



Orthodontics II

Year 5 — Bachelor of Dental Surgery

Reference and Resource List — Chapters 1 to 17

Supporting the MCQ, SBA, SAQ and flashcard question bank

BM Education FZE

Disclaimer

Questions in this bank were generated with the assistance of artificial intelligence and reviewed against the references listed. They are provided for educational revision only, are not a substitute for prescribed textbooks, clinical guidelines or supervised clinical training, and no warranty is given as to their accuracy or completeness.

References are presented in Vancouver style. Part 1 lists the core sources that apply across the whole subject; Part 2 lists, for each chapter, the relevant sections of those core texts together with sources specific to that chapter. Numbers in square brackets in Part 2 refer to the core list in Part 1.

PART 1 — CORE REFERENCES (ALL CHAPTERS)

1.1 Principal orthodontic textbooks

1. Proffit WR, Fields HW, Larson BE, Sarver DM. Contemporary Orthodontics. 6th ed. St Louis: Elsevier; 2019.
2. Graber LW, Vanarsdall RL, Vig KWL, Huang GJ, Fleming PS, editors. Orthodontics: Current Principles and Techniques. 7th ed. St Louis: Elsevier; 2023.
3. Littlewood SJ, Mitchell L. An Introduction to Orthodontics. 5th ed. Oxford: Oxford University Press; 2019.
4. Cobourne MT, DiBiase AT. Handbook of Orthodontics. 2nd ed. Edinburgh: Elsevier; 2016.
5. Kharbanda OP, editor. Orthodontics: Diagnosis and Management of Malocclusion and Dentofacial Deformities. 3rd ed. New Delhi: Elsevier India; 2020.
6. Bhalajhi SI. Orthodontics: The Art and Science. 7th ed. New Delhi: Arya Medi Publishing House; 2018.
7. Bishara SE, editor. Textbook of Orthodontics. Philadelphia: WB Saunders; 2001.
8. Nanda R, editor. Esthetics and Biomechanics in Orthodontics. 2nd ed. St Louis: Elsevier Saunders; 2015.

1.2 Growth, cephalometrics and orthognathic planning

9. Enlow DH, Hans MG. Essentials of Facial Growth. Philadelphia: WB Saunders; 1996.
10. Jacobson A, Jacobson RL, editors. Radiographic Cephalometry: From Basics to 3-D Imaging. 2nd ed. Chicago: Quintessence Publishing; 2006.
11. Naini FB, Gill DS, editors. Orthognathic Surgery: Principles, Planning and Practice. Chichester: Wiley Blackwell; 2017.

1.3 Classification, occlusion and outcome indices

12. Angle EH. Classification of malocclusion. Dent Cosmos. 1899;41(3):248–64.
13. Andrews LF. The six keys to normal occlusion. Am J Orthod. 1972;62(3):296–309.
14. Brook PH, Shaw WC. The development of an index of orthodontic treatment priority. Eur J Orthod. 1989;11(3):309–20.
15. Richmond S, Shaw WC, O'Brien KD, Buchanan IB, Jones R, Stephens CD, et al. The development of the PAR Index (Peer Assessment Rating): reliability and validity. Eur J Orthod. 1992;14(2):125–39.

1.4 Guidelines, regulatory and professional standards

16. Isaacson KG, Thom AR, Atack NE, Horner K, Whaites E. Orthodontic Radiographs: Guidelines. 4th ed. London: British Orthodontic Society; 2015. Available from: <https://www.bos.org.uk>
17. General Dental Council. Standards for the Dental Team. London: GDC; 2013. Available from: <https://www.gdc-uk.org>
18. General Dental Council. Preparing for practice: dental team learning outcomes for registration. London: GDC; 2015. Available from: <https://www.gdc-uk.org>
19. Dental Council of India. Bachelor of Dental Surgery (BDS) Course Regulations, 2007 (as amended). New Delhi: DCI.

1.6 Key journals for currency

American Journal of Orthodontics and Dentofacial Orthopedics · European Journal of Orthodontics · Journal of Orthodontics · Angle Orthodontist · Orthodontics & Craniofacial Research · Progress in Orthodontics · Seminars in Orthodontics · Cleft Palate-Craniofacial Journal · British Dental Journal

PART 2 — CHAPTER-SPECIFIC REFERENCES

Chapter 1 — Advanced Orthodontic Diagnosis and Treatment Planning

1.1 Comprehensive orthodontic assessment · 1.2 Extraoral examination · 1.3 Intraoral examination · 1.4 Functional assessment · 1.5 Orthodontic records · 1.6 Orthodontic treatment planning

Core texts: [1] Chs. on orthodontic diagnosis (the problem-oriented approach) and orthodontic treatment planning · [2] Chs. on diagnosis and treatment planning · [3] Chs. on the orthodontic assessment, patient records and treatment planning · [4] Chs. on the orthodontic patient: examination and diagnosis · [5] Chs. on diagnosis and case analysis · [8] Ch. on facial and dental aesthetics · [12] · [13] · [14] · [16]

Additional

- Ackerman JL, Proffit WR. The characteristics of malocclusion: a modern approach to classification and diagnosis. *Am J Orthod.* 1969;56(5):443–54.
- Arnett GW, Bergman RT. Facial keys to orthodontic diagnosis and treatment planning. Part I. *Am J Orthod Dentofacial Orthop.* 1993;103(4):299–312.
- Sarver DM. The importance of incisor positioning in the esthetic smile: the smile arc. *Am J Orthod Dentofacial Orthop.* 2001;120(2):98–111.
- Ackerman MB, Ackerman JL. Smile analysis and design in the digital era. *J Clin Orthod.* 2002;36(4):221–36.
- Cunningham SJ, Hunt NP, Feinmann C. Psychological aspects of orthognathic surgery: a review of the literature. *Int J Adult Orthodon Orthognath Surg.* 1995;10(3):159–72.
- Shaw WC, Richmond S, O'Brien KD. The use of occlusal indices: a European perspective. *Am J Orthod Dentofacial Orthop.* 1995;107(1):1–10.

Chapter 2 — Cephalometrics and Growth Analysis

2.1 Principles of cephalometrics · 2.2 Skeletal relationships · 2.3 Dental relationships · 2.4 Growth and maturation assessment · 2.5 Cephalometric analyses

Core texts: [1] Chs. on concepts of growth and development, and on cephalometric analysis within orthodontic diagnosis · [2] Chs. on craniofacial growth and on cephalometric evaluation · [3] Ch. on cephalometrics · [4] Ch. on cephalometric radiography · [5] Chs. on cephalometrics and growth · [9] · [10]

Additional

- Steiner CC. Cephalometrics for you and me. *Am J Orthod.* 1953;39(10):729–55.
- Tweed CH. The Frankfort-mandibular incisor angle (FMIA) in orthodontic diagnosis, treatment planning and prognosis. *Angle Orthod.* 1954;24(3):121–69.
- McNamara JA Jr. A method of cephalometric evaluation. *Am J Orthod.* 1984;86(6):449–69.
- Jacobson A. The "Wits" appraisal of jaw disharmony. *Am J Orthod.* 1975;67(2):125–38.
- Mills JRE. *Principles and Practice of Orthodontics.* 2nd ed. Edinburgh: Churchill Livingstone; 1987.
- Björk A. Prediction of mandibular growth rotation. *Am J Orthod.* 1969;55(6):585–99.
- Baccetti T, Franchi L, McNamara JA Jr. The Cervical Vertebral Maturation (CVM) method for the assessment of optimal treatment timing in dentofacial orthopedics. *Semin Orthod.* 2005;11(3):119–29.
- Fishman LS. Radiographic evaluation of skeletal maturation: a clinically oriented method based on hand-wrist films. *Angle Orthod.* 1982;52(2):88–112.
- Houston WJB. The analysis of errors in orthodontic measurements. *Am J Orthod.* 1983;83(5):382–90.

Chapter 3 — Orthodontic Biomechanics

3.1 Principles of tooth movement · 3.2 Types of tooth movement · 3.3 Force systems · 3.4 Anchorage · 3.5 Orthodontic materials

Core texts: [1] Chs. on the biologic basis of orthodontic therapy and on mechanical principles in orthodontic force control · [2] Chs. on the biology of tooth movement, biomechanics and orthodontic materials · [3] Chs. on the biology and mechanics of tooth movement and on anchorage · [4] Chs. on tooth movement and anchorage · [5] Chs. on biomechanics and anchorage · [8]

