento-osseous syndrome in Virginia and North Carolina families. Journal of Medical Genetics. 1998;35(10):826-87.69(2):185-93. Regan PD, Subleiny JD. An American Board of Orthodontics are report. Correction of a severe Class II malocclusion. Am J Orthod Dentofac Orthop 1989;95(3):192-9. Epub 1989/03/01. Restept LO, Peláez JT, Tadlock LP, IBC: Indice Board CES. CES Odontol. 2014;27(1):106-17. Rhoney DV. ABO certification plan likely to experience new problems. Am J Orthod Dentofac Orthop 2005;128(1):6-7. Excluded by title Problems of Syndrom	90	1996;109(3):227-33. Epub 1996/03/01.	Excluded by title
Prezzano WJ. Certification by the American Board of Orthodontics. American journal of orthodontics. 1970;57(3):293-4. Price JA, Wright JT, Kula K, Bowden DW, Hart TC. A common DLX3 gene mutation is responsible for tricho-dento-osseous syndrome in Virginia and North Carolina families. Journal of Medical Genetics. 1998;35(10):825-8. Rathbone JS. American-Board-of-Orthodontics - Today and Future. Am J Orthod Dentofac Orthop 1976;69(2):185-93. Restuded by title Restuded by title Drinko Dentofac Orthop 1989;95(3):192-9. Epub 1989/03(0). Restrep LG, Peläez JF, Tadlock LP, IBC: Indice Board CES. CES Odontol. 2014;27(1):106-17. Rehoney DV. ABO certification plan likely to experience new problems. Am J Orthod Dentofac Orthop 2005;128(1):6-7. Richard S, Brunova C, Quality of Outcome. Evidence-Based Orthodontics. 2011;191-215. Richard S, Brunova C, Quality of Outcome. Evidence-Based Orthodontics. 2011;191-215. Richard S, Brunova C, Quality of Outcome. Evidence-Based Orthodontics. 2011;191-215. Richard S, Brunova C, Quality of Outcome. Evidence-Based Orthodontics. 2011;191-215. Richard S, Brunova C, Quality of Outcome. Evidence-Based Orthodontics. 2011;191-215. Richard S, Brunova C, Quality of Outcome. Evidence-Based Orthodontics. 2011;191-215. Richard S, Brunova C, Quality of Outcome. Evidence-Based Orthodontics. 2011;191-215. Richard S, Brunova C, Quality of Outcome. Evidence-Based Orthodontics. 2014;191-215. Richard S, Brunova C, Guality of Outcome. Evidence-Based Orthodontics. 2014;191-215. Richard S, Brunova C, Guality of Outcome. Evidence-Based Orthodontics of a skeletal Class III open-bite malocclusion. Am J Orthod Dentofac Orthop 2015;148(6):943-55. Epub 2015/12/18. Roberts WE, Viscilli RF, Chang C, Katona TR, Paydar NH. Biology of Diemechanics: Finite dentification. Am J Orthod Dentofac Orthop 2015;148(6):943-55. Epub 2015/12/18. Roberts WE, Viscilli RF, Chang C, Katona TR, Paydar NH. Biology of Diemechanics: Finite dentification. Am J Orthod Dentofac Orthop 2015;148(6):943-55. Epub 1996/12/12/18	91	surgical approach in the treatment of skeletal open bite and maxillary deficiency. Am J Orthod Dentofac Orthop 1989;95(1):1-	Excluded by title
syndrome in Virginia and North Carolina families. Journal of Medical Genetics. 1998;35(10):825-8. 4 Rathbore J.S. American-Board-of-Orthodortics: a Today and Future. Am. J Orthod Dentofac Orthop 1976;69(2):185-93. 5 Regan PD, Subtelny JD. An American Board of Orthodontics case report. Correction of a severe Class II malocclusion. Am. J Chrlod Dentofac Orthop 1989;95(3):192-9. Epub 1989/98(3):192-9. Epub 1989	92	Prezzano WJ. Certification by the American Board of Orthodontics. American journal of orthodontics. 1970;57(3):293-4.	Excluded by title
Rathbone JS. American-Board-of-Orthodontics - Today and Future. Am J Orthod Dentofac Orthop 1976;69(2):185-93. Excluded by title	93		Excluded by title
Regan PD, Subtelny JD. An American Board of Orthodontics case report. Correction of a severe Class II malocclusion. Am J Excluded by title	94		Excluded by title
Restrep LG, Peláez JF, Tadlock LP, IBC: indice Board CES. CES Odontol. 2014;27(1):106-17. Excluded by title		Regan PD, Subtelny JD. An American Board of Orthodontics case report. Correction of a severe Class II malocclusion. Am J	•
Rhoney DV. ABO certification plan likely to experience new problems. Am J Orthod Dentofac Orthop 2005;128(1):6-7. Excluded by title Richmond S, Zhurov A. Quality of Outcome. Evidence-Based Orthodontics. 2011:191-215. Excluded by title Richmond S, Zhurov A. Quality of Outcome. Evidence-Based Orthodontics. 2011:191-215. Excluded by title Richmond S, Zhurov A. Quality of Outcome. Evidence-Based Orthodontics. 2011:191-215. Excluded by title Richmond S, Zhurov A. Quality of Outcome. Evidence-Based Orthodontics. 2011:191-215. Excluded by title Richmond S, Zhurov A. Quality of United Parks of Several Parks of Pa	96		Excluded by title
Riolo ML, Vaden JL. Standard of care: Why it is necessary. Am J Orthod Dentofac Orthop 2009;136(4):494-6. Excluded by title	97		Excluded by title
Roberts WE, Viecilli RF, Chang C, Katona TR, Paydar NH. Biology of biomechanics: Finite element analysis of a statically determinate system to rotate the occlusal plane for correction of a skeletal Class III open-bite malocclusion. Am J Orthod Dentofac Orthop 2015;148(6):943-55. Epub 2015/12/18. Roden-Johnson D, English J, Gallerano R. Comparison of hand-traced and computerized cephalograms: landmark identification, measurement, and superimposition accuracy. Am J Orthod Dentofac Orthop 2008;133(4):556-64. Rossini G, Parrini S, Castroflorio T, Deregibus A, Debernardi CL. Diagnostic accuracy and measurement sensitivity of digital models for orthodontic purposes: A systematic review. Am J Orthod Dentofac Orthop 2016;149(2):161-70. Epub 2016/02/02. Schuberth G, Shaughnessy T, Timmis D. Mandibular advancement and reduction genioplasty. Am J Orthod Dentofac Orthop 1990;98(6):481-7. Epub 1990/12/01. Seely DM. An American Board of Orthodontics case report: treatment of a crowded Class II malocclusion in an adult. Am J Orthod Dentofac Orthop 1993;104(3):298-303. Epub 1993/09/01. Shepard EE. The American Board of Orthodontics. What manner of men were these. Am J Orthod Dentofac Orthop 1990;98(4):372-5. Excluded by title Shepard EE. American Board of Orthodontics. What manner of men were these. Am J Orthod Dentofac Orthop 1990;98(4):372-5. Shepard EE. The American-Board of Orthodontics. What manner of men were these. Am J Orthod Dentofac Orthop 1990;98(4):372-5. Shepard EE. The American-Board of Orthodontics. What manner of men were these. Am J Orthod Dentofac Orthop 1990;98(4):372-5. Shepard EE. The American-Board of Orthodontics. What manner of men were these. Am J Orthod Dentofac Orthop 1990;110(1):803-3. Epub 1991/07/01. Shepard EE. The American-Board of Orthodontics. Then and Now. Am J Orthod Dentofac Orthop 1996;89(1):67-9. Excluded by title Shepard EE. The American-Board of Orthodontics on the wave these. Am J Orthod Dentofac Orthop 1999;110(6):682-7. Epub 1999/07/07. Shepard EE. The American-Board-of-O	98		
