Preclinical Prosthodontics

Year 2 — Bachelor of Dental Surgery

Reference and Resource List — Chapters 1 to 20

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 texts — complete denture prosthodontics

1. Zarb GA, Hobkirk JA, Eckert SE, Jacob RF. Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Prostheses. 13th ed. St Louis: Mosby Elsevier; 2013.
2. Basker RM, Davenport JC, Thomason JM. Prosthetic Treatment of the Edentulous Patient. 5th ed. Chichester: Wiley-Blackwell; 2011.
3. Rahn AO, Ivanhoe JR, Plummer KD. Textbook of Complete Dentures. 6th ed. Shelton (CT): People's Medical Publishing House; 2009.
4. Winkler S. Essentials of Complete Denture Prosthodontics. 2nd ed. New Delhi: AITBS Publishers; 2009.
5. MacEntee MI. The Complete Denture: A Clinical Pathway. Chicago: Quintessence Publishing; 1999.

1.2 Principal texts — removable partial prosthodontics

6. Lang LA, García LT, Mahrous A, editors. McCracken's Removable Partial Prosthodontics. 14th ed. St Louis: Elsevier; 2026. (Preceding edition: Carr AB, Brown DT. 13th ed. St Louis: Elsevier; 2016.)
7. Phoenix RD, Cagna DR, DeFreest CF. Stewart's Clinical Removable Partial Prosthodontics. 4th ed. Chicago: Quintessence Publishing; 2008.
8. Davenport JC, Basker RM, Heath JR, Ralph JP, Glantz P-O, Hammond P. A Clinical Guide to Removable Partial Dentures. London: British Dental Journal Books; 2000.
9. Davenport JC, Basker RM, Heath JR. A Clinical Guide to Removable Partial Denture Design. London: British Dental Journal Books; 2000.
10. Krol AJ, Jacobson TE, Finzen FC. Removable Partial Denture Design: Outline Syllabus. 5th ed. San Rafael (CA): Indent; 1999.

1.3 Comprehensive prosthodontic texts (both parts of the course)

11. Rangarajan V, Padmanabhan TV. Textbook of Prosthodontics. 3rd ed. New Delhi: Elsevier India; 2024.
12. Nallaswamy D, editor. Textbook of Prosthodontics. 2nd ed. New Delhi: Jaypee Brothers Medical Publishers; 2017.

1.4 Dental materials and laboratory technology

13. Shen C, Rawls HR, Esquivel-Upshaw JF, editors. Phillips' Science of Dental Materials. 13th ed. St Louis: Elsevier; 2021.
14. Pfeifer CS, Ferracane JL, Sakaguchi RL, editors. Craig's Restorative Dental Materials. 15th ed. St Louis: Elsevier; 2025.
15. van Noort R, Barbour ME. Introduction to Dental Materials. 5th ed. Edinburgh: Elsevier; 2023.
16. McCabe JF, Walls AWG. Applied Dental Materials. 9th ed. Oxford: Wiley-Blackwell; 2008.

1.5 Anatomy, occlusion and applied oral biology

17. Berkovitz BKB, Holland GR, Moxham BJ. Oral Anatomy, Histology and Embryology. 5th ed. Edinburgh: Elsevier; 2017.
18. Standring S, editor. Gray's Anatomy: The Anatomical Basis of Clinical Practice. 42nd ed. Amsterdam: Elsevier; 2020.
19. Okeson JP. Clinical Management of Temporomandibular Disorders and Occlusion. 9th ed. St Louis: Elsevier; 2026.
20. Wassell R, Naru A, Steele J, Nohl F. Applied Occlusion. 2nd ed. London: Quintessence Publishing; 2015.
21. Klineberg I, Eckert SE, editors. Functional Occlusion in Restorative Dentistry and Prosthodontics. Edinburgh: Mosby Elsevier; 2016.

1.6 Terminology, classification and standards

22. Layton DM, editor. The Glossary of Prosthodontic Terms 2023. 10th ed. J Prosthet Dent. 2023;130(4S1):e1–e126.
23. McGarry TJ, Nimmo A, Skiba JF, Ahlstrom RH, Smith CR, Koumjian JH. Classification system for complete edentulism. J Prosthodont. 1999;8(1):27–39.
24. McGarry TJ, Nimmo A, Skiba JF, et al. Classification system for partial edentulism. J Prosthodont. 2002;11(3):181–93.
25. Cawood JI, Howell RA. A classification of the edentulous jaws. Int J Oral Maxillofac Surg. 1988;17(4):232–6.
26. International Organization for Standardization. ISO 20795-1 Dentistry — Base polymers — Part 1: Denture base polymers. Geneva: ISO. Available from: https://www.iso.org
27. International Organization for Standardization. ISO 22112 Dentistry — Artificial teeth for dental prostheses. Geneva: ISO. Available from: https://www.iso.org
28. International Organization for Standardization. ISO 10139-2 Dentistry — Soft lining materials for removable dentures — Part 2: Materials for long-term use. Geneva: ISO. Available from: https://www.iso.org
29. International Organization for Standardization. ISO 6873 Dentistry — Gypsum products. Geneva: ISO. Available from: https://www.iso.org
30. International Organization for Standardization. ISO 4823 Dentistry — Elastomeric impression and bite registration materials. Geneva: ISO. Available from: https://www.iso.org
31. International Organization for Standardization. ISO 21563 Dentistry — Hydrocolloid impression materials. Geneva: ISO. Available from: https://www.iso.org
32. International Organization for Standardization. ISO 22674 Dentistry — Metallic materials for fixed and removable restorations and appliances. Geneva: ISO. Available from: https://www.iso.org
33. International Organization for Standardization. ISO 15854 Dentistry — Casting and baseplate waxes. Geneva: ISO. Available from: https://www.iso.org