Additional

- Reitan K. Some factors determining the evaluation of forces in orthodontics. *Am J Orthod.* 1957;43(1):32–45.
- Krishnan V, Davidovitch Z. Cellular, molecular, and tissue-level reactions to orthodontic force. *Am J Orthod Dentofacial Orthop.* 2006;129(4):469.e1–32.
- Smith RJ, Burstone CJ. Mechanics of tooth movement. *Am J Orthod.* 1984;85(4):294–307.
- Ren Y, Maltha JC, Kuijpers-Jagtman AM. Optimum force magnitude for orthodontic tooth movement: a systematic literature review. *Angle Orthod.* 2003;73(1):86–92.
- Kapila S, Sachdeva R. Mechanical properties and clinical applications of orthodontic wires. *Am J Orthod Dentofacial Orthop.* 1989;96(2):100–9.
- Brantley WA, Eliades T, editors. *Orthodontic Materials: Scientific and Clinical Aspects.* Stuttgart: Thieme; 2001.
- Nanda R, Uribe FA, Yadav S, editors. *Temporary Anchorage Devices in Orthodontics.* 2nd ed. St Louis: Elsevier; 2020.
- Papadopoulos MA, Tarawneh F. The use of miniscrew implants for temporary skeletal anchorage in orthodontics: a comprehensive review. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod.* 2007;103(5):e6–15.

Chapter 4 — Fixed Orthodontic Appliances

4.1 Components of fixed appliances · 4.2 Bracket systems · 4.3 Bonding procedures · 4.4 Archwire progression · 4.5 Common orthodontic auxiliaries

Core texts: [1] Chs. on contemporary orthodontic appliances and on the stages of comprehensive treatment (alignment and levelling, finishing) · [2] Chs. on fixed appliances, bonding and archwire sequencing · [3] Ch. on fixed appliances · [4] Ch. on fixed appliances · [5] Chs. on fixed appliance systems · [13]

Additional

- Andrews LF. The straight-wire appliance: explained and compared. *J Clin Orthod.* 1976;10(3):174–95.
- McLaughlin RP, Bennett JC, Trevisi HJ. *Systemized Orthodontic Treatment Mechanics.* Edinburgh: Mosby; 2001.
- Buonocore MG. A simple method of increasing the adhesion of acrylic filling materials to enamel surfaces. *J Dent Res.* 1955;34(6):849–53.
- Mandall NA, Hickman J, Macfarlane TV, Mattick RC, Millett DT, Worthington HV. Adhesives for fixed orthodontic brackets. *Cochrane Database Syst Rev.* 2018;4:CD002282.
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- Chen SS, Greenlee GM, Kim JE, Smith CL, Huang GJ. Systematic review of self-ligating brackets. *Am J Orthod Dentofacial Orthop.* 2010;137(6):726.e1–18.
- Russell JS. Aesthetic orthodontic brackets. *J Orthod.* 2005;32(2):146–63.
- Wang Y, Liu C, Jian F, McIntyre GT, Millett DT, Hickman J, et al. Initial arch wires used in orthodontic treatment with fixed appliances. *Cochrane Database Syst Rev.* 2018;7:CD007859.

Chapter 5 — Removable and Functional Appliances

5.1 Removable orthodontic appliances · 5.2 Indications and limitations · 5.3 Functional appliances · 5.4 Growth modification principles

Core texts: [1] Chs. on treatment of skeletal problems in children and preadolescents, and on removable appliances within contemporary orthodontic appliances · [2] Chs. on functional appliances and dentofacial orthopaedics · [3] Chs. on removable appliances and functional appliances · [4] Chs. on removable and functional appliances · [5] Chs. on removable appliances and myofunctional appliances · [6] Chs. on removable and functional appliances

Additional

- Isaacson KG, Muir JD, Reed RT. Removable Orthodontic Appliances. Oxford: Wright; 2002.
- Clark WJ. Twin Block Functional Therapy: Applications in Dentofacial Orthopaedics. 3rd ed. New Delhi: Jaypee Brothers Medical Publishers; 2015.
- Clark WJ. The twin block technique: a functional orthopedic appliance system. Am J Orthod Dentofacial Orthop. 1988;93(1):1–18.
- Pancherz H. The Herbst appliance — its biologic effects and clinical use. Am J Orthod. 1985;87(1):1–20.
- Fränkel R, Fränkel C. Orofacial Orthopedics with the Function Regulator. Basel: Karger; 1989.
- O'Brien K, Wright J, Conboy F, Sanjie Y, Mandall N, Chadwick S, et al. Effectiveness of early orthodontic treatment with the Twin-block appliance: a multicenter, randomized, controlled trial. Part 1: dental and skeletal effects. Am J Orthod Dentofacial Orthop. 2003;124(3):234–43.
- Cozza P, Baccetti T, Franchi L, De Toffol L, McNamara JA Jr. Mandibular changes produced by functional appliances in Class II malocclusion: a systematic review. Am J Orthod Dentofacial Orthop. 2006;129(5):599.e1–12.