determinate system to rotate the occlusal plane for correction of a skeletal Class III open-bite malocclusion. Am J Orthod Dentofac Orthop 2015;148(6):943-55. Epub 2015/12/18. 101 Roden-Johnson D, English J, Gallerano R. Comparison of hand-traced and computerized cephalograms: landmark identification, measurement, and superimposition accuracy. Am J Orthod Dentofac Orthop 2008;133(4):556-64. 102 Rossini G, Parrini S, Castroflorio T, Deregibus A, Debernardi CL. Diagnostic accuracy and measurement sensitivity of digital models for orthodontic purposes: A systematic review. Am J Orthod Dentofac Orthop 2016;149(2):161-70. Epub 2016/02/02. 103 Schuberth G, Shaughnessy T, Timmis D. Mandibular advancement and reduction genioplasty. Am J Orthod Dentofac Orthop 2016;149(2):161-70. Epub 2016/02/02. 104 Seely DM. An American Board of Orthodontics case report: treatment of a crowded Class II malocclusion in an adult. Am J Orthod Dentofac Orthop 1993;104(3):298-303. Epub 1993/09/01. 105 Shepard E. The American Board of Orthodontics: milestones of progress. Am J Orthod Dentofac Orthop 1990;98(4):372-5. Excluded by title 106 Shepard EE. American Board of Orthodontics. What manner of men were these. Am J Orthod Dentofac Orthop 1991;100(1):80-3. Epub 1991/07/01. 107 Shepard EE. The American-Board-of-Orthodontics - Then and Now. Am J Orthod Dentofac Orthop 1986;89(1):67-9. Excluded by title 1091;100(1):80-3. Epub 1993/04/01. Excluded by title 1091;100(1):80-3. Epub 1993;103(4):380-1. Epub 1993/04/01. Excluded Dentofac Orthop 1993;103(4):380-1. Epub 1993/04/01. Excluded Dentofac Orthop 1993;103(4):380-1. Epub 1993/04/01. Excluded by title 1091;100(1):80-3. Epub 1993;103(4):380-1. Epub 1993/04/01. Excluded Dentofac Orthop 1993	99		Excluded by title
Roden-Johnson D, English J, Gallerano R. Comparison of hand-traced and computerized cephalograms: landmark identification, measurement, and superimposition accuracy. Am J Orthod Dentofac Orthop 2008;133(4):556-64. 102 Rossini G, Parini S, Castrofforio T, Deregibus A, Debemardi CL. Diagnostic accuracy and measurement sensitivity of digital models for orthodontic purposes: A systematic review. Am J Orthod Dentofac Orthop 2016;149(2):161-70. Epub 2016/02/02. 103 Schuberth G, Shaughnessy T, Timmis D. Mandibular advancement and reduction genioplasty. Am J Orthod Dentofac Orthop 1990;98(6):481-7. Epub 1990/12/01. 104 Seely DM. An American Board of Orthodontics case report: treatment of a crowded Class II malocclusion in an adult. Am J Orthod Dentofac Orthop 1993;104(3):298-303. Epub 1993/09/01. 105 Shepard E. The American Board of Orthodontics: milestones of progress. Am J Orthod Dentofac Orthop 1990;98(4):372-5. Excluded by title 1991;100(1):80-3. Epub 1991/07/01. 106 Shepard EE. American Board of Orthodontics. What manner of men were these. Am J Orthod Dentofac Orthop 1990;98(4):372-5. Excluded by title 1991;100(1):80-3. Epub 1991/07/01. 107 Shepard EE. American Board of Orthodontics - Then and Now. Am J Orthod Dentofac Orthop 1986;89(1):67-9. Excluded by title 1991;100(1):80-3. Epub 1991/07/01. 108 Sheridan JJ. Mock Boards and motivation: the keys to certification by the American Board of Orthodontics. Am J Orthod Dentofac Orthop 1993;103(4):380-1. Epub 1993/04/01. 109 Johnson J. Mock Boards and motivation: the keys to certification by the American Board of Orthodontics. Am J Orthod Dentofac Orthop 1993;106(6):682-7. Epub 1996/12/01. 109 Johnson J. American Board of Orthodontics open bite and mutilated malocclusion without orthognathic surgery. Am J Orthod Dentofac Orthop 1996;110(6):682-7. Epub 1996/12/01. 110 Smith GA. Treatment of an adult with a severe anterior open bite and mutilated malocclusion without orthognathic surgery. Am J Orthod Dentofac Orthop 1999;116(2):177-83. Epub 1999/08/04/01. 110 S	100	determinate system to rotate the occlusal plane for correction of a skeletal Class III open-bite malocclusion. Am J Orthod	Excluded by title
Rossini G, Parrini S, Castroflorio T, Deregibus A, Debernardi CL. Diagnostic accuracy and measurement sensitivity of digital models for orthodontic purposes: A systematic review. Am J Orthod Dentofac Orthop 2016;149(2):161-70. Epub 2016/02/02. Schuberth G, Shaughnessy T, Timmis D. Mandibular advancement and reduction genioplasty. Am J Orthod Dentofac Orthop 1990;98(6):481-7. Epub 1990/12/01. Excluded by title schuberth G, Shaughnessy T, Timmis D. Mandibular advancement and reduction genioplasty. Am J Orthod Dentofac Orthop 1990;98(6):481-7. Epub 1990/12/01. Seely DM. An American Board of Orthodontics case report: treatment of a crowded Class II malocclusion in an adult. Am J Excluded by title Orthod Dentofac Orthop 1993;104(3):298-303. Epub 1993/09/01. Shepard E. The American Board of Orthodontics: milestones of progress. Am J Orthod Dentofac Orthop 1990;98(4):372-5. Shepard EE. American Board of Orthodontics. What manner of men were these. Am J Orthod Dentofac Orthop 1990;98(4):372-5. Excluded by title Excluded by title Sheridan JJ. Mock Boards and motivation: the keys to certification by the American Board of Orthodontics. Am J Orthod Dentofac Orthop 1993;103(4):380-1. Epub 1993/04/01. Smith GA. Treatment of an adult with a severe anterior open bite and mutilated malocclusion without orthognathic surgery. Am J Orthod Dentofac Orthop 1996;110(6):682-7. Epub 1996/12/01. Smith SW, English JD. Orthodontic correction of a class III malocclusion in an adolescent patient with a bonded RPE and protraction face mask. Am J Orthod Dentofac Orthop 1999;116(2):177-83. Epub 1999/08/06. Snyder EP, Subtelny JD. An American Board of Orthodontics case report. Orthodontic treatment of a patient born with a severe right unilateral cleft lip and palate. Am J Orthod Dentofac Orthop 1989;95(4):273-81. Epub 1989/04/01. Snyder EP, Subtelny JD. An American Board of Orthodontics case report. Orthodontic treatment of a patient born with a severe right unilateral cleft lip and palate. Am J Orthod Dentofac Orthop 1989;95(4):273-	101	Roden-Johnson D, English J, Gallerano R. Comparison of hand-traced and computerized cephalograms: landmark	Excluded by title
Schuberth G, Shaughnessy T, Timmis D. Mandibular advancement and reduction genioplasty. Am J Orthod Dentofac Orthop 1990;98(6):481-7. Epub 1990/12/01. Seely DM. An American Board of Orthodontics case report: treatment of a crowded Class II malocclusion in an adult. Am J Orthod Dentofac Orthop 1993;104(3):298-303. Epub 1993/09/01. Shepard E. The American Board of Orthodontics: milestones of progress. Am J Orthod Dentofac Orthop 1990;98(4):372-5. Excluded by title Shepard EE. American Board of Orthodontics. What manner of men were these. Am J Orthod Dentofac Orthop 1991;100(1):80-3. Epub 1991/07/01. Shepard EE. The American-Board-of-Orthodontics - Then and Now. Am J Orthod Dentofac Orthop 1986;89(1):67-9. Sheridan JJ. Mock Boards and motivation: the keys to certification by the American Board of Orthodontics. Am J Orthod Dentofac Orthop 1993;103(4):380-1. Epub 1993/04/01. Smith GA. Treatment of an adult with a severe anterior open bite and mutilated malocclusion without orthognathic surgery. Am J Orthod Dentofac Orthop 1996;110(6):682-7. Epub 1996/12/01. Smith SW, English JD. Orthodontic correction of a class III malocclusion in an adolescent patient with a bonded RPE and protraction face mask. Am J Orthod Dentofac Orthop 1999;116(2):177-83. Epub 1999/08/06. Snyder EP, Subtelny JD. An American Board of Orthodontics case report. Orthodontic treatment of a patient born with a severe right unilateral cleft lip and palate. Am J Orthod Dentofac Orthop 1999;95(4):273-81. Epub 1989/04/01. Snyder EP, Subtelny JD. An American Board of Orthodontics case. Am J Orthod Dentofac Orthop 1999;116(4):424-9. Epub 1999/10/08. Stevens DR, Flores-Mir C, Nebbe B, Raboud DW, Heo G, Major PW. Validity, reliability, and reproducibility of plaster vs digital	102	Rossini G, Parrini S, Castroflorio T, Deregibus A, Debernardi CL. Diagnostic accuracy and measurement sensitivity of digital	Excluded by title