1.7 Guidelines, professional and regulatory sources

34. Felton D, Cooper L, Duqum I, Minsley G, Guckes A, Haug S, et al. Evidence-based guidelines for the care and maintenance of complete dentures: a publication of the American College of Prosthodontists. J Prosthodont. 2011;20(Suppl 1):S1–S12.
35. National Institute for Health and Care Excellence. Oral health for adults in care homes. NICE guideline NG48. London: NICE; 2016. Available from: https://www.nice.org.uk/guidance/ng48
36. Office for Health Improvement and Disparities. Delivering better oral health: an evidence-based toolkit for prevention. London: OHID. Available from: https://www.gov.uk
37. General Dental Council. Standards for the Dental Team. London: GDC. Available from: https://www.gdc-uk.org
38. Department of Health. Health Technical Memorandum 01-05: decontamination in primary care dental practices. London: Department of Health.
39. American College of Prosthodontists. Position statements and parameters of care. Chicago: ACP. Available from: https://www.prosthodontics.org

1.8 Key journals

The Journal of Prosthetic Dentistry · Journal of Prosthodontics · The International Journal of Prosthodontics · Journal of Oral Rehabilitation · European Journal of Prosthodontics and Restorative Dentistry · British Dental Journal · Journal of Dentistry · The Journal of the Indian Prosthodontic Society · Journal of Dental Research · Gerodontology

PART 2 — CHAPTER-SPECIFIC REFERENCES

Chapter 1 — Introduction to Complete Dentures

1.1 Definitions and scope · 1.2 Edentulism: causes and consequences · 1.3 Principles of denture support, retention and stability

Core texts: [1] Chs. 1–4 (the edentulous state; sequelae of wearing complete dentures) · [2] Chs. 1–3 · [3] Introductory chapters · [11] Section I, Ch. 1 · [12] Complete denture section, introductory chapters · [22] Definitions of terms used throughout the chapter

Additional

- Atwood DA. Reduction of residual ridges: a major oral disease entity. J Prosthet Dent. 1971;26(3):266–79.
- Tallgren A. The continuing reduction of the residual alveolar ridges in complete denture wearers: a mixed-longitudinal study covering 25 years. J Prosthet Dent. 1972;27(2):120–32.
- Carlsson GE. Clinical morbidity and sequelae of treatment with complete dentures. J Prosthet Dent. 1998;79(1):17–23.
- Felton DA. Edentulism and comorbid factors. J Prosthodont. 2009;18(2):88–96.
- Douglass CW, Shih A, Ostry L. Will there be a need for complete dentures in the United States in 2020? J Prosthet Dent. 2002;87(1):5–8.

Chapter 2 — Anatomy of the Edentulous Mouth

2.1 Maxillary landmarks · 2.2 Mandibular landmarks · 2.3 Muscles affecting denture borders

Core texts: [1] Ch. 8 (analogues/substitutes for the denture-bearing area) · [2] Chs. on the denture-bearing tissues · [17] Oral mucosa, muscles of mastication and facial musculature · [18] Head and neck sections · [3] Ch. on anatomy of the edentulous mouth · [11] Section I

Additional

- Cawood JI, Howell RA. Reconstructive preprosthetic surgery. I. Anatomical considerations. Int J Oral Maxillofac Surg. 1991;20(2):75–82.
- Grant AA, Johnson W. An Introduction to Removable Denture Prosthetics. 2nd ed. Edinburgh: Churchill Livingstone; 1992.
- Halperin AR, Graser GN, Rogoff GS, Plekavich EJ. Mastering the Art of Complete Dentures. Chicago: Quintessence Publishing; 1988.
- Watt DM, MacGregor AR. Designing Complete Dentures. 2nd ed. Bristol: Wright; 1986.

Chapter 3 — Diagnosis, Examination and Treatment Planning (Preclinical Orientation)

3.1 History and patient factors · 3.2 Examination of ridges and soft tissues · 3.3 Prognosis and case difficulty · 3.4 Pre-prosthetic preparation

Core texts: [1] Ch. 5 (history taking, treatment planning and improving denture-bearing areas) and Ch. 6 · [2] Chs. on assessment and treatment planning · [11] Section I, Ch. 2 · [23] and [25] for classifying the edentulous case · [37] record-keeping and consent standards

Additional

- Cawood JI, Howell RA. Reconstructive preprosthetic surgery. I. Anatomical considerations. Int J Oral Maxillofac Surg. 1991;20(2):75–82.
- Fenlon MR, Sherriff M. An investigation of factors influencing patients' satisfaction with new complete dentures using structural equation modelling. J Dent. 2008.
- Carlsson GE, Omar R. The future of complete dentures in oral rehabilitation: a critical review. J Oral Rehabil. 2010.
- Owall B, Käyser AF, Carlsson GE. Prosthodontics: Principles and Management Strategies. London: Mosby-Wolfe; 1996.

Chapter 4 — Impression Philosophy and Materials (Complete Dentures)

4.1 Goals of impressions · 4.2 Impression techniques · 4.3 Primary impressions · 4.4 Custom trays · 4.5 Border molding · 4.6 Final impressions

Core texts: [1] Ch. 8 · [2] Chs. on primary and secondary impressions · [11] Section I, Ch. 4 · [13] Chs. on impression materials and gypsum products · [15] Ch. on impression materials · [30], [31] material specifications

Additional

- Petrie CS, Walker MP, Williams K. A survey of U.S. prosthodontists and dental schools on the current materials and methods for final impressions for complete denture prosthodontics. J Prosthodont. 2005;14(4):253–62.
- Jayaraman S, Singh BP, Ramanathan B, Pazhaniappan Pillai M, MacDonald L, Kirubakaran R. Final-impression techniques and materials for making complete and removable partial dentures. Cochrane Database Syst Rev. 2018.
- International Organization for Standardization. ISO 21563 and ISO 4823 (see [30], [31]) for the properties and handling of hydrocolloid and elastomeric impression materials.
- Department of Health. Health Technical Memorandum 01-05: decontamination in primary care dental practices — handling and disinfection of impressions before dispatch to the laboratory (see [38]).

Chapter 5 — Master Casts, Record Bases and Occlusion Rims

5.1 Master cast preparation · 5.2 Record base requirements · 5.3 Occlusion rims

Core texts: [1] Ch. 9 (the dentures' polished surfaces; recording jaw relations) · [2] Chs. on registration blocks · [11] Section I, Ch. 5 (record bases and occlusal rims) · [13] Ch. on gypsum products · [29] and [33] material specifications

Additional

- Halperin AR, Graser GN, Rogoff GS, Plekavich EJ. Mastering the Art of Complete Dentures. Chicago: Quintessence Publishing; 1988.
- Watt DM, MacGregor AR. Designing Complete Dentures. 2nd ed. Bristol: Wright; 1986.
- Neill DJ, Nairn RI. Complete Denture Prosthetics. 3rd ed. Bristol: Wright; 1990.

Chapter 6 — Jaw Relation Records

6.1 Orientation relation · 6.2 Vertical jaw relation · 6.3 Centric relation · 6.4 Mounting on an articulator

Core texts: [1] Ch. 9 · [2] Chs. on recording jaw relationships · [11] Section I, Chs. 6–7 (maxillomandibular relations; articulation) · [19] Chs. on centric relation and mandibular movement · [20] Chs. on recording jaw relationships · [22] definitions of centric relation, vertical dimension and rest position

Additional

- Silverman MM. The speaking method in measuring vertical dimension. J Prosthet Dent. 1953.
- Niswonger ME. The rest position of the mandible and the centric relation. J Am Dent Assoc. 1934.
- Pound E. Utilizing speech to simplify a personalized denture service. J Prosthet Dent. 1970.
- Wassell R, Naru A, Steele J, Nohl F. Applied Occlusion. 2nd ed. London: Quintessence Publishing; 2015 (see [20]) — chapters on recording and transferring jaw relationships.

Chapter 7 — Selection and Arrangement of Teeth

7.1 Tooth selection · 7.2 Anterior teeth arrangement · 7.3 Posterior teeth arrangement · 7.4 Occlusal schemes

Core texts: [1] Ch. 10 (the occlusal surfaces: selection and arrangement of prosthetic teeth) · [2] Chs. on tooth selection and arrangement · [11] Section I, Chs. 9–10 · [19] Chs. on occlusal schemes · [27] artificial tooth specification · [22] definitions of balanced, lingualized and monoplane occlusion

Additional

- Beresin VE, Schiesser FJ. The neutral zone in complete dentures. J Prosthet Dent. 1976;36(4):356–67.
- Pound E. Utilizing speech to simplify a personalized denture service. J Prosthet Dent. 1970.

- Sutton AF, McCord JF. A randomized clinical trