

TMCEDISORT09: MClindent Orthodontics

[View Online](#)

Covering modules:EAORG003, EAORG010, EAORG011, EAORG012, EAORG013, EAORG014, EAORG015, EAORG016, EAORG017, EAORG399

1

Enlow DH. Chapter 14 Cephalometrics, Chapter. In: Facial growth. Philadelphia: : Saunders 1990. 346–95.

2

British Standards Institution. British Standard glossary of dental terms: Glossaire des termes utilisés en art dentaire. [1st revision]. London: : B.S.I. 1983.

3

Isaacson KG, British Orthodontic Society. Guidelines for the use of radiographs in clinical orthodontics. 3rd ed. London: : B.O.S. 2015.

4

British Orthodontic Society Advice sheets.
2013;:1–30.<http://www.bos.org.uk/Professionals-Members/Directorates-Committees-Groups/Directorates/Clinical-Governance/Clinical-Governance-Publication-Committee/Members-advice-sheets>

5

NICE. Prophylaxis against infective endocarditis: Antimicrobial prophylaxis against infective endocarditis in adults and children undergoing interventional procedures.
<http://www.nice.org.uk/guidance/cg64>

6

Glenny A-M, Oliver R, Roberts GJ, et al. Antibiotics for the prophylaxis of bacterial endocarditis in dentistry. In: Cochrane Database of Systematic Reviews. Chichester, UK: : John Wiley & Sons, Ltd 1996. doi:10.1002/14651858.CD003813.pub4

7

Patel A, Burden DJ, Sandler J. Medical disorders and orthodontics. Journal of Orthodontics 2009;**36**:1–21. doi:10.1179/14653120723346

8

Zahrowski JJ. Bisphosphonate treatment: An orthodontic concern calling for a proactive approach. American Journal of Orthodontics and Dentofacial Orthopedics 2007;**131**:311–20. doi:10.1016/j.ajodo.2006.09.035

9

Lundstrom A. An investigation of 202 pairs of twins regarding fundamental factors in the aetiology of malocclusion. The European Journal of Orthodontics 2007;**29**:i51–7. doi:10.1093/ejo/cjl098

10

PROFFIT WR. Equilibrium Theory Revisited: Factors Influencing Position of the Teeth. Angle Orthodontics 1978;**48**:175–86.<http://www.angle.org/doi/abs/10.1043/0003-3219%281978%29048%3C0175%3AETRFIP%3E2.0.CO%3B2>

11

Moss JP. The soft tissue environment of teeth and jaws. British journal of orthodontics 1980;**7**:127–37.<http://jorthod.maneyjournals.org/content/7/3/127.citation>

12

Ackerman JL, Proffit WR. Soft tissue limitations in orthodontics: Treatment planning guidelines. The Angle Orthodontist 1997;**67**:327–36.<http://www.angle.org/doi/abs/10.1043/0003-3219%281997%29067%3C0327%3ASTLIOT%3E2.3.CO%3B2>

13

Hunt N. Northcroft Memorial Lecture 2005: Muscling in on malocclusions: Current concepts on the role of muscles in the aetiology and treatment of malocclusion. *Journal of Orthodontics* 2006;**33**:187–97. doi:10.1179/146531205225021660

14

Linder-Aronson S. Respiratory function in relation to facial morph. *British Journal of Orthodontics* 1979;**6**:59–71.

15

Bishara SE, Ortho. D. Impacted maxillary canines: A review. *American Journal of Orthodontics and Dentofacial Orthopedics* 1992;**101**:159–71. doi:10.1016/0889-5406(92)70008-X

16

Becker A. Etiology of maxillary canine impactions. *American Journal of Orthodontics* 1984;**86**:437–8. doi:10.1016/S0002-9416(84)90038-1

17

Baccetti T, Leonardi M, Armi P. A randomized clinical study of two interceptive approaches to palatally displaced canines. *The European Journal of Orthodontics* 2008;**30**:381–5. doi:10.1093/ejo/cjn023

18

Kokich V. What's new in dentistry. *Angle Orthodontics* 1994;**64**:249–249. <http://www.angle.org/doi/abs/10.1043/0003-3219%281994%29064%3C0249%3A%3E2.0.CO%3B2>

19

Ericson S, Kurol J. Resorption of Incisors After Ectopic Eruption of Maxillary Canines: A CT Study. *The Angle Orthodontist* - 2000;**70**

:415-23.<http://www.angle.org/doi/abs/10.1043/0003-3219%282000%29070%3C0415%3AR0IAEE%3E2.0.CO%3B2>

20

McSherry PF. The ectopic maxillary canine: a review. *British Journal of Orthodontics* 1998;**25**:209-16. doi:10.1093/ortho/25.3.209

21

Fleming PS, Sharma PK, DiBiase AT. How to...mechanically erupt a palatal canine. *Journal of Orthodontics* 2010;**37**:262-71. doi:10.1179/14653121043200

22

Parkin N, Furness S, Shah A, et al. Extraction of primary (baby) teeth for unerupted palatally displaced permanent canine teeth in children. In: *Cochrane Database of Systematic Reviews*. Chichester, UK: : John Wiley & Sons, Ltd 1996. doi:10.1002/14651858.CD004621.pub3

23

Parkin NA, Milner RS, Deery C, et al. Periodontal health of palatally displaced canines treated with open or closed surgical technique: A multicenter, randomized controlled trial. *American Journal of Orthodontics and Dentofacial Orthopedics* 2013;**144**:176-84. doi:10.1016/j.ajodo.2013.03.016

24

O'Neill J. Limited evidence for interceptive extraction of deciduous teeth to prevent permanent canine impaction. *Evidence-Based Dentistry* 2013;**14**:23-4. doi:10.1038/sj.ebd.6400918

25

Naoumova J, Kurol J, Kjellberg H. A systematic review of the interceptive treatment of palatally displaced maxillary canines. *The European Journal of Orthodontics* 2011;**33**:143-9. doi:10.1093/ejo/cjq045

26

Baumrind S, Frantz RC. The reliability of head film measurements. American Journal of Orthodontics 1971;**60**:111–27. doi:10.1016/0002-9416(71)90028-5

27

Baumrind S, Frantz RC. The reliability of head film measurements. American Journal of Orthodontics 1971;**60**:505–17. doi:10.1016/0002-9416(71)90116-3

28

Baumrind S, Miller D, Molthen R. The reliability of head film measurements: 3. Tracing superimposition. American Journal of Orthodontics 1976;**70**:617–44. doi:10.1016/0002-9416(76)90224-4

29

Houston WJB. The analysis of errors in orthodontic measurements. American Journal of Orthodontics 1983;**83**:382–90. doi:10.1016/0002-9416(83)90322-6

30

Moyers RE, Bookstein FL. The inappropriateness of conventional cephalometrics. American Journal of Orthodontics 1979;**75**:599–617. doi:10.1016/0002-9416(79)90093-9

31

Miller J. The application and importance of cephalometry ... [Orthodontist. 1970] - PubMed - NCBI. The Orthodontist 1970;**2**:32–47.

32

Devereux L, Moles D, Cunningham SJ, et al. How important are lateral cephalometric radiographs in orthodontic treatment planning? American Journal of Orthodontics and Dentofacial Orthopedics 2011;**139**:e175–81. doi:10.1016/j.ajodo.2010.09.021

33

Baccetti T, Franchi L, McNamara JA. The Cervical Vertebral Maturation (CVM) Method for the Assessment of Optimal Treatment Timing in Dentofacial Orthopedics. *Seminars in Orthodontics* 2005;**11**:119–29. doi:10.1053/j.sodo.2005.04.005

34

Noar JH, Pabari S. Cone beam computed tomography - current understanding and evidence for its orthodontic applications? *Journal of Orthodontics* 2013;**40**:5–13. doi:10.1179/1465313312Y.0000000040

35

Richardson A. *Interceptive orthodontics*. 4th ed. London: : British Dental Association 1999.

36

Kerr WJS. The effect of the premature loss of deciduous canines and molars on the eruption of their successors. *The European Journal of Orthodontics* 1980;**2**:123–8. doi:10.1093/ejo/2.2.123

37

Ericson S, Kurol J. Early treatment of palatally erupting maxillary canines by extraction of the primary canines. *The European Journal of Orthodontics* 1988;**10**:283–95. doi:10.1093/ejo/10.4.283

38

Kurol J, Thilander B. Infraocclusion of primary molars and the effect on occlusal development, a longitudinal study. *The European Journal of Orthodontics* 1984;**6**:277–93. doi:10.1093/ejo/6.4.277

39

Sandler PJ, Atkinson R, Murray AM. 1 Search Results - VOLUMELIST(117) AND PAGES(418) - ScienceDirect. *American Journal of Orthodontics and Dentofacial Orthopedics* 2000;**117**:418–34. http://www.sciencedirect.com/science?_ob=ArticleListURL&_method=list&_ArticleListID=-635795253&_sort=r&_st=13&view=c&md5=0141b36afcd91ad46f654b53faa2e9fe&searchtype=a

40

Noar J. Interceptive orthodontics: a practical guide to occlusal management. First edition. Chichester, West Sussex, UK: : Wiley Blackwell 2014.
<http://dx.doi.org/10.1002/9781118917336>

41

Noar J. Interceptive orthodontics: a practical guide to occlusal management. First edition. Chichester, West Sussex, UK: : Wiley Blackwell 2014.
<http://dx.doi.org/10.1002/9781118917336>

42

Mills JRE. Clinical control of craniofacial growth: A skeptics viewpoint. In: Clinical alteration of the growing face. Ann Arbor, Mich: : Center for Human Growth and Development, University of Michigan 1983. 17-39.

43

Bjork A. Facial growth in man, studied with the aid of metallic implants. Acta odontologica scandinavica 1955;**13**:9-34.

44

Bjork A, Skieller V. Normal and abnormal growth of the mandible. A synthesis of longitudinal cephalometric implant studies over a period of 25 years. The European Journal of Orthodontics 1983;**5**:1-46. doi:10.1093/ejo/5.1.1

45

Bjork A, Skieller V. Growth of the maxilla in three dimensions as revealed radiographically by the implant method. British journal of orthodontics 1977;**4**:53-64.

46

Bjork A. Sutural growth of the upper face studied by the implant method. Transactions of the European Orthodontic Society 1964;:49-65.

47

The tissue reaction as related to the functional factor. Transactions of the European Orthodontic Society; **195**:123–36.

48

Smith RJ, Burstone CJ. Mechanics of tooth movement. American Journal of Orthodontics 1984; **85**:294–307. doi:10.1016/0002-9416(84)90187-8

49

Bowden DE. Theoretical considerations of headgear therapy: a literature review. 1. Mechanical principles. British journal of orthodontics 1978; **5**:145–52. <http://jorthod.maneyjournals.org/content/5/3/145.citation>

50

Bowden DE. Theoretical considerations of headgear therapy: a literature review. 2. Clinical response and usage. British journal of orthodontics 1978; **5**:173–81. <http://jorthod.maneyjournals.org/content/5/4/173.citation>

51

Andrews LF. The six keys to normal occlusion. American Journal of Orthodontics 1972; **62**:296–309. doi:10.1016/S0002-9416(72)90268-0

52

Ackerman JL, Proffit WR. Soft tissue limitations in orthodontics: Treatment planning guidelines. The Angle Orthodontic 1997; **67**:327–36. <http://www.angle.org/doi/abs/10.1043/0003-3219%281997%29067%3C0327%3ASTLIOT%3E2.3.CO%3B2>

53

Gill DS, Naini FB, Tredwin C. Smile Aesthetics. Dental Update 2007; **34**:152–8. <http://www.dental-update.co.uk/issuesSingleIssueArticle.asp?aKey=582>

54

Sarver DM. The importance of incisor positioning in the esthetic smile: The smile arc. *American Journal of Orthodontics and Dentofacial Orthopedics* 2001;**120**:98–111. doi:10.1067/mod.2001.114301

55

Houston WJB. Incisor edge-centroid relationships and overbite depth. *European Journal of Orthodontics* 1989;**11**:139–43. <http://ejo.oxfordjournals.org/content/11/2/139.abstract>

56

Houston WJB, Edler R. Long-term stability of the lower labial segment relative to the A-Pog line. *The European Journal of Orthodontics* 1990;**12**:302–10. doi:10.1093/ejo/12.3.302

57

Odman J, Lekholm U, Jemt T, et al. Osseointegrated titanium implants--a new approach in orthodontic treatment. *The European Journal of Orthodontics* 1988;**10**:98–105. doi:10.1093/ejo/10.2.98

58

Fudalej P, Kokich VG, Leroux B. Determining the cessation of vertical growth of the craniofacial structures to facilitate placement of single-tooth implants. *American Journal of Orthodontics and Dentofacial Orthopedics* 2007;**131**:S59–67. doi:10.1016/j.ajodo.2006.07.022

59

Chen Y, Kyung HM, Zhao WT, et al. Critical factors for the success of orthodontic mini-implants: A systematic review. *American Journal of Orthodontics and Dentofacial Orthopedics* 2009;**135**:284–91. doi:10.1016/j.ajodo.2007.08.017

60

Kuroda S, Sakai Y, Tamamura N, et al. Treatment of severe anterior open bite with skeletal

anchorage in adults: Comparison with orthognathic surgery outcomes. American Journal of Orthodontics and Dentofacial Orthopedics 2007;**132**:599–605. doi:10.1016/j.ajodo.2005.11.046

61

Benson PE, Tinsley D, O'Dwyer JJ, et al. Midpalatal implants vs headgear for orthodontic anchorage—a randomized clinical trial: Cephalometric results. American Journal of Orthodontics and Dentofacial Orthopedics 2007;**132**:606–15. doi:10.1016/j.ajodo.2006.01.040

62

Cornelis MA, Scheffler NR, De Clerck HJ, et al. Systematic review of the experimental use of temporary skeletal anchorage devices in orthodontics. American Journal of Orthodontics and Dentofacial Orthopedics 2007;**131**:S52–8. doi:10.1016/j.ajodo.2006.05.033

63

Bondemark L, Karlsson A. Extraoral vs Intraoral Appliance for Distal Movement of Maxillary First Molars: The Angle Orthodontist -. 2005;**75**:699–706.<http://www.angle.org/doi/abs/10.1043/0003-3219%282005%2975%5B699%3AEVIAFD%5D2.0.CO%3B2>

64

Feldmann I, Bondemark L. Anchorage capacity of osseointegrated and conventional anchorage systems: A randomized controlled trial. American Journal of Orthodontics and Dentofacial Orthopedics 2008;**133**:339.e19–339.e28. doi:10.1016/j.ajodo.2007.08.014

65

Day PF, Kindelan SA, Spencer JR, et al. Dental trauma: part 2. Managing poor prognosis anterior teeth - treatment options for the subsequent space in a growing patient. Journal of Orthodontics 2008;**35**:143–55. doi:10.1179/146531207225022590

66

Bishara SE, Ziaja RR. Functional appliances: A review. American Journal of Orthodontics and Dentofacial Orthopedics 1989;**95**:250–8. doi:10.1016/0889-5406(89)90055-3

67

Tulloch JFC, Proffit WR, Phillips C. Outcomes in a 2-phase randomized clinical trial of early class II treatment. *American Journal of Orthodontics and Dentofacial Orthopedics* 2004;**125**:657–67. doi:10.1016/j.ajodo.2004.02.008

68

Tulloch JFC, Phillips C, Proffit WR. Benefit of early Class II treatment: Progress report of a two-phase randomized clinical trial. *American Journal of Orthodontics and Dentofacial Orthopedics* 1998;**113**:62–74. doi:10.1016/S0889-5406(98)70277-X

69

Brin I, Tulloch JFC, Koroluk L, et al. External apical root resorption in Class II malocclusion: a retrospective review of 1- versus 2-phase treatment. *American Journal of Orthodontics and Dentofacial Orthopedics* 2003;**124**:151–6. doi:10.1016/S0889-5406(03)00166-5

70

Koroluk LD, Tulloch JFC, Phillips C. Incisor trauma and early treatment for Class II Division 1 malocclusion. *American Journal of Orthodontics and Dentofacial Orthopedics* 2003;**123**:117–25. doi:10.1067/mod.2003.86

71

Clark W. Design and management of Twin Blocks: reflections after 30 years of clinical use. *Journal of Orthodontics* 2010;**37**:209–16. doi:10.1179/14653121043110

72

O'Brien K, Wright J, Conboy F, et al. Effectiveness of early orthodontic treatment with the twin-block appliance: A multicenter, randomized, controlled trial. Part 1: Dental and skeletal effects. *American Journal of Orthodontics and Dentofacial Orthopedics* 2003;**124**:234–43. doi:10.1016/S0889-5406(03)00352-4

73

O'Brien K, Wright J, Conboy F, et al. Effectiveness of early orthodontic treatment with the twin-block appliance: a multicenter, randomized, controlled trial. Part 2: psychosocial effects. *American Journal of Orthodontics and Dentofacial Orthopedics* 2003;**124**:488–94. doi:10.1016/j.ajodo.2003.06.001

74

O'Brien K, Macfarlane T, Wright J, et al. Early treatment for Class II malocclusion and perceived improvements in facial profile. *American Journal of Orthodontics and Dentofacial Orthopedics* 2009;**135**:580–5. doi:10.1016/j.ajodo.2008.02.020

75

Tulloch JFC, Phillips C, Koch G, et al. The effect of early intervention on skeletal pattern in Class II malocclusion: A randomized clinical trial. *American Journal of Orthodontics and Dentofacial Orthopedics* 1997;**111**:391–400. doi:10.1016/S0889-5406(97)80021-2

76

Clark WJ. The twin block technique A functional orthopedic appliance system. *American Journal of Orthodontics and Dentofacial Orthopedics* 1988;**93**:1–18. doi:10.1016/0889-5406(88)90188-6

77

Banks P, Wright J, O'Brien K. Incremental versus maximum bite advancement during twin-block therapy: A randomized controlled clinical trial. *American Journal of Orthodontics and Dentofacial Orthopedics* 2004;**126**:583–8. doi:10.1016/j.ajodo.2004.03.024

78

Fleming PS, Scott P, DiBiase AT. How to ... manage the transition from functional to fixed appliances. *Journal of Orthodontics* 2007;**34**:252–9. doi:10.1179/146531207225022311

79

Andrews LF. The Straight Wire Appliance. *British journal of orthodontics* 1979;**6**:125–43.

80

Kesling PC. Dynamics of the tip-edge bracket. American Journal of Orthodontics and Dentofacial Orthopedics 1989;**96**:16–25. doi:10.1016/0889-5406(89)90224-2

81

Auluck A. Lingual orthodontic treatment: what is the current evidence base? Journal of Orthodontics 2013;**40**:s27–33. doi:10.1179/1465313313Y.0000000073

82

Chen SS-H, Greenlee GM, Kim J-E, et al. Systematic review of self-ligating brackets. American Journal of Orthodontics and Dentofacial Orthopedics 2010;**137**:726.e1-726.e18. doi:10.1016/j.ajodo.2009.11.009

83

McLAUGHLIN RP, BENNETT JC. Bracket Placement with the Preadjusted Appliance - Journal of Clinical Orthodontics. Add to e-Shelf Journal of clinical orthodontics 1995;**29**:302–11. <http://www.jco-online.com.libproxy.ucl.ac.uk/archive/article-view.aspx?year=1995&month=05&articlenum=302>

84

Irvine R. The effectiveness of laceback ligatures: A randomized controlled clinical trial. Journal of Orthodontics 2004;**31**:303–11. doi:10.1179/146531204225020606

85

Dixon V, Read MJF, O'Brien KD, et al. A randomised clinical trial to compare three methods of orthodontic space closure. Journal of Orthodontics 2002;**29**:31–6. doi:10.1093/ortho/29.1.31

86

Fleming PS, Johal A. Self-Ligating Brackets in Orthodontics. The Angle Orthodontist 2010;**80**:575–84. doi:10.2319/081009-454.1

87

Owais AI, Rousan ME, Badran SA, et al. Effectiveness of a lower lingual arch as a space holding device. The European Journal of Orthodontics 2011;**33**:37–42.
doi:10.1093/ejo/cjq022

88

Long H, Zhou Y, Lai W. The effectiveness of laceback ligatures during initial orthodontic alignment: A systematic review and meta-analysis. European Journal of Orthodontics 2013;**35**:547–8.
<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=89354375&site=ehost-live&scope=site>

89

Selwyn-Barnett BJ. Class II/Division 2 malocclusion: a method of planning and treatment. British journal of orthodontics 1996;**23**:29–36.
<http://jorthod.maneyjournals.org/content/23/1/29.abstract>

90

Selwyn-Barnett BJ. Rationale of treatment for Class II division 2 malocclusion. British journal of orthodontics 1991;**18**:173–81.

91

Davies G, Davies R. Delivering Better Oral Health - An Evidence-Based Toolkit for Prevention: A Review. Dental Update. 2008;**35**:460–4.
<http://www.dental-update.co.uk/issuesSingleIssueArticle.asp?aKey=683>

92

Evans R, Shaw W. Preliminary evaluation of an illustrated scale for rating dental attractiveness. The European Journal of Orthodontics 1987;**9**:314–8.
doi:10.1093/ejo/9.4.314

93

Brooke PH, Shaw WC. The development of an index of orthodontic treatment priority.

European Journal of Orthodontics;**11**
:309–32.<http://ejo.oxfordjournals.org/content/11/3/309.abstract>

94

Richmond S, Shaw WC, O'Brien KD, et al. The development of the PAR Index (Peer Assessment Rating): reliability and validity. The European Journal of Orthodontics 1992;**14**:125–39. doi:10.1093/ejo/14.2.125

95

Daniels C, Richmond S. The Development of the Index of Complexity, Outcome and Need (ICON). Journal of Orthodontics 2000;**27**:149–62. doi:10.1093/ortho/27.2.149

96

Mars M, Plint DA, Houston WJB, et al. The Goslon Yardstick: A New System of Assessing Dental Arch Relationships in Children with Unilateral Clefts of the Lip and Palate. The Cleft palate journal 1987;**24**:314–22.<http://digital.library.pitt.edu/c/cleftpalate/pdf/e20986v24n4.08.pdf>

97

Shaw WC, Richmond S, O'Brien KD, et al. Quality control in orthodontics: indices of treatment need and treatment standards. British Dental Journal 1991;**170**:107–12. doi:10.1038/sj.bdj.4807429

98

Millett DT, Glenny A-M, Mattick RC, et al. Adhesives for fixed orthodontic bands. Cochrane Database of Systematic Reviews Published Online First: 1 September 1996. doi:10.1002/14651858.CD004485.pub3

99

Shivapuja PK, Berger J. A comparative study of conventional ligation and self-ligation bracket systems. American Journal of Orthodontics and Dentofacial Orthopedics 1994;**106**:472–80. doi:10.1016/S0889-5406(94)70069-9

100

Burstone CJ. Variable-modulus orthodontics. American Journal of Orthodontics 1981;**80**:1-16. doi:10.1016/0002-9416(81)90192-5

101

Kusy RP. Comparison of nickel-titanium and beta titanium wire sizes to conventional orthodontic arch wire materials. American Journal of Orthodontics 1981;**79**:625-9. doi:10.1016/0002-9416(81)90355-9

102

Edwards GD, Davies EH, Jones SP. The ex vivo effect of ligation technique on the static frictional resistance of stainless steel brackets and archwires. British journal of orthodontics 1995;**22**:145-53.<http://jorthod.maneyjournals.org/content/22/2/145.abstract>

103

Kusy RP, Whitley JQ, Prewitt MJ. Comparison of the frictional coefficients for selected archwire-bracket slot combinations in the dry and wet states. The Angle Orthodontist 1991;**61**:293-302.<http://www.angle.org/doi/abs/10.1043/0003-3219%281991%29061%3C0293%3ACOTFCF%3E2.0.CO%3B2>

104

Waters NE. Superelastic nickel-titanium wires. British journal of orthodontics 1992;**19**:319-22.