Seely DM. An American Board of Orthodontics case report: treatment of a crowded Class II malocclusion in an adult. Am J Orthod Dentofac Orthop 1993;104(3):298-303. Epub 1993/09/01. Shepard E. The American Board of Orthodontics: milestones of progress. Am J Orthod Dentofac Orthop 1990;98(4):372-5. Excluded by title Shepard EE. American Board of Orthodontics. What manner of men were these. Am J Orthod Dentofac Orthop 1991;100(1):80-3. Epub 1991/07/01. Shepard EE. The American-Board-of-Orthodontics - Then and Now. Am J Orthod Dentofac Orthop 1986;89(1):67-9. Sheridan JJ. Mock Boards and motivation: the keys to certification by the American Board of Orthodontics. Am J Orthod Dentofac Orthop 1993;103(4):380-1. Epub 1993/04/01. Smith GA. Treatment of an adult with a severe anterior open bite and mutilated malocclusion without orthognathic surgery. Am J Orthod Dentofac Orthop 1996;110(6):682-7. Epub 1996/12/01. Smith SW, English JD. Orthodontic correction of a class III malocclusion in an adolescent patient with a bonded RPE and protraction face mask. Am J Orthod Dentofac Orthop 1999;116(2):177-83. Epub 1999/08/06. Snyder EP, Subtelny JD. An American Board of Orthodontics case report. Orthodontic treatment of a patient born with a severe right unilateral cleft lip and palate. Am J Orthod Dentofac Orthop 1989;95(4):273-81. Epub 1989/04/01. Snyder RJ. Class II malocclusion correction: an American board of orthodontics case. Am J Orthod Dentofac Orthop 1999;116(4):424-9. Epub 1999/10/08. Stevens DR, Flores-Mir C, Nebbe B, Raboud DW, Heo G, Major PW. Validity, reliability, and reproducibility of plaster vs digital Excluded by title Excluded by title Excluded by title	103	Schuberth G, Shaughnessy T, Timmis D. Mandibular advancement and reduction genioplasty. Am J Orthod Dentofac Orthop	Excluded by title
Shepard E. The American Board of Orthodontics: milestones of progress. Am J Orthod Dentofac Orthop 1990;98(4):372-5. Shepard EE. American Board of Orthodontics. What manner of men were these. Am J Orthod Dentofac Orthop 1991;100(1):80-3. Epub 1991/07/01. Shepard EE. The American-Board-of-Orthodontics - Then and Now. Am J Orthod Dentofac Orthop 1986;89(1):67-9. Sheridan JJ. Mock Boards and motivation: the keys to certification by the American Board of Orthodontics. Am J Orthod Dentofac Orthop 1993;103(4):380-1. Epub 1993/04/01. Smith GA. Treatment of an adult with a severe anterior open bite and mutilated malocclusion without orthognathic surgery. Am J Orthod Dentofac Orthop 1996;110(6):682-7. Epub 1996/12/01. Smith SW, English JD. Orthodontic correction of a class III malocclusion in an adolescent patient with a bonded RPE and protraction face mask. Am J Orthod Dentofac Orthop 1999;116(2):177-83. Epub 1999/08/06. Snyder EP, Subtelny JD. An American Board of Orthodontics case report. Orthodontic treatment of a patient born with a severe right unilateral cleft lip and palate. Am J Orthod Dentofac Orthop 1989;95(4):273-81. Epub 1989/04/01. Snyder RJ. Class II malocclusion correction: an American board of orthodontics case. Am J Orthod Dentofac Orthop 1999;116(4):424-9. Epub 1999/10/08. Stevens DR, Flores-Mir C, Nebbe B, Raboud DW, Heo G, Major PW. Validity, reliability, and reproducibility of plaster vs digital	104	Seely DM. An American Board of Orthodontics case report: treatment of a crowded Class II malocclusion in an adult. Am J	Excluded by title
1991;100(1):80-3. Epub 1991/07/01. 107 Shepard EE. The American-Board-of-Orthodontics - Then and Now. Am J Orthod Dentofac Orthop 1986;89(1):67-9. 108 Sheridan JJ. Mock Boards and motivation: the keys to certification by the American Board of Orthodontics. Am J Orthod Dentofac Orthop 1993;103(4):380-1. Epub 1993/04/01. 109 Smith GA. Treatment of an adult with a severe anterior open bite and mutilated malocclusion without orthognathic surgery. Am J Orthod Dentofac Orthop 1996;110(6):682-7. Epub 1996/12/01. 110 Smith SW, English JD. Orthodontic correction of a class III malocclusion in an adolescent patient with a bonded RPE and protraction face mask. Am J Orthod Dentofac Orthop 1999;116(2):177-83. Epub 1999/08/06. 111 Snyder EP, Subtelny JD. An American Board of Orthodontics case report. Orthodontic treatment of a patient born with a severe right unilateral cleft lip and palate. Am J Orthod Dentofac Orthop 1989;95(4):273-81. Epub 1989/04/01. 112 Snyder RJ. Class II malocclusion correction: an American board of orthodontics case. Am J Orthod Dentofac Orthop 1999;116(4):424-9. Epub 1999/10/08. 113 Stevens DR, Flores-Mir C, Nebbe B, Raboud DW, Heo G, Major PW. Validity, reliability, and reproducibility of plaster vs digital Excluded by title	105	Shepard E. The American Board of Orthodontics: milestones of progress. Am J Orthod Dentofac Orthop 1990;98(4):372-5.	Excluded by title
107 Shepard EE. The American-Board-of-Orthodontics - Then and Now. Am J Orthod Dentofac Orthop 1986;89(1):67-9. 108 Sheridan JJ. Mock Boards and motivation: the keys to certification by the American Board of Orthodontics. Am J Orthod Dentofac Orthop 1993;103(4):380-1. Epub 1993/04/01. 109 Smith GA. Treatment of an adult with a severe anterior open bite and mutilated malocclusion without orthognathic surgery. Am J Orthod Dentofac Orthop 1996;110(6):682-7. Epub 1996/12/01. 110 Smith SW, English JD. Orthodontic correction of a class III malocclusion in an adolescent patient with a bonded RPE and protraction face mask. Am J Orthod Dentofac Orthop 1999;116(2):177-83. Epub 1999/08/06. 111 Snyder EP, Subtelny JD. An American Board of Orthodontics case report. Orthodontic treatment of a patient born with a severe right unilateral cleft lip and palate. Am J Orthod Dentofac Orthop 1989;95(4):273-81. Epub 1989/04/01. 112 Snyder RJ. Class II malocclusion correction: an American board of orthodontics case. Am J Orthod Dentofac Orthop 1999;116(4):424-9. Epub 1999/10/08. 113 Stevens DR, Flores-Mir C, Nebbe B, Raboud DW, Heo G, Major PW. Validity, reliability, and reproducibility of plaster vs digital Excluded by title Excluded by title Excluded by title Excluded by title	106		Excluded by title
Dentofac Orthop 1993;103(4):380-1. Epub 1993/04/01. Smith GA. Treatment of an adult with a severe anterior open bite and mutilated malocclusion without orthognathic surgery. Am J Orthod Dentofac Orthop 1996;110(6):682-7. Epub 1996/12/01. Smith SW, English JD. Orthodontic correction of a class III malocclusion in an adolescent patient with a bonded RPE and protraction face mask. Am J Orthod Dentofac Orthop 1999;116(2):177-83. Epub 1999/08/06. Snyder EP, Subtelny JD. An American Board of Orthodontics case report. Orthodontic treatment of a patient born with a severe right unilateral cleft lip and palate. Am J Orthod Dentofac Orthop 1989;95(4):273-81. Epub 1989/04/01. Snyder RJ. Class II malocclusion correction: an American board of orthodontics case. Am J Orthod Dentofac Orthop 1999;116(4):424-9. Epub 1999/10/08. Stevens DR, Flores-Mir C, Nebbe B, Raboud DW, Heo G, Major PW. Validity, reliability, and reproducibility of plaster vs digital Excluded by title	107	Shepard EE. The American-Board-of-Orthodontics - Then and Now. Am J Orthod Dentofac Orthop 1986;89(1):67-9.	Excluded by title