Chapter 6 — Management of Class I Malocclusion

6.1 Class I crowding · 6.2 Class I spacing · 6.3 Rotations and alignment problems

Core texts: [1] Chs. on treatment of nonskeletal problems, alignment and levelling, and adjunctive treatment · [2] Ch. on treatment of Class I malocclusion · [3] Ch. on Class I malocclusion · [4] Ch. on management of Class I malocclusion · [5] Ch. on Class I malocclusion · [6] · [7]

Additional

- Little RM, Wallen TR, Riedel RA. Stability and relapse of mandibular anterior alignment — first premolar extraction cases treated by traditional edgewise orthodontics. Am J Orthod. 1981;80(4):349–65.
- Sheridan JJ. Air-rotor stripping. J Clin Orthod. 1985;19(1):43–59.
- Edwards JG. The diastema, the frenum, the frenectomy: a clinical study. Am J Orthod. 1977;71(5):489–508.
- Huang WJ, Creath CJ. The midline diastema: a review of its etiology and treatment. Pediatr Dent. 1995;17(3):171–9.
- Kokich VG, Kinzer GA. Managing congenitally missing lateral incisors. Part I: canine substitution. J Esthet Restor Dent. 2005;17(1):5–10.
- Zachrisson BU, Nyøygård L, Mobarak K. Dental health assessed more than 10 years after interproximal enamel reduction of mandibular anterior teeth. Am J Orthod Dentofacial Orthop. 2007;131(2):162–9.

Chapter 7 — Management of Class II Malocclusion

7.1 Classification of Class II malocclusion · 7.2 Class II treatment planning · 7.3 Functional appliance therapy · 7.4 Fixed appliance correction of Class II

Core texts: [1] Chs. on treatment of skeletal problems in children, the second stage of comprehensive treatment (correction of molar relationship) and camouflage · [2] Chs. on Class II treatment and functional appliances · [3] Ch. on Class II division 1 and division 2 malocclusions · [4] Chs. on Class II malocclusion · [5] Chs. on Class II division 1 and division 2 · [6] · [7]

Additional

- McNamara JA Jr. Components of Class II malocclusion in children 8–10 years of age. Angle Orthod. 1981;51(3):177–202.

- Batista KBSL, Thiruvengkatachari B, Harrison JE, O'Brien KD. Orthodontic treatment for prominent upper front teeth (Class II malocclusion) in children and adolescents. *Cochrane Database Syst Rev*. 2018;3:CD003452.
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- Millett DT, Cunningham SJ, O'Brien KD, Benson PE, de Oliveira CM. Treatment and stability of Class II division 2 malocclusion in children and adolescents: a systematic review. *Am J Orthod Dentofacial Orthop*. 2012;142(2):159–69.

Chapter 8 — Management of Class III Malocclusion

8.1 Classification of Class III malocclusion · 8.2 Early management of Class III · 8.3 Orthodontic camouflage · 8.4 Orthognathic surgery awareness

Core texts: [1] Chs. on treatment of skeletal problems in children and on combined surgical and orthodontic treatment · [2] Chs. on Class III treatment and orthognathic surgery · [3] Ch. on Class III malocclusion · [4] Chs. on Class III malocclusion and orthognathic surgery · [5] Chs. on Class III malocclusion and surgical orthodontics · [6] · [11] Chs. on diagnosis, planning and the Class III patient

Additional

- Ngan P, Moon W. Evolution of Class III treatment in orthodontics. *Am J Orthod Dentofacial Orthop*. 2015;148(1):22–36.
- Watkinson S, Harrison JE, Furness S, Worthington HV. Orthodontic treatment for prominent lower front teeth (Class III malocclusion) in children. *Cochrane Database Syst Rev*. 2013;9:CD003451.
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- De Clerck HJ, Cornelis MA, Cevitanes LH, Heymann GC, Tulloch CJF. Orthopedic traction of the maxilla with miniplates: a new perspective for treatment of midface deficiency. *J Oral Maxillofac Surg*. 2009;67(10):2123–9.
- Kerr WJS, Miller S, Dawber JE. Class III malocclusion: surgery or orthodontics? *Br J Orthod*. 1992;19(1):21–4.
- Ireland AJ, Cunningham SJ, Petrie A, Cobourne MT, Acharya P, Sandy JR, et al. An Index of Orthognathic Functional Treatment Need (IOFTN). *J Orthod*. 2014;41(2):77–83.
- Proffit WR, White RP Jr, Sarver DM. *Contemporary Treatment of Dentofacial Deformity*. St Louis: Mosby; 2003.

Chapter 9 — Vertical and Transverse Problems

9.1 Deep bite · 9.2 Open bite · 9.3 Crossbites · 9.4 Arch expansion

Core texts: [1] Chs. on treatment of nonskeletal problems (crossbite, deep bite), skeletal problems in children (expansion) and complex nonskeletal problems (open bite) · [2] Chs. on vertical and transverse dimensions and maxillary expansion · [3] Chs. on anterior open bite, deep overbite and crossbites · [4] Chs. on deep bite, open bite and crossbite · [5] Chs. on deep bite, open bite and crossbite · [6]

Additional

- Sassouni V. A classification of skeletal facial types. *Am J Orthod*. 1969;55(2):109–23.
- Millett DT, Cunningham SJ, O'Brien KD, Benson PE, de Oliveira CM. Orthodontic treatment for deep bite and retroclined upper front teeth in children. *Cochrane Database Syst Rev*. 2018;2:CD005972.

- Greenlee GM, Huang GJ, Chen SS, Chen J, Koepsell T, Hujoel P. Stability of treatment for anterior open-bite malocclusion: a meta-analysis. *Am J Orthod Dentofacial Orthop.* 2011;139(2):154–69.
- Agostino P, Ugolini A, Signori A, Silvestrini-Biavati A, Harrison JE, Riley P. Orthodontic treatment for posterior crossbites. *Cochrane Database Syst Rev.* 2014;8:CD000979.
- Haas AJ. Rapid expansion of the maxillary dental arch and nasal cavity by opening the midpalatal suture. *Angle Orthod.* 1961;31(2):73–90.
- McNamara JA Jr. Maxillary transverse deficiency. *Am J Orthod Dentofacial Orthop.* 2000;117(5):567–70.
- Lagravère MO, Major PW, Flores-Mir C. Long-term skeletal changes with rapid maxillary expansion: a systematic review. *Angle Orthod.* 2005;75(6):1046–52.

Chapter 10 — Orthodontic Extractions and Space Management

10.1 Indications for orthodontic extractions • 10.2 Extraction patterns • 10.3 Space closure mechanics

Core texts: [1] Chs. on orthodontic treatment planning (the extraction decision) and the second stage of comprehensive treatment (space closure) • [2] Chs. on extraction versus non-extraction and space closure biomechanics • [3] Chs. on treatment planning and space closure • [4] Ch. on space management and extractions • [5] Chs. on extractions in orthodontics and space closure • [6] • [8]

Additional

- Proffit WR. Forty-year review of extraction frequencies at a university orthodontic clinic. *Angle Orthod.* 1994;64(6):407–14.
- Dewel BF. Serial extraction in orthodontics: indications, objectives, and treatment procedures. *Am J Orthod.* 1954;40(12):906–26.
- Burstone CJ, Koenig HA. Optimizing anterior and canine retraction. *Am J Orthod.* 1976;70(1):1–19.
- Ribeiro GLU, Jacob HB. Understanding the basis of space closure in orthodontics for a more efficient orthodontic treatment. *Dental Press J Orthod.* 2016;21(2):115–25.
- Kusy RP, Whitley JQ. Friction between different wire-bracket configurations and materials. *Semin Orthod.* 1997;3(3):166–77.
- Kokich VG, Shapiro PA. Lower incisor extraction in orthodontic treatment: four clinical reports. *Angle Orthod.* 1984;54(2):139–53.
- Bishara SE, Cummins DM, Zaher AR. Treatment and posttreatment changes in patients with Class II, Division 1 malocclusion after extraction and nonextraction treatment. *Am J Orthod Dentofacial Orthop.* 1997;111(1):18–27.