105

Mandall N, Lowe C, Worthington H, et al. Which orthodontic archwire sequence? A randomized clinical trial. The European Journal of Orthodontics 2006;**28**:561-6. doi:10.1093/ejo/cjl030

106

Santoro M, Nicolay OF, Cangialosi TJ. Pseudoelasticity and thermoelasticity of

nickel-titanium alloys: A clinically oriented review. Part II: Deactivation forces. American Journal of Orthodontics and Dentofacial Orthopedics 2001;**119**:594–603.
doi:10.1067/mod.2001.112447

107

Davidovitch Z, Finkelson MD, Steigman S, et al. Electric currents, bone remodeling, and orthodontic tooth movement. American Journal of Orthodontics 1980;**77**:33–47.
doi:10.1016/0002-9416(80)90222-5

108

Reitan K, Rygh P. Biomechanical principles and reactions. In: Current orthodontic concepts and techniques. 1985. 101–92.

109

Sandy JR, Farndale RW, Meikle MC. Recent advances in understanding mechanically induced bone remodeling and their relevance to orthodontic theory and practice. American Journal of Orthodontics and Dentofacial Orthopedics 1993;**103**:212–22.
doi:10.1016/0889-5406(93)70002-6

110

Hill PA. Bone Remodelling. British journal of orthodontics 1998;**25**:101–7.
doi:10.1093/ortho/25.2.101

111

Krishnan V, Davidovitch Z. On a Path to Unfolding the Biological Mechanisms of Orthodontic Tooth Movement. Journal of Dental Research 2009;**88**:597–608.
<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&p;db=ddh&AN=43550283&site=ehost-live&scope=site>

112

Weiland F. Constant versus dissipating forces in orthodontics: The effect on initial tooth movement and root resorption. European Journal of Orthodontics 2003;**25**:335–42.
<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&p;db=ddh&AN=43293270&site=ehost-live&scope=site>

113

Wertz RA. Skeletal and dental changes accompanying rapid midpalatal suture opening. *American Journal of Orthodontics* 1970;**58**:41–66. doi:10.1016/0002-9416(70)90127-2

114

Hass AJ. Long-Term Posttreatment Evaluation of Rapid Palatal Expansion. *The Angle Orthodontist* 1980;**50**:189–217. <http://www.angle.org/doi/abs/10.1043/0003-3219%281980%29050%3C0189%3ALPEORP%3E2.0.CO%3B2>

115

Westwood PV, McNamara JA, Baccetti T, et al. Long-term effects of Class III treatment with rapid maxillary expansion and facemask therapy followed by fixed appliances. *American Journal of Orthodontics and Dentofacial Orthopedics* 2003;**123**:306–20. doi:10.1067/mod.2003.44

116

Baccetti T, Franchi L, McNamara JA. Treatment and posttreatment craniofacial changes after rapid maxillary expansion and facemask therapy. *American Journal of Orthodontics and Dentofacial Orthopedics* 2000;**118**:404–13. doi:10.1067/mod.2000.109840

117

Kapust AJ, Sinclair PM, Turley PK. Cephalometric effects of face mask/expansion therapy in Class III children: A comparison of three age groups. *American Journal of Orthodontics and Dentofacial Orthopedics* 1998;**113**:204–12. doi:10.1016/S0889-5406(98)70141-6

118

Baccetti T, Franchi L, McNamara JA. Cephalometric variables predicting the long-term success or failure of combined rapid maxillary expansion and facial mask therapy. *American Journal of Orthodontics and Dentofacial Orthopedics* 2004;**126**:16–22. doi:10.1016/j.ajodo.2003.06.010

119

Anne Mandall N, Cousley R, DiBiase A, et al. Is early class III protraction facemask treatment effective? A multicentre, randomized, controlled trial: 3-year follow-up. *Journal of Orthodontics* 2012;**39**:176–85. doi:10.1179/1465312512Z.00000000028

120

Opdebeeck H, Bell WH, Eisenfeld J, et al. Comparative study between the SFS and LFS rotation as a possible morphogenic mechanism. *American Journal of Orthodontics* 1978;**74**:509–21. doi:10.1016/0002-9416(78)90026-X

121

Fields HW, Proffit WR, Nixon WL, et al. Facial pattern differences in long-faced children and adults. *American Journal of Orthodontics* 1984;**85**:217–23. doi:10.1016/0002-9416(84)90061-7

122

Linder-Aronson S. Respiratory function in relation to facial morphology and the dentition. *British journal of orthodontics* 1978;**6**:59–71.

123

Kim YH. Anterior Openbite and its Treatment with Multiloop Edgewise Archwire. *The Angle Orthodontist* 1987;**57**:290–321. <http://www.angle.org/doi/abs/10.1043/0003-3219%281987%29057%3C0290%3A%3E2.0.CO%3B2>

124

Dung DJ, Smith RJ. Cephalometric and clinical diagnoses of open bite tendency. *American Journal of Orthodontics and Dentofacial Orthopedics* 1988;**94**:484–90. doi:10.1016/0889-5406(88)90006-6

125

Kim YH, Han UK, Lim DD, et al. Stability of anterior openbite correction with multiloop edgewise archwire therapy: A cephalometric follow-up study. *American Journal of*

Orthodontics and Dentofacial Orthopedics 2000;**118**:43–54. doi:10.1067/mod.2000.104830

126

Obwegeser HL, Makek MS. Hemimandibular hyperplasia — Hemimandibular elongation. Journal of Maxillofacial Surgery 1986;**14**:183–208. doi:10.1016/S0301-0503(86)80290-9

127

Bishara SE, Burkey PS, Kharouf HG. The Angle Orthodontist - Dental and facial asymmetries: a review. The Angle Orthodontist 1994;**64**:89–98.<http://www.angle.org/doi/abs/10.1043/0003-3219%281994%29064%3C0089%3AD-AFAAR%3E2.0.CO%3B2>

128

Carter NE, Slattery DA. Bimaxillary proclination in patients of Afro-Caribbean origin. British journal of orthodontics 1988;**15**:175–84.

129

Jacobs JD, Sinclair PM. Principles of orthodontic mechanics in orthognathic surgery cases. American Journal of Orthodontics 1983;**84**:399–407. doi:10.1016/0002-9416(93)90003-P

130

Pogrel M, Kaban L, Vargervik K, et al. Surgically assisted rapid maxillary expansion in adults. The International journal of adult orthodontics and orthognathic surgery 1992;**7**:37–41.

131

Proffit W, Phillips C, Tulloch J, et al. Surgical versus orthodontic correction of skeletal Class II maocclusion in adolescents: effects and indications. The International journal of adult orthodontics and orthognathic surgery 1992;**7**:209–20.

132

Proffit W, Turvey T, Phillips C. Orthognathic surgery: a hierarchy of stability. The International journal of adult orthodontics and orthognathic surgery 1996;**11**:191–204.

133

Proffit WR, Turvey TA, Phillips C. The hierarchy of stability and predictability in orthognathic surgery with rigid fixation: an update and extension. Head & Face Medicine 2007;**3**. doi:10.1186/1746-160X-3-21

134

Lee EGL, Ryan FS, Shute J, et al. The Impact of Altered Sensation Affecting the Lower Lip After Orthognathic Treatment. Journal of Oral and Maxillofacial Surgery 2011;**69**:e431–45. doi:10.1016/j.joms.2011.07.013

135

British Society for the Study of Orthodontics, British Association of Orthodontists. British journal of orthodontics. Facial profile and orthognathic surgery 1984;**11**.

136

British Society for the Study of Orthodontics, British Association of Orthodontists. British journal of orthodontics. The Clinical Standards Advisory Group (CSAG) Cleft Lip and Palate Study 1998;**25**. doi:10.1093/ortho/25.1.21

137

Asher-McDade C, Brattström V, Dahl E, et al. A Six-Center International Study of Treatment Outcome in Patients with Clefts of the Lip and Palate: Part 4. Assessment of Nasolabial Appearance. The Cleft Palate-Craniofacial Journal 1992;**29**:409–12. doi:10.1597/1545-1569(1992)029<0409:ASCISO>2.3.CO;2

138

Ross RB. Treatment Variables Affecting Facial Growth in Complete Unilateral Cleft Lip and Palate. Part 1: Treatment Affecting Growth. The Cleft Palate Journal 1987;**24**:5–23.<http://digital.library.pitt.edu/c/cleftpalate/pdf/e20986v24n1.02.pdf>

139

Mars M, Plint DA, Bergland O, et al. The GOSLON Yardstick. A new system for assessing dental arch relationships in children with cleft lip and palate. *The cleft palate journal* 1987; **24**:314-22. <http://digital.library.pitt.edu/c/cleftpalate/pdf/e20986v24n4.08.pdf>

140

Di B, Markus A. Cleft lip and palate care in the UK: the CSAG report. *British Dental Journal* 1998; **185**:320-1. doi:10.1038/sj.bdj.4809800

141

Tamburrini G, Caldarelli M, Massimi L, et al. Complex craniosynostoses: a review of the prominent clinical features and the related management strategies. *Child's Nervous System* 2012; **28**:1511-23. doi:10.1007/s00381-012-1819-4

142

Ohtani J, Hoffman WY, Vargervik K, et al. Team management and treatment outcomes for patients with hemifacial microsomia. *American Journal of Orthodontics and Dentofacial Orthopedics* 2012; **141**:S74-81. doi:10.1016/j.ajodo.2011.12.015

143

Mettes DT, Nienhuijs MM, van der Sanden WJ, et al. Interventions for treating asymptomatic impacted wisdom teeth in adolescents and adults. In: *Cochrane Database of Systematic Reviews*. Chichester, UK: : John Wiley & Sons, Ltd 1996. doi:10.1002/14651858.CD003879.pub2

144

McGuinness NJ. Prevention in orthodontics--a review. *Dental update* 1992; **19**:168-75. [http://ucl-primo.hosted.exlibrisgroup.com/primo_library/libweb/action/display.do;jsessionid=A5725199FE9CECD3244DA16625175521?tabs=detailsTab&ct=display&fn=search&doc=dedupmrg113557014&indx=1&reclds=dedupmrg113557014&recldxs=0&elementId=0&renderMode=poppedOut&displayMode=full&frbrVersion=&dscnt=0&onCampus=false&query=any%2Ccontains%2Cdental+update&scp.scps=scope%3A%28LMS_JRNL_S%29&tab=local&dsmtp=1416479797935&dym=true&highlight=true&vl\(2235343UI0\)=any&search_scope=LSCOP_UCL_JNL&displayField=title&bulkSize=10&vl\(freeText0\)=dental%20update&vid=UCL_VU1&institution=UCL](http://ucl-primo.hosted.exlibrisgroup.com/primo_library/libweb/action/display.do;jsessionid=A5725199FE9CECD3244DA16625175521?tabs=detailsTab&ct=display&fn=search&doc=dedupmrg113557014&indx=1&reclds=dedupmrg113557014&recldxs=0&elementId=0&renderMode=poppedOut&displayMode=full&frbrVersion=&dscnt=0&onCampus=false&query=any%2Ccontains%2Cdental+update&scp.scps=scope%3A%28LMS_JRNL_S%29&tab=local&dsmtp=1416479797935&dym=true&highlight=true&vl(2235343UI0)=any&search_scope=LSCOP_UCL_JNL&displayField=title&bulkSize=10&vl(freeText0)=dental%20update&vid=UCL_VU1&institution=UCL)

145

Atack NE. The Orthodontic Implications of Traumatized Upper IncisorTeeth. Dental Update; **26**:432–6.<http://www.dental-update.co.uk/issuesSingleIssueArticle.asp?aKey=63>

146

Bailey et al. DL. Regression of Post-orthodontic Lesions by a Remineralizing Cream. Journal of Dental Research 2009;**88**:1148–53.<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=45402358&site=ehost-live&scope=site>

147

McComb JL. Orthodontic treatment and isolated gingival recession: a review. British journal of orthodontics;**21**:159.

148

Linge L, Linge BO. Patient characteristics and treatment variables associated with apical root resorption during orthodontic treatment. American Journal of Orthodontics and Dentofacial Orthopedics 1991;**99**:35–43. doi:10.1016/S0889-5406(05)81678-6

149

Brezniak N, Wasserstein A. Root resorption after orthodontic treatment: Part 1. Literature review. American Journal of Orthodontics and Dentofacial Orthopedics 1993;**103**:62–6. doi:10.1016/0889-5406(93)70106-X

150

Brezniak N, Wasserstein A. Root resorption after orthodontic treatment: Part 2. Literature review. American Journal of Orthodontics and Dentofacial Orthopedics 1993;**103**:138–46. doi:10.1016/S0889-5406(05)81763-9

151

Brezniak N, Wasserstein A. Orthodontically Induced Inflammatory Root Resorption. Part II:

The Clinical Aspects. Angle Orthodontist 2002;**72**:180–4.<http://www.angle.org/doi/abs/10.1043/0003-3219%282002%29072%3C0180%3AOrthodontic%3E2.0.CO%3B2>

152

Levander E, Malmgren O. Long-term follow-up of maxillary incisors with severe apical root resorption. European Journal of Orthodontics 2000;**22**:85–92.<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=4637898&site=ehost-live&scope=site>

153

Levander E, Malmgren O, Eliasson S. Evaluation of root resorption in relation to two orthodontic treatment regimes. A clinical experimental study. The European Journal of Orthodontics 1994;**16**:223–8. doi:10.1093/ejo/16.3.223

154

Weltman B, Vig KWL, Fields HW, et al. Root resorption associated with orthodontic tooth movement: A systematic review. American Journal of Orthodontics and Dentofacial Orthopedics 2010;**137**:462–76. doi:10.1016/j.ajodo.2009.06.021

155

Littlewood SJ, Millett DT, Doubleday B, et al. Retention procedures for stabilising tooth position after treatment with orthodontic braces. In: Cochrane Database of Systematic Reviews. Chichester, UK: : John Wiley & Sons, Ltd 1996. doi:10.1002/14651858.CD002283.pub3

156

Littlewood SJ. Orthodontic retention: A systematic review. Journal of Orthodontics 2006;**33**:205–12. doi:10.1179/146531205225021624

157

Retention and stability in orthodontics. Philadelphia: : W.B. Saunders 1993.

158

Miles JR. The stability of the lower labial segment. A cephalometric survey. Dental Practitioner 1968;**18**:293–306.

159

Edwards JG. A surgical procedure to eliminate rotational relapse. American Journal of Orthodontics 1970;**57**:35–46. doi:10.1016/0002-9416(70)90203-4

160

Little RM. Stability and relapse of dental arch alignment. Journal of orthodontics 1990;**17**:235–41.<http://jorthod.maneyjournals.org/content/17/3/235.abstract>

161

Harradine NWT, Pearson MH, Toth B. The effect of extraction of third molars on late lower incisor crowding: A randomized controlled trial. Journal of orthodontics 1998;**25**:117–22. doi:10.1093/ortho/25.2.117

162

McComb JL. Orthodontic treatment and isolated gingival recession: a review. British journal of orthodontics 1994;**21**:151–9.<http://jorthod.maneyjournals.org/content/21/2/151.abstract>

163

Little RM, Riedel RA, Stein A. Mandibular arch length increase during the mixed dentition: Postretention evaluation of stability and relapse. American Journal of Orthodontics and Dentofacial Orthopedics 1990;**97**:393–404. doi:10.1016/S0889-5406(08)70111-0

164

Rowland H, Hichens L, Williams A, et al. The effectiveness of Hawley and vacuum-formed retainers: A single-center randomized controlled trial. American Journal of Orthodontics and Dentofacial Orthopedics 2007;**132**:730–7. doi:10.1016/j.ajodo.2006.06.019

165

Barlin S, Smith R, Reed R, et al. A retrospective randomized double-blind comparison study of the effectiveness of Hawley vs vacuum-formed retainers. *The Angle Orthodontist* 2011;**81**:404–9. <http://www.angle.org/doi/abs/10.2319/072610-437.1>

166

Thickett E, Power S. A randomized clinical trial of thermoplastic retainer wear. *The European Journal of Orthodontics* 2010;**32**:1–5. doi:10.1093/ejo/cjp061

167

Rudge SJ. Dental arch analysis: arch form A review of the literature. *The European Journal of Orthodontics* 1981;**3**:279–84. doi:10.1093/ejo/3.4.279

168

Felton JM, Sinclair PM, Jones DL, et al. A computerized analysis of the shape and stability of mandibular arch form. *American Journal of Orthodontics and Dentofacial Orthopedics* 1987;**92**:478–83. doi:10.1016/0889-5406(87)90229-0

169

Andrews LF. The six keys to normal occlusion. *American Journal of Orthodontics* 1972;**62**:296–309. doi:10.1016/S0002-9416(72)90268-0

170

Sadowsky C, BeGole EA. Long-term status of temporomandibular joint function and functional occlusion after orthodontic treatment. *American Journal of Orthodontics* 1980;**78**:201–12. doi:10.1016/0002-9416(80)90060-3

171

Clark J. Functional occlusal relationships in a group of post-orthodontic patients: preliminary findings. *The European Journal of Orthodontics* 1998;**20**:103–10. doi:10.1093/ejo/20.2.103

172

American Journal of Orthodontics and Dentofacial Orthopedics.
<http://www.sciencedirect.com/science/journal/08895406/101/1>

173

Luther F. Orthodontics and the temporomandibular joint: Where are we now? Part 1. Orthodontic treatment and temporomandibular disorders. The Angle orthodontist 1998;**68**:295-304.<http://www.angle.org/doi/abs/10.1043/0003-3219%281998%29068%3C0295%3AOATTJW%3E2.3.CO%3B2>

174

Luther F. The Angle Orthodontist - Orthodontics and the temporomandibular joint: Where are we now? Part 2. Functional occlusion, malocclusion, and TMD. The Angle orthodontist. 1998;**68**:305-18.<http://www.angle.org/doi/abs/10.1043/0003-3219%281998%29068%3C0305%3AOTTJW%3E2.3.CO%3B2>

175

Luther F, Layton S, McDonald F. Orthodontics for treating temporomandibular joint (TMJ) disorders. In: Cochrane Database of Systematic Reviews. Chichester, UK: : John Wiley & Sons, Ltd 1996. doi:10.1002/14651858.CD006541.pub2

176

Luther F. TMD and occlusion part I. Damned if we do? Occlusion: the interface of dentistry and orthodontics. BDJ 2007;**202**:E2-E2. doi:10.1038/bdj.2006.122

177

Luther F. TMD and occlusion part II. Damned if we don't? Functional occlusal problems: TMD epidemiology in a wider context. BDJ 2007;**202**:E3-E3. doi:10.1038/bdj.2006.123

178

Ashley et al. FR. The relationship between irregularity of the incisor teeth, plaque, and gingivitis: a study in a group of schoolchildren aged 11-14 years. European Journal of

Orthodontics 1998;**20**

:65–72.<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=4337265&site=ehost-live&scope=site>

179

ZACHRISSON BU, ALNAES L. The Angle Orthodontist - Periodontal Condition in Orthodontically Treated and Untreated Individuals I. Loss of Attachment, Gingival Pocket Depth and Clinical Crown Height. The Angle Orthodontist 1973;**43**

:402–11.<http://www.angle.org/doi/abs/10.1043/0003-3219%281973%29043%3C0402%3APCIOTA%3E2.0.CO%3B2>

180

ZACHRISSON BU, ALNÆS L. Periodontal Condition in Orthodontically Treated and Untreated Individuals II. Alveolar Bone Loss: Radiographic Findings. The Angle Orthodontist. 1974;**44**

:48–55.<http://www.angle.org/doi/abs/10.1043/0003-3219%281974%29044%3C0048%3APCIOTA%3E2.0.CO%3B2>

181

Atack NE, Sandy JR, Addy M. Periodontal and Microbiological Changes Associated With the Placement of Orthodontic Appliances. A Review*. Journal of Periodontology 1996;**67**:78–85. doi:10.1902/jop.1996.67.2.78

182

Cedro MK, Moles DR, Hodges SJ. Adult orthodontics -- who's doing what? Journal of Orthodontics 2010;**37**:107–17. doi:10.1179/14653121042966

183

Cedro M, Moles DR, Hodges S. Adult orthodontics in the absence of orthognathic treatment: a hospital perspective. Journal of Orthodontics 2012;**39**:292–302.

doi:10.1179/1465312512Z.00000000050

184

Johal A, Katsaros C, Kiliardis S, et al. State of the science on controversial topics: orthodontic therapy and gingival recession (a report of the Angle Society of Europe 2013

meeting). *Progress in Orthodontics* 2013;**14**. doi:10.1186/2196-1042-14-16

185

Pabari S, Moles DR, Cunningham SJ. Assessment of motivation and psychological characteristics of adult orthodontic patients. *American Journal of Orthodontics and Dentofacial Orthopedics* 2011;**140**:e263–72. doi:10.1016/j.ajodo.2011.06.022

186

Khalaf K, Miskelly J, Voge E, et al. Prevalence of hypodontia and associated factors: a systematic review and meta-analysis. *Journal of Orthodontics* 2014;**41**:299–316. doi:10.1179/1465313314Y.0000000116

187

Bjerklin K, Bennett J. The long-term survival of lower second primary molars in subjects with agenesis of the premolars. *European Journal of Orthodontics* 2000;**22**:245–55. <http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=4637930&site=ehost-live&scope=site>

188

Gill DS, Jones S, Hobkrik J, et al. Counselling Patients with Hypodontia. *Dental update* 2008;**35**:344–52. <http://www.dental-update.co.uk/issuesSingleIssueArticle.asp?aKey=670>

189

KOKICH VO, KINZER GA. Managing Congenitally Missing Lateral Incisors. Part I: Canine Substitution. *Journal of Esthetic and Restorative Dentistry* 2005;**17**:5–10. doi:10.1111/j.1708-8240.2005.tb00076.x

190

Kokich VG, Spear FM. Guidelines for managing the orthodontic-restorative patient. *Seminars in Orthodontics* 1997;**3**:3–20. doi:10.1016/S1073-8746(97)80036-9

191

Nunn et al. JH. The interdisciplinary management of hypodontia: background and role of paediatric dentistry. British Dental Journal 2003;**194**:245-51.<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=9512085&site=ehost-live&scope=site>

192

Polder BJ, Van't Hof MA, Van der Linden FPGM, et al. A meta-analysis of the prevalence of dental agenesis of permanent teeth. Community Dentistry and Oral Epidemiology 2004;**32**:217-26. doi:10.1111/j.1600-0528.2004.00158.x

193

Olsen TM, Kokich VG. Postorthodontic root approximation after opening space for maxillary lateral incisor implants. American Journal of Orthodontics and Dentofacial Orthopedics 2010;**137**:158.e1-158.e8. doi:10.1016/j.ajodo.2009.08.024

194

Cunningham SJ, Garratt AM, Hunt NP. Development of a condition-specific quality of life measure for patients with dentofacial deformity: I. Reliability of the instrument. Community Dentistry and Oral Epidemiology 2000;**28**:195-201. doi:10.1034/j.1600-0528.2000.280305.x

195

Cunningham SJ, Garratt AM, Hunt NP. Development of a condition-specific quality of life measure for patients with dentofacial deformity: II. Validity and responsiveness testing. Community Dentistry and Oral Epidemiology 2002;**30**:81-90. doi:10.1034/j.1600-0528.2002.300201.x

196

Jokovic et al. A. Questionnaire for Measuring Oral Health-related Quality of Life in Eight- to Ten-year-old Children. Pediatric Dentistry 2004;**26**:512-8.<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=15340090&site=ehost-live&scope=site>

197

Klages U, Bruckner A, Zentne A. Dental aesthetics, self-awareness, and oral health-related quality of life in young adults. *European Journal of Orthodontics* 2004;**26**:507–14. <http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=43316384&site=ehost-live&scope=site>

198

Seehra J, Fleming PS, Newton T, et al. Bullying in orthodontic patients and its relationship to malocclusion, self-esteem and oral health-related quality of life. *Journal of Orthodontics* 2011;**38**:247–56. doi:10.1179/14653121141641

199

Shaw WC, Richmond S, Kenealy PM, et al. A 20-year cohort study of health gain from orthodontic treatment: Psychological outcome. *American Journal of Orthodontics and Dentofacial Orthopedics* 2007;**132**:146–57. doi:10.1016/j.ajodo.2007.04.009