J Orthod Dentofac Orthop 1996;110(6):682-7. Epub 1996/12/01. Smith SW, English JD. Orthodontic correction of a class III malocclusion in an adolescent patient with a bonded RPE and protraction face mask. Am J Orthod Dentofac Orthop 1999;116(2):177-83. Epub 1999/08/06. Snyder EP, Subtelny JD. An American Board of Orthodontics case report. Orthodontic treatment of a patient born with a severe right unilateral cleft lip and palate. Am J Orthod Dentofac Orthop 1989;95(4):273-81. Epub 1989/04/01. Snyder RJ. Class II malocclusion correction: an American board of orthodontics case. Am J Orthod Dentofac Orthop 1999;116(4):424-9. Epub 1999/10/08. Stevens DR, Flores-Mir C, Nebbe B, Raboud DW, Heo G, Major PW. Validity, reliability, and reproducibility of plaster vs digital Excluded by title	108	Dentofac Orthop 1993;103(4):380-1. Epub 1993/04/01.	Excluded by title
Smith SW, English JD. Orthodontic correction of a class III malocclusion in an adolescent patient with a bonded RPE and protraction face mask. Am J Orthod Dentofac Orthop 1999;116(2):177-83. Epub 1999/08/06. Snyder EP, Subtelny JD. An American Board of Orthodontics case report. Orthodontic treatment of a patient born with a severe right unilateral cleft lip and palate. Am J Orthod Dentofac Orthop 1989;95(4):273-81. Epub 1989/04/01. Snyder RJ. Class II malocclusion correction: an American board of orthodontics case. Am J Orthod Dentofac Orthop 1999;116(4):424-9. Epub 1999/10/08. Stevens DR, Flores-Mir C, Nebbe B, Raboud DW, Heo G, Major PW. Validity, reliability, and reproducibility of plaster vs digital Excluded by title	109		Excluded by title
Snyder EP, Subtelny JD. An American Board of Orthodontics case report. Orthodontic treatment of a patient born with a severe right unilateral cleft lip and palate. Am J Orthod Dentofac Orthop 1989;95(4):273-81. Epub 1989/04/01. Snyder RJ. Class II malocclusion correction: an American board of orthodontics case. Am J Orthod Dentofac Orthop 1999;116(4):424-9. Epub 1999/10/08. Stevens DR, Flores-Mir C, Nebbe B, Raboud DW, Heo G, Major PW. Validity, reliability, and reproducibility of plaster vs digital Excluded by title	110	Smith SW, English JD. Orthodontic correction of a class III malocclusion in an adolescent patient with a bonded RPE and	Excluded by title
Snyder RJ. Class II malocclusion correction: an American board of orthodontics case. Am J Orthod Dentofac Orthop Excluded by title Stevens DR, Flores-Mir C, Nebbe B, Raboud DW, Heo G, Major PW. Validity, reliability, and reproducibility of plaster vs digital Excluded by title	111	Snyder EP, Subtelny JD. An American Board of Orthodontics case report. Orthodontic treatment of a patient born with a	Excluded by title
Stevens DR, Flores-Mir C, Nebbe B, Raboud DW, Heo G, Major PW. Validity, reliability, and reproducibility of plaster vs digital	112	Snyder RJ. Class II malocclusion correction: an American board of orthodontics case. Am J Orthod Dentofac Orthop	Excluded by title
	113	Stevens DR, Flores-Mir C, Nebbe B, Raboud DW, Heo G, Major PW. Validity, reliability, and reproducibility of plaster vs digital	Excluded by title

	Destroys Orthon 2006:120(6):704.903. Fourh 2006/06/14	
	Dentofac Orthop 2006;129(6):794-803. Epub 2006/06/14. Tavares CA, Allgayer S, Calvete Eda S, Polido WD. Orthodontic treatment for a patient with advanced periodontal disease:	
114	11-year follow-up. Am J Orthod Dentofac Orthop 2013;144(3):455-65. Epub 2013/09/03.	Excluded by title
445	Tipton NJ. Category 7: Class II skeletal malocclusion with transverse maxillary constriction in an adult patient. Am J Orthod	E 1 1 1 20
115	Dentofac Orthop 2005;128(4):528-34. Epub 2005/10/11.	Excluded by title
116	Turley PK. An American Board of Orthodontics case report: the surgical-orthodontic management of a Class I malocclusion	Excluded by title
110	with excessive overbite and periodontal bone loss. Am J Orthod Dentofac Orthop 1993;104(4):402-10. Epub 1993/10/01.	Excitated by title
117	Vaughan JL. Orthodontic correction of an adult Angle Class II Division 2 deep bite. Am J Orthod Dentofac Orthop	Excluded by title
	1999;116(1):75-81. Vaught RA. Treatment of a Class II Division 1 malocclusion with a high mandibular angle. Am J Orthod Dentofac Orthop	•
118	2000;118(3):341-6. Epub 2000/09/13.	Excluded by title
119	Vaught RA. Treatment of a Class II Division 1 malocclusion. Am J Orthod Dentofac Orthop 2000;118(2):229-33.	Excluded by title
120	Veenema AC, Katsaros C, Boxum SC, Bronkhorst EM, Kuijpers-Jagtman AM. Index of Complexity, Outcome and Need	•
	scored on plaster and digital models. European journal of orthodontics. 2009;31(3):281-6.	Excluded by title
121	Wade DB. ABO certification: a worthy goal. Am J Orthod Dentofac Orthop 1993;103(5):478. Epub 1993/05/01.	Excluded by title
122	Wahl N. Orthodontics in 3 millennia. Chapter 2: Entering the modern era. Am J Orthod Dentofac Orthop 2005;127(4):510-5.	Excluded by title
123	Webster RL. Report of the President of the American Board of Orthodontics to the Directors of the American-Association-of-Orthodontists. Am J Orthod Dentofac Orthop 1954;40(10):793-5.	Excluded by title
124	White OW. Report of the American-Board-of-Orthodontics. Am J Orthod Dentofac Orthop 1948;34(12):1027-8.	Excluded by title
	Zhang N, Bai YX, Ding XJ, Zhang Y. Preparation and characterization of thermoplastic materials for invisible orthodontics.	,
125	Dent Mater J. 2011;30(6):954-9.	Excluded by title
	Wiranto MG, Engelbrecht WP, Nolthenius HET, van der Meer WJ, Ren YJ. Validity, reliability, and reproducibility of linear	
126	measurements on digital models obtained from intraoral and cone-beam computed tomography scans of alginate impressions.	Excluded by title
-	Am J Orthod Dentofac Orthop 2013;143(1):140-7.	
127	Alexander JM. Category 6: Class II Division 1 malocclusion treated with extraction of permanent teeth. Am J Orthod Dentofac Orthop 2005;128(5):661-8. Epub 2005/11/16.	Excluded by abstract
	Cangialosi TJ, Riolo ML, Owens SE, Jr., Dykhouse VJ, Moffitt AH, Grubb JE, et al. The ABO discrepancy index: a measure of	
128	case complexity. Am J Orthod Dentofac Orthop 2004;125(3):270-8. Epub 2004/03/12.	Excluded by abstract
129	Cangialosi TJ, Riolo ML, Owens SE, Jr., Dykhouse VJ, Moffitt AH, Grubb JE, et al. The American Board of Orthodontics and	Excluded by abstract
129	specialty certification: the first 50 years. Am J Orthod Dentofac Orthop 2004;126(1):3-6. Epub 2004/06/30.	Excluded by abstract
130	Casko JS, Vaden JL, Kokich VG, Damone J, James RD, Cangialosi TJ, et al. Objective grading system for dental casts and	Excluded by abstract
	panoramic radiographs. American Board of Orthodontics. Am J Orthod Dentofac Orthop 1998;114(5):589-99. Collins SM, Poulton DR. Orthodontic and orthognathic surgical correction of Class III malocclusion. Am J Orthod Dentofac	
131	Orthop 1996;109(2):111-5. Epub 1996/02/01.	Excluded by abstract
	Cope JB, McFadden D. Temporary replacement of missing maxillary lateral incisors with orthodontic miniscrew implants in	
132	growing patients: rationale, clinical technique, and long-term results. Journal of orthodontics. 2014;41 Suppl 1:s62-74. Epub	Excluded by abstract
	2014/08/21.	