Chapter 11 — Impacted Teeth and Eruption Disturbances

11.1 Eruption disturbances • 11.2 Impacted canines • 11.3 Other impacted teeth

Core texts: [1] Chs. on the later stages of development (eruption problems) and on special problems in orthodontic treatment (impacted teeth) • [2] Ch. on the management of impacted teeth • [3] Ch. on canines and other eruption disturbances • [4] Ch. on impacted teeth • [5] Ch. on impacted and unerupted teeth • [16]

Additional

- Husain J, Burden D, McSherry P, Morris D, Allen M. Management of the Palatally Ectopic Maxillary Canine. Clinical guideline. London: Faculty of Dental Surgery, Royal College of Surgeons of England; 2016. Available from: <https://www.rcseng.ac.uk>
- Ericson S, Kurol J. Radiographic examination of ectopically erupting maxillary canines. *Am J Orthod Dentofacial Orthop.* 1987;91(6):483–92.
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- Parkin N, Benson PE, Thind B, Shah A, Khalil I, Ghafoor S. Open versus closed surgical exposure of canine teeth that are displaced in the roof of the mouth. *Cochrane Database Syst Rev.* 2017;8:CD006966.

- Kokich VG. Surgical and orthodontic management of impacted maxillary canines. *Am J Orthod Dentofacial Orthop.* 2004;126(3):278–83.
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- Suri L, Gagari E, Vastardis H. Delayed tooth eruption: pathogenesis, diagnosis, and treatment. A literature review. *Am J Orthod Dentofacial Orthop.* 2004;126(4):432–45.

Chapter 12 — Craniofacial Anomalies and Cleft Orthodontics

12.1 Cleft lip and palate overview · 12.2 Orthodontic management in cleft patients · 12.3 Craniofacial syndromes awareness

Core texts: [1] Chs. on the early stages of development and on special problems in orthodontic treatment (cleft lip and palate) · [2] Ch. on cleft lip and palate and craniofacial anomalies · [3] Ch. on cleft lip and palate and other craniofacial anomalies · [4] Ch. on cleft lip and palate · [5] Ch. on cleft lip and palate · [9] · [11] Ch. on craniofacial anomalies

Additional

- Berkowitz S, editor. *Cleft Lip and Palate: Diagnosis and Management*. 3rd ed. Berlin: Springer; 2013.
- Cobourne MT, editor. *Cleft Lip and Palate: Epidemiology, Aetiology and Treatment*. *Frontiers of Oral Biology*, vol. 16. Basel: Karger; 2012.
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- Semb G, Brattström V, Mølsted K, Prah Andersen B, Shaw WC. The Eurocleft study: intercenter study of treatment outcome in patients with complete cleft lip and palate. Part 1: introduction and treatment experience. *Cleft Palate Craniofac J.* 2005;42(1):64–8.
- Sandy J, Williams A, Mildinhal S, Murphy T, Bearn D, Shaw B, et al. The Clinical Standards Advisory Group (CSAG) Cleft Lip and Palate Study. *Br J Orthod.* 1998;25(1):21–30.
- American Cleft Palate-Craniofacial Association. Parameters for evaluation and treatment of patients with cleft lip/palate or other craniofacial differences. *Cleft Palate Craniofac J.* 2018;55(1):137–56.

Chapter 13 — Orthodontics and Multidisciplinary Dentistry

13.1 Orthodontic–periodontal interface · 13.2 Orthodontic–prosthodontic interface · 13.3 Orthodontic–endodontic interface · 13.4 Orthodontic–surgical interface

Core texts: [1] Chs. on adjunctive treatment for adults, combined surgical and orthodontic treatment, and special problems (root resorption, trauma) · [2] Chs. on adult and interdisciplinary orthodontics, periodontal-orthodontic interactions and orthognathic surgery · [3] Chs. on adult orthodontics and orthognathic surgery · [4] Ch. on adult orthodontics · [8] Chs. on interdisciplinary aesthetics · [11]