133	Dragstrem K, Galang-Boquiren MT, Obrez A, Costa Viana MG, Grubb JE, Kusnoto B. Accuracy of digital American Board of	Excluded by abstract
	Orthodontics Discrepancy Index measurements. Am J Orthod Dentofac Orthop 2015;148(1):60-6. Epub 2015/07/01. Dyken RA, Sadowsky PL, Hurst D. Orthodontic outcomes assessment using the peer assessment rating index. The Angle	•
134	orthodontist. 2001;71(3):164-9. Epub 2001/06/16.	Excluded by abstract
405	Dykhouse VJ, Moffitt AH, Grubb JE, Greco PM, English JD, Briss BS, et al. A report of the ABO Resident Clinical Outcome	Freely-dead by allegant
135	Study (the pilot study). Am J Orthod Dentofac Orthop 2006;130(5):656-61. Epub 2006/11/18.	Excluded by abstract
136	Edgren B. Category 5: Class II Division 1 malocclusion with a high mandibular plane angle. Am J Orthod Dentofac Orthop	Excluded by abstract
100	2006;130(2):236-43. Epub 2006/08/15.	Excitation by about act
137	Fooladi B, MacCarthy T, Maloney T, Suri L. Category 4: Class II Division 2 malocclusion with deep overbite. Am J Orthod Dentofac Orthop 2007;132(2):252-9. Epub 2007/08/19.	Excluded by abstract
	Ghosh J, Nanda RS. Class II, Division 1 malocclusion treated with molar distalization therapy. Am J Orthod Dentofac Orthop	
138	1996;110(6):672-7. Epub 1996/12/01.	Excluded by abstract
139	Hilgers KK, Redford-Badwal D, Reisine S. Orthodontic treatment provided by pediatric dentists. Am J Orthod Dentofac Orthop	Excluded by abstract
139	2003;124(5):551-60. Epub 2003/11/14.	LAGIGUEU DY ADSTRACT
140	Israel M, Kusnoto B, Evans CA, Begole E. A comparison of traditional and computer-aided bracket placement methods. The	Excluded by abstract
	Angle orthodontist. 2011;81(5):828-35. Epub 2011/04/29. Krivan JF. Category 2: Skeletal Class II malocclusion with retrognathic mandible and hyperdivergent pattern. Am J Orthod	,
141	Dentofac Orthop 2005;127(6):739-48. Epub 2005/06/15.	Excluded by abstract
142	Lemay M. Logistics in digital orthodontic models. International journal of orthodontics (Milwaukee, Wis). 2007;18(4):25-8.	Excluded by abstract
	Lima Filho RM, Lima AL, de Oliveira Ruellas AC. Longitudinal study of anteroposterior and vertical maxillary changes in	•
143	skeletal class II patients treated with Kloehn cervical headgear. The Angle orthodontist. 2003;73(2):187-93. Epub 2003/05/03.	Excluded by abstract
	Liu SQ, Shen G, Bai D, Zhou H, Li S, Chen WJ, et al. [Consistency of the subjective evaluation of malocclusion severity by the	
144	Chinese orthodontic experts]. Beijing da xue xue bao Yi xue ban = Journal of Peking University Health sciences.	Excluded by abstract
	2012;44(1):98-102. Epub 2012/02/23. Maganzini AL, Schroetter SB, Freeman K. Improvement in smile esthetics following orthodontic treatment: a retrospective	
145	study utilizing standardized smile analysis. The Angle orthodontist. 2014;84(3):492-9. Epub 2013/11/14.	Excluded by abstract
1	Maggioncalda EA. Treatment of a Class II, division 1 vertical growth pattern with severe anterior crowding. Am J Orthod	
146	Dentofac Orthop 1997;112(3):300-8. Epub 1997/09/19.	Excluded by abstract
147	Owens SE, Jr., Dykhouse VJ, Moffitt AH, Grubb JE, Greco PM, English JD, et al. The case management form of the American	Excluded by abstract
147	Board of Orthodontics. Am J Orthod Dentofac Orthop 2006;129(3):325-9. Epub 2006/03/11.	Excluded by abstract
148	Parrish LD, Roberts WE, Maupome G, Stewart KT, Bandy RW, Kula KS. The relationship between the ABO discrepancy index	Excluded by abstract
149	and treatment duration in a graduate orthodontic clinic. The Angle orthodontist. 2011;81(2):192-7. Epub 2011/01/07. Rheude B, Sadowsky PL, Ferriera A, Jacobson A. An evaluation of the use of digital study models in orthodontic diagnosis	Excluded by abstract
148	Rindude D, Cadowsky I E, I emera A, Cacobson A. An evaluation of the use of digital study models in orthodoritic diagnosis	Excluded by abstract

	and treatment planning. The Angle orthodontist. 2005;75(3):300-4. Epub 2005/05/19.	
150	Riolo ML, Owens SE, Dykhouse VJ, Moffitt AH, Grubb JE, Greco PM, et al. ABO resident clinical outcomes study: case complexity as measured by the discrepancy index. Am J Orthod Dentofac Orthop 2005;127(2):161-3. Epub 2005/03/08.	Excluded by abstract
151	Riolo ML, Owens SE, Jr., Dykhouse VJ, Moffitt AH, Grubb JE, Greco PM, et al. A change in the certification process by the American Board of Orthodontics. Am J Orthod Dentofac Orthop 2005;127(3):278-81. Epub 2005/03/19.	Excluded by abstract
152	Riolo ML, Owens SE, Jr., Dykhouse VJ, Moffitt AH, Grubb JE, Greco PM, et al. The American Board of Orthodontics: Diplomate recertification. Am J Orthod Dentofac Orthop 2004;126(6):650-4. Epub 2004/12/14.	Excluded by abstract
153	Roberts CA, Subtelny JD. An American Board of Orthodontics case report. Use of the face mask in the treatment of maxillary skeletal retrusion. Am J Orthod Dentofac Orthop 1988;93(5):388-94. Epub 1988/05/01.	Excluded by abstract
154	Schafer SM, Maupome G, Eckert GJ, Roberts WE. Discrepancy index relative to age, sex, and the probability of completing treatment by one resident in a 2-year graduate orthodontics program. Am J Orthod Dentofac Orthop 2011;139(1):70-3.	Excluded by abstract
155	Scott SA, Freer TJ. Visual application of the American Board of Orthodontics Grading System. Australian orthodontic journal. 2005;21(1):55-60. Epub 2006/01/26.	Excluded by abstract
156	Tahir E, Sadowsky C, Schneider BJ. An assessment of treatment outcome in American Board of Orthodontics cases. Am J Orthod Dentofac Orthop 1997;111(3):335-42. Epub 1997/03/01.	Excluded by abstract
157	Westerlund A, Tancredi W, Ransjo M, Bresin A, Psonis S, Torgersson O. Digital casts in orthodontics: a comparison of 4 software systems. Am J Orthod Dentofac Orthop 2015;147(4):509-16. Epub 2015/04/04.	Excluded by abstract
158	Whitley JB, Jr. A Class II, Division 1 malocclusion: A malocclusion with a significant mandibular arch length deficiency. Am J Orthod Dentofac Orthop 1996;110(6):688-93. Epub 1996/12/01.	Excluded by abstract
159	Lin KY, Goldberg D, Williams C, Borowitz K, Persing J, Edgerton M, et al. Long-term outcome analysis of two treatment methods for cleft palate: Combined levator retropositioning and pharyngeal flap versus double-opposing Z-plasty. Cleft Palate-Craniofacial Journal. 1999;36(5):462.	Excluded by abstract
160	Maruo IT, Maruo H, Saga AY, de Oliveira DD, Argenta MA, Tanaka OM. Tridimensional finite element analysis of teeth movement induced by different headgear forces. Progress in orthodontics. 2016;17(1).	Excluded by abstract
161	Bootvong K, Liu Z, McGrath C, Hagg U, Wong RWK, Bendeus M, et al. Virtual model analysis as an alternative approach to plaster model analysis: reliability and validity. European journal of orthodontics. 2010;32(5):589-95.	Excluded by abstract
162	Bressler JM, Hamamoto S, King GJ, Bollen AM. Invisalign Therapy-A Systematic Review of Lower Quality Evidence. Evidence-Based Orthodontics. 2011:167-80.	Excluded by abstract
163	Cubas YP, Hardy D, Dhillon DK, Orellana MF. Effectiveness of Training Dental Students in Two Occlusal Indices. J Dent Educ. 2012;76(6):739-45.	Excluded by abstract
164	de Freitas KMS, Janson G, de Freitas MR, Pinzan A, Henriques JFC, Pinzan-Vercelino CRM. Influence of the quality of the finished occlusion on postretention occlusal relapse. Am J Orthod Dentofac Orthop 2007;132(4):U29-U34.	Excluded by abstract
165	Grunheid T, Gaalaas S, Hamdan H, Larson BE. Effect of clear aligner therapy on the buccolingual inclination of mandibular canines and the intercanine distance. Angle Orthodontist. 2016;86(1):10-6.	Excluded by abstract
166	Janson G, de Souza JEP, Alves FD, Andrade P, Nakamura A, de Freitas MR, et al. Extreme dentoalveolar compensation in the treatment of Class III malocclusion. Am J Orthod Dentofac Orthop 2005;128(6):787-94.	Excluded by abstract
167	Kau CH, Littlefield J, Rainy N, Nguyen JT, Creed B. Evaluation of CBCT Digital Models and Traditional Models Using the Little's Index. Angle Orthodontist. 2010;80(3):435-9.	Excluded by abstract
168 169	Klein DJ. The mandibular central incisor, an extraction option. Am J Orthod Dentofac Orthop 1997;111(3):253-9. Kravitz ND, Kusnoto B, BeGole E, Obrez A, Agran B. How well does Invisalign work? A prospective clinical study evaluating	Excluded by abstract Excluded by abstract
170	the efficacy of tooth movement with Invisalign. Am J Orthod Dentofac Orthop 2009;135(1):27-35. Lee RJ, Weissheimer A, Pham J, Go L, de Menezes LM, Redmond WR, et al. Three-dimensional monitoring of root	Excluded by abstract
-	movement during orthodontic treatment. Am J Orthod Dentofac Orthop 2015;147(1):132-42. Mok CW, Zhou L, McGrath C, Hagg U, Bendeus M. Digital images as an alternative to orthodontic casts in assessing	,
171	malocclusion and orthodontic treatment need. Acta Odontol Scand. 2007;65(6):362-8. Noar JH, Sharma S, Roberts-Harry D, Qureshi T. A discerning approach to simple aesthetic orthodontics. Br Dent J.	Excluded by abstract
172	2015;218(3):157-66. Radeke J, von der Wense C, Lapatki BG. Comparison of orthodontic measurements on dental plaster casts and 3D scans. J	Excluded by abstract
173	Orofac Orthop. 2014;75(4):264-74.	Excluded by abstract
174	Shastry S, Park JH. Evaluation of the use of digital study models in postgraduate orthodontic programs in the United States and Canada. Angle Orthodontist. 2014;84(1):62-7.	Excluded by abstract
175	Song GY, Zhao ZH, Ding Y, Bai YX, Wang L, He H, et al. Reliability assessment and correlation analysis of evaluating orthodontic treatment outcome in Chinese patients. Int J Oral Sci. 2014;6(1):50-5.	Excluded by abstract
176	Tuncer C, Bavbek NC, Tuncer BB, Bani AA, Celik B. How Do Patients and Parents Decide for Orthodontic Treatment-Effects of Malocclusion, Personal Expectations, Education and Media. J Clin Pediatr Dent. 2015;39(4):392-9.	Excluded by abstract
177	White AJ, Fallis DW, Vandewalle KS. Analysis of intra-arch and interarch measurements from digital models with 2 impression materials and a modeling process based on cone-beam computed tomography. Am J Orthod Dentofac Orthop 2010;137(4).	Excluded by abstract
178	Wohl TS, Bamonte E, Pearson HE. Nonextraction treatment of unilateral Class II, Division 1 malocclusion with asymmetric headgear. Am J Orthod Dentofac Orthop 1998;113(5):483-7.	Excluded by abstract
179	Quinn B. Considerations in case acceptance for ABO Phase III examination. Am J Orthod Dentofac Orthop 2004;126(4):20A; author reply A-1A.	Excluded by abstract
180	Medina VJ. Tipo sde aparelhos ortopédicos usados em pacientes que apresentam mesioclusão funcional. 2006:88 Excluded by full-text	Excluded by abstract
181	Condie JH. Evaluation of the University at Buffalo orthodontic resident's finished cases with the American Board of Orthodontics Discrepancy Index and Objective Grading System. 2010, University of Buffalo, Thesis.	Excluded; full-text unobtainable
182	Cook MK. Evaluation of Board-certified orthodonist's sequential finished cases with the ABO objective grading system Orthodontics. Saint Louis: Saint Louis University; 2003: p. 56.	Excluded; full-text unobtainable
183	Cordua T, Ursini R, Giuliante L, Deli R. The excellence challenge in orthodontics: clinical use of an objective grading system for orthodontic cases. Progress in orthodontics. 2009;10(2):4-15. Epub 2009/01/01.	Excluded; full-text unobtainable
184	Fetouh O. Comparison of treatment outcome of Invisalign(RTM) and traditional fixed orthodontics by model analysis using	Excluded; full-text
	, , , , , , , , , , , , , , , , , , , ,	

ABO Objective Grading System, STATE UNIVERSITY OF NEW YORK AT BUFFALO, 2009, 50 pages: 1461733	unobtainable
	Excluded; full-text
Southeastern University.	unobtainable
	Excluded; full-text unobtainable
Song GY, Jiang RP, Zhang XY, Liu SQ, Yu XN, Chen Q, et al. [Validation of subjective and objective evaluation methods for orthodontic treatment outcome]. Beijing da xue xue bao Yi xue ban = Journal of Peking University Health sciences.	Excluded; full-text unobtainable
Yang-Powers LC. Treatment outcome in a university graduate orthodontic clinic using the ABO grading system [dissertation].	Excluded; full-text unobtainable
Yilmaz RBN, Nalbantgil D, Ozdemir F. The Effect of Awareness of American Board of Orthodontics Criteria on Treatment	Excluded; full-text unobtainable
Murakami K, Deguchi T, Hashimoto T, Imai M, Miyawaki S, Takano-Yamamoto T. Need for training sessions for orthodontists in the use of the American Board of Orthodontics objective grading system. Am J Orthod Dentofac Orthop 2007;132(4):427	Excluded; not a clinical study
Bergersen EO. A cephalometric study of the clinical use of the mandibular labial bumper. American journal of orthodontics.	Excluded; ABO OGS not used
Sachdeva RC, Aranha SL, Egan ME, Gross HT, Sachdeva NS, Currier GF, Kadioglu O. Treatment time: SureSmile vs	Excluded; ABO OGS not used
Silva LNBC. Estudo comparativo do tempo de tratamento em pacientes com e sem apinhamento nos casos de má oclusão de	Excluded; ABO OGS not used
Vasilakou ND. Quantitative assessment of the effectiveness of phase 1 orthodontic treatment utilizing the ABO discrepancy	Excluded; ABO OGS not used
Abei Y, Nelson S, Amberman BD, Hans MG. Comparing orthodontic treatment outcome between orthodontists and general dentists with the ABO index. Am J Orthod Dentofac Orthop 2004;126(5):544-8. Epub 2004/11/03.	Excluded; not all ABO OGS items scored
Bauss O, Kiliaridis S. Evaluation of tooth position, occlusion, and interproximal contacts after transplantation of immature third molars. European journal of orthodontics. 2009;31(2):121-8. Epub 2008/12/09.	Excluded; not all ABO OGS items scored
Buschang PH, Ross M, Shaw SG, Crosby D, Campbell PM. Predicted and actual end-of-treatment occlusion produced with aligner therapy. Angle Orthodontist. 2015;85(5):723-7.	Excluded; not all ABO OGS items scored
Cameron DL. The relationship between American Board of Orthodontics pretreatment dental cast Discrepancy Index scores and posttreatment dental cast Objective Grading System scores. Thesis, Saint Louis, 2010.	Excluded; not all ABO OGS items scored
Chaison ET, Liu X, Tuncay OC. The quality of treatment in the adult orthodontic patient as judged by orthodontists and measured by the Objective Grading System. Am J Orthod Dentofac Orthop 2011;139(4 Suppl):S69-75. Epub 2011/04/01.	Excluded; not all ABO OGS items scored
Cook DR, Harris EF, Vaden JL. Comparison of university and private-practice orthodontic treatment outcomes with the American Board of Orthodontics objective grading system. Am J Orthod Dentofac Orthop 2005;127(6):707-12.	Excluded; not all ABO OGS items scored
Costalos PA, Sarraf K, Cangialosi TJ, Efstratiadis S. Evaluation of the accuracy of digital model analysis for the American Board of Orthodontics objective grading system for dental casts. Am J Orthod Dentofac Orthop 2005;128(5):624-9.	Excluded; not all ABO OGS items scored
Fabels LN, Nijkamp PG. Interexaminer and intraexaminer reliabilities of 3-dimensional orthodontic digital setups. Am J Orthod Dentofac Orthop 2014;146(6):806-11. Epub 2014/11/30.	Excluded; not all ABO OGS items scored
Fleming J. An analysis of variability in Class I non-extraction treatment outcomes in a resident clinic using the American Board of Orthodontics Objective Grading System. Masters Thesis. Saint Louis: Saint Louis University; 2006.	Excluded; not all ABO OGS items scored
Greco PM, English JD, Briss BS, Jamieson SA, Kastrop MC, Castelein PT, et al. Posttreatment tooth movement: for better or	Excluded; not all ABO OGS items scored
Hildebrand JC, Palomo JM, Palomo L, Sivik M, Hans M. Evaluation of a software program for applying the American Board of Orthodontics objective grading system to digital casts. Am J Orthod Dentofac Orthop 2008;133(2):283-9. Epub 2008/02/06.	Excluded; not all ABO OGS items scored
Im J, Cha JY, Lee KJ, Yu HS, Hwang CJ. Comparison of virtual and manual tooth setups with digital and plaster models in extraction cases. Am J Orthod Dentofac Orthop 2014;145(4):434-42. Epub 2014/04/08.	Excluded; not all ABO OGS items scored
Lassaire J, Costi A, Charpentier E, Castro M. Post-orthodontic intra- and interarch changes at 1 year: a retrospective study assessing the impact of anterior fixed retention. International orthodontics . 2012;10(2):165-76.	Excluded; not all ABO OGS items scored
Lee SM, Lee JW. Computerized occlusal analysis: correlation with occlusal indexes to assess the outcome of orthodontic treatment or the severity of malocculusion. Korean J Orthod. 2016;46(1):27-35.	Excluded; not all ABO OGS items scored
Lieber WS, Carlson SK, Baumrind S, Poulton DR. Clinical use of the ABO-Scoring Index: reliability and subtraction frequency. The Angle orthodontist. 2003;73(5):556-64. Epub 2003/10/29.	Excluded; not all ABO OGS items scored
Ling KK, Ho CT, Kravchuk O, Olive RJ. Comparison of surgical and non-surgical methods of treating palatally impacted canines. II. Aesthetic outcomes. Australian orthodontic journal. 2007;23(1):8-15. Epub 2007/08/08.	Excluded; not all ABO OGS items scored
Lyotard N, Hans M, Nelson S, Valiathan M. Short-term postorthodontic changes in the absence of retention. The Angle orthodontist. 2010;80(6):1045-50. Epub 2010/08/04.	Excluded; not all ABO OGS items scored
Nett BC, Huang GJ. Long-term posttreatment changes measured by the American Board of Orthodontics objective grading system. Am J Orthod Dentofac Orthop 2005;127(4):444-50; quiz 516. Epub 2005/04/12.	Excluded; not all ABO OGS items scored
Okunami TR, Kusnoto B, BeGole E, Evans CA, Sadowsky C, Fadavi S. Assessing the American Board of Orthodontics objective grading system: digital vs plaster dental casts. Am J Orthod Dentofac Orthop 2007;131(1):51-6. Epub 2007/01/09.	Excluded; not all ABO OGS items scored
Onyeaso CO, BeGole EA. Associations between pretreatment age and treatment time with orthodontic treatment outcome: a comparison by means of two orthodontic indices. Hell Orthod Rev. 2008;1:8–20.	Excluded; not all ABO OGS items scored
Onyeaso CO, Begole EA. Relationship between index of complexity, outcome and need, dental aesthetic index, peer assessment rating index, and American Board of Orthodontics objective grading system. Am J Orthod Dentofac Orthop 2007;131(2):248-52. Epub 2007/02/06.	Excluded; not all ABO OGS items scored
Ormiston JP, Huang GJ, Little RM, Decker JD, Seuk GD. Retrospective analysis of long-term stable and unstable orthodontic treatment outcomes. Am J Orthod Dentofac Orthop 2005;128(5):568-74; quiz 669. Epub 2005/11/16.	Excluded; not all ABO OGS items scored
Saxe AK, Louie LJ, Mah J. Efficiency and effectiveness of SureSmile. World journal of orthodontics. 2010;11(1):16-22.	Excluded; not all ABO OGS items scored
	Rangwala T. Treatment outcome assessment of SureSmile compared to conventional ontodoritic treatment using the American Board of Orthodonitic Scrading System. 2012 - Thesis at Albert Einstein College of Song GY, Jiang RP. Zhang XY, Liu SQ, Yu XN, Chen Q, et al. [Validation of subjective and objective evaluation methods for orthodonitic treatment outcome.] Beiling da via we use bod Yiu xe ban a Journal of Pehing University Health sciences. 2015;47(1):90-7. Epub 2015;02/17. Yang-Powner LG. Treatment outcome in a university graduate orthodonitic clinic using the ABO grading system [dissertation]. Chicago: University of Illinois at Chicago: 2001. Yilinaz RBN, Nabiangil D, Zoderim F. The Eiffect of Awareness of American Board of Orthodonitics Criteria on Treatment Outcomes in a Postgraduset Dental Chinic. J Dent Educ. 2016;80(9): 1091-7. Yilinaz RBN, Nabiangil D, Zoderim F. The Eiffect of Awareness of American Board of Orthodonitics Chicago. The American Dental Chinicago: American Dental Chinicago. The American Dental of Orthodonitics in the use of the American Board of Orthodonitics objective grading system. Am J Orthod Dentalca Chinicago. The American Dental of Orthodonitics. 1972;61(6):578-802. Sandreya RC. Aranha Si, Egan ME. Gross HT. Sachdeva NS, Currier GF, Kadioglu O. Treatment time: SureSmile vs conventional. Orthodonicis (Chic.). 2012;13(1):72-86. Sixila LNBC. Estudo comparativo do tempo de tratemento em pacientes come sem apinhamento nos casos de má oclusão de Classe II tratados com extrações de quatro prê-molares. Thesis, Faculdade de Odoniclogia de Bauru, 2013. Sixila LNBC. Estudo comparativo do tempo de tratemento em pacientes come sem apinhamento nos casos de má oclusão de Classe II tratados com extrações de quatro prê-molares. Thesis, Faculdade de Odoniclogia de Bauru, 2013. Abei Y, Nelson S, Amberman BJ, Hans MG. Comparing orthodonici treatment utilizing the ABO discrepancy ind

218	Son WS, Cha KS, Chung DH, Kim TW. Quantitative evaluation and affecting factors of post-treatment relapse tendency. Korean J Orthod. 2011;41(3):154-63.	Excluded; not all ABO OGS items scored
219	Song GY, Baumrind S, Zhao ZH, Ding Y, Bai YX, Wang L, et al. Validation of the American Board of Orthodontics Objective Grading System for assessing the treatment outcomes of Chinese patients. Am J Orthod Dentofac Orthop 2013;144(3):391-7.	Excluded; not all ABO OGS items scored
220	Stock GJ, McNamara JA, Jr., Baccetti T. Efficacy of 2 finishing protocols in the quality of orthodontic treatment outcome. Am J Orthod Dentofac Orthop 2011;140(5):688-95. Epub 2011/11/05.	Excluded; not all ABO OGS items scored
221	Struble BH, Huang GJ. Comparison of prospectively and retrospectively selected American Board of Orthodontics cases. Am J Orthod Dentofac Orthop 2010;137(1):6 e1-8; discussion 6-8. Epub 2010/02/04.	Excluded; not all ABO OGS items scored
222	Vincent S. Evaluation of Invisalign treatment utilizing the American Board of Orthodontics Objective Grading System for dental casts. Oregon Health & Science University, Thesis, 2014.	Excluded; not all ABO OGS items scored
223	Wes Fleming J, Buschang PH, Kim KB, Oliver DR. Posttreatment occlusal variability among angle Class I nonextraction patients. The Angle orthodontist. 2008;78(4):625-30. Epub 2008/02/28.	Excluded; not all ABO OGS items scored
	Included	
224	Akinci Cansunar H, Uysal T. 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. Am J Orthod Dentofac Orthop 2014;145(5):595-602. Epub 2014/05/03.	Included
225	Alford TJ, Roberts WE, Hartsfield JK, Eckert GJ, Snyder RJ. Clinical outcomes for patients finished with the SureSmile (TM) method compared with conventional fixed orthodontic therapy. Angle Orthodontist. 2011;81(3):383-8.	Included
226	Anthopoulou C, Konstantonis D, Makou M. Treatment outcomes after extraction and nonextraction treatment evaluated with the American Board of Orthodontics objective grading system. Am J Orthod Dentofac Orthop 2014;146(6):717-23.	Included
227	Aszkler RM, Preston CB, Saltaji H, Tabbaa S. Long-term occlusal changes assessed by the American Board of Orthodontics' model grading system. Am J Orthod Dentofac Orthop 2014;145(2):173-8. Epub 2014/02/04.	Included
228	Barbosa Lis DM, Zapata Noreña O, Carvajal A, Franco CM, Rodriguez Aguirre SA, Florez Pino AA, et al. Resultado de Tratamientos Ortodóncicos y su Relación con la Complejidad de la Maloclusión. Int j odontostomatol (Print). 2014;8(2):201-6.	Included
229	Brown MW, Koroluk L, Ko CC, Zhang K, Chen M, Nguyen T. Effectiveness and efficiency of a CAD/CAM orthodontic bracket system. Am J Orthod Dentofac Orthop 2015;148(6):1067-74. Epub 2015/12/18.	Included
230	Brown PN, Kulbersh R, Kaczynski R. Clinical outcomes assessment of consecutively finished patients in a 24-month orthodontic residency: a 5-year perspective. Am J Orthod Dentofac Orthop 2011;139(5):665-8. Epub 2011/05/04.	Included
231	Campbell CL, Roberts WE, Hartsfield JK, Jr., Qi R. Treatment outcomes in a graduate orthodontic clinic for cases defined by the American Board of Orthodontics malocclusion categories. Am J Orthod Dentofac Orthop 2007;132(6):822-9.	Included
232	Cansunar HA, Uysal T. Outcomes of different Class II treatments Comparisons using the American Board of Orthodontics Model Grading System. J Orofac Orthop. 2016;77(4):233-41.	Included
233	Cansunar HA, Uysal T. Relationship between pretreatment case complexity and orthodontic clinical outcomes determined by the American Board of Orthodontics criteria. The Angle orthodontist. 2014;84(6):974-9. Epub 2014/04/04.	Included
234	Carvajal-Flórez A, Barbosa-Lis DM, Zapata-Noreña OA, Marín-Velásquez JA, Afanador-Bayona SA. Orthodontic treatment outcomes obtained by application of a finishing protocol. Dental Press J Orthod. 2016;21(2):88-94.	Included
235	Chalabi O, Preston CB, Al-Jewair TS, Tabbaa S. A comparison of orthodontic treatment outcomes using the Objective Grading System (OGS) and the Peer Assessment Rating (PAR) index. Australian orthodontic journal. 2015;31(2):157-64.	Included
236	Deguchi T, Honjo T, Fukunaga T, Miyawaki S, Roberts WE, Takano-Yamamoto T. Clinical assessment of orthodontic outcomes with the peer assessment rating, discrepancy index, objective grading system, and comprehensive clinical assessment. Am J Orthod Dentofac Orthop 2005;127(4):434-43. Epub 2005/04/12.	Included
237	Deguchi T, Kurosaka H, Oikawa H, Kuroda S, Takahashi I, Yamashiro T, et al. Comparison of orthodontic treatment outcomes in adults with skeletal open bite between conventional edgewise treatment and implant-anchored orthodontics. Am J Orthod Dentofac Orthop 2011;139(4 Suppl):S60-8. Epub 2011/04/01.	Included
238	Deguchi T, Terao F, Aonuma T, Kataoka T, Sugawara Y, Yamashiro T, et al. Outcome assessment of lingual and labial appliances compared with cephalometric analysis, peer assessment rating, and objective grading system in Angle Class II extraction cases. Angle Orthodontist. 2015;85(3):400-7.	Included
239	Detterline DA, Isikbay SC, Brizendine EJ, Kula KS. Clinical outcomes of 0.018-inch and 0.022-inch bracket slot using the ABO objective grading system. The Angle orthodontist. 2010;80(3):528-32. Epub 2010/01/07.	Included
240	Djeu G, Shelton C, Maganzini A. Outcome assessment of Invisalign and traditional orthodontic treatment compared with the American Board of Orthodontics objective grading system. Am J Orthod Dentofac Orthop 2005;128(3):292-8.	Included
241	Farhadian N, Miresmaeili AF, Soltani MK. Comparison of extraction and non extraction orthodontic treatment using the objective grading system. Journal of Dentistry, Tehran University of Medical Sciences, Tehran, Iran (2005; Vol. 2, No.3)	Included
242	Ferguson DJ, Nazarov AD, Makki L, Wilcko MT, Wilcko WM. Posttreatment and retention outcomes with and without periodontally accelerated osteogenic orthodontics assessed using ABO objective grading system. APOS Trends Orthod 2016;6:194-9.	Included
243	Hoybjerg AJ, Currier GF, Kadioglu O. Evaluation of 3 retention protocols using the American Board of Orthodontics cast and radiograph evaluation. Am J Orthod Dentofac Orthop 2013;144(1):16-22. Epub 2013/07/03.	Included
244	Hsieh TJ, Pinskaya Y, Roberts WE. Assessment of orthodontic treatment outcomes: early treatment versus late treatment. The Angle orthodontist. 2005;75(2):162-70. Epub 2005/04/14.	Included
245	Jain M, Varghese J, Mascarenhas R, Mogra S, Shetty S, Dhakar N. Assessment of clinical outcomes of Roth and MBT bracket prescription using the American Board of Orthodontics Objective Grading System. Contemp Clin Dent. 2013 Jul;4(3):307-12.	Included
246	Junqueira CHZ. Influência de extrações de pré-molares na estética facial em longo prazo. 2012, Thesis, University of Sao Paolo.	Included
247	Knierim K, Roberts WE, Hartsfield J, Jr. Assessing treatment outcomes for a graduate orthodontics program: follow-up study for the classes of 2001-2003. Am J Orthod Dentofac Orthop 2006;130(5):648-55, 55 e1-3. Epub 2006/11/18.	Included
248	Kuncio D, Maganzini A, Shelton C, Freeman K. Invisalign and traditional orthodontic treatment postretention outcomes compared using the American Board of Orthodontics objective grading system. The Angle orthodontist. 2007;77(5):864-9.	Included
249	Li W, Wang S, Zhang Y. The effectiveness of the invisalign appliance in extraction cases using the the ABO model grading	Included

	system: A multicenter randomized controlled trial. International J Clinical and Experimental Medicine. 2015;8(5):8276-82.	
250	Marques LS, Freitas Junior N, Pereira LJ, Ramos-Jorge ML. Quality of orthodontic treatment performed by orthodontists and general dentists. The Angle orthodontist. 2012;82(1):102-6. Epub 2011/08/03.	Included
251	Mendes LM. Influência em longo prazo dos protocolos de tratamento da Classe II na atratividade do perfil. Thesis, 2012, University of Sao Paolo.	Included
252	Mislik B, Konstantonis D, Katsadouris A, Eliades T. University clinic and private practice treatment outcomes in Class I extraction and nonextraction patients: A comparative study with the American Board of Orthodontics Objective Grading System. Am J Orthod Dentofac Orthop 2016;149(2):253-8. Epub 2016/02/02.	Included
253	Park Y, Hartsfield JK, Katona TR, Eugene Roberts W. Tooth positioner effects on occlusal contacts and treatment outcomes. The Angle orthodontist. 2008;78(6):1050-6. Epub 2008/10/25.	Included
254	Pinskaya YB, Hsieh TJ, Roberts WE, Hartsfield JK. Comprehensive clinical evaluation as an outcome assessment for a graduate orthodontics program. Am J Orthod Dentofac Orthop 2004;126(5):533-43. Epub 2004/11/03.	Included
255	Pulfer RM, Drake CT, Maupome G, Eckert GJ, Roberts WE. The association of malocclusion complexity and orthodontic treatment outcomes. The Angle orthodontist. 2009;79(3):468-72. Epub 2009/05/06.	Included
256	Rodríguez JEB, León DMM, Vargas CAH. Evaluación de los tratamientos terminados en un posgrado de ortodoncia según los parámetros ABOs. Revista Latinoamericana de Ortodoncia y Odontopediatría 20xx;1-17	Included
257	Santiago JJ, Martinez CJ. Use of the Objective Grading System of the American Board of Orthodontics to evaluate treatment at the Orthodontic Graduate Program Clinic, University of Puerto Rico, 2007-2008. Puerto Rico health sciences journal. 2012;31(1):29-34. Epub 2012/03/22.	Included
258	Schabel BJ, McNamara JA, Baccetti T, Franchi L, Jamieson SA. The relationship between posttreatment smile esthetics and the ABO Objective Grading System. The Angle orthodontist. 2008;78(4):579-84. Epub 2008/02/28.	Included
259	Sohrabi K. Does initial malocclusion predict the outcome of orthodontic treatment? Thesis, University of Washington 2016.	Included
260	Soltani M, Saedi B, Mohammadi Z. Outcome of MBT and Standard Edgewise Techniques in Treating CI I Malocclusion. AJDR 2012; Vol.4, No.2:61-65.	Included
261	Viwattanatipa N, Buapuean W, Komoltri C. Relationship between Discrepancy Index and the Objective Grading System in Thai board of orthodontics Patients. Orthodontic Waves 2016; 75(3):54-63.	Included
262	Vu CQ, Roberts WE, Hartsfield JK, Jr., Ofner S. Treatment complexity index for assessing the relationship of treatment duration and outcomes in a graduate orthodontics clinic. Am J Orthod Dentofac Orthop 2008;133(1):9 e1-13.	Included
263	Yang-Powers LC, Sadowsky C, Rosenstein S, BeGole EA. Treatment outcome in a graduate orthodontic clinic using the American Board of Orthodontics grading system. Am J Orthod Dentofac Orthop 2002;122(5):451-5. Epub 2002/11/20.	Included

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