Additional

- Kokich VG. Esthetics: the orthodontic-periodontic restorative connection. *Semin Orthod.* 1996;2(1):21–30.
- Zachrisson BU. Clinical implications of recent orthodontic-periodontic research findings. *Semin Orthod.* 1996;2(1):4–12.
- Melsen B, Agerbaek N, Markenstam G. Intrusion of incisors in adult patients with marginal bone loss. *Am J Orthod Dentofacial Orthop.* 1989;96(3):232–41.
- Kindelan SA, Day PF, Kindelan JD, Spencer JR, Duggal MS. Dental trauma: an overview of its influence on the management of orthodontic treatment. Part 1. *J Orthod.* 2008;35(2):68–78.
- Weltman B, Vig KWL, Fields HW, Shanker S, Kaizar EE. Root resorption associated with orthodontic tooth movement: a systematic review. *Am J Orthod Dentofacial Orthop.* 2010;137(4):462–76.
- Wilcko WM, Wilcko T, Bouquot JE, Ferguson DJ. Rapid orthodontics with alveolar reshaping: two case reports of decrowding. *Int J Periodontics Restorative Dent.* 2001;21(1):9–19.

- Spear FM, Kokich VG, Mathews DP. Interdisciplinary management of anterior dental esthetics. *J Am Dent Assoc.* 2006;137(2):160–9.

Chapter 14 — Orthodontic Retention and Relapse

14.1 Principles of retention · 14.2 Removable retainers · 14.3 Fixed retainers · 14.4 Relapse management

Core texts: [1] Ch. on retention · [2] Ch. on stability, retention and relapse · [3] Ch. on retention · [4] Ch. on retention and stability · [5] Ch. on retention and relapse · [6]

Additional

- Littlewood SJ, Millett DT, Doubleday B, Bearn DR, Worthington HV. Retention procedures for stabilising tooth position after treatment with orthodontic braces. *Cochrane Database Syst Rev.* 2016;1:CD002283.
- Johnston CD, Littlewood SJ. Retention in orthodontics. *Br Dent J.* 2015;218(3):119–22.
- Little RM. Stability and relapse of dental arch alignment. *Br J Orthod.* 1990;17(3):235–41.
- Reitan K. Tissue rearrangement during retention of orthodontically rotated teeth. *Angle Orthod.* 1959;29(2):105–13.
- Edwards JG. A long-term prospective evaluation of the circumferential supracrestal fiberotomy in alleviating orthodontic relapse. *Am J Orthod Dentofacial Orthop.* 1988;93(5):380–7.
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- Renkema AM, Renkema A, Bronkhorst E, Katsaros C. Long-term effectiveness of canine-to-canine bonded flexible spiral wire lingual retainers. *Am J Orthod Dentofacial Orthop.* 2011;139(5):614–21.
- Zachrisson BU. Important aspects of long-term stability. *J Clin Orthod.* 1997;31(9):562–83.

Chapter 15 — Orthodontic Complications and Risks

15.1 Biological complications · 15.2 Mechanical complications · 15.3 TMJ and functional considerations

Core texts: [1] Chs. on special problems in orthodontic treatment and on the biologic basis of orthodontic therapy (root resorption) · [2] Chs. on iatrogenic effects, enamel demineralisation and temporomandibular disorders · [3] Ch. on risks and benefits of orthodontic treatment · [4] Ch. on complications of orthodontic treatment · [5] Ch. on iatrogenic damage · [17]

Additional

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Chapter 16 — Clear Aligners and Contemporary Orthodontics

16.1 Principles of clear aligner therapy · 16.2 Indications and limitations · 16.3 Contemporary orthodontic technologies awareness

Core texts: [1] Ch. on contemporary orthodontic appliances (clear aligners and digital technology) · [2] Chs. on clear aligner therapy, digital orthodontics and 3D imaging · [3] Ch. on aligners and adult orthodontics · [4] Ch. on contemporary appliances · [10] Chs. on 3-D imaging

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Chapter 17 — Ethics, Consent and Professionalism in Orthodontics

17.1 Consent in orthodontics · 17.2 Communication and patient management · 17.3 Professionalism and referral

Core texts: [1] Chs. on orthodontic treatment planning (informed consent and the patient's role) · [2] Ch. on evidence-based orthodontics · [3] Chs. on treatment planning, consent and the orthodontic patient · [4] Chs. on the orthodontic assessment and treatment planning · [15] · [16] · [17] · [18] · [19]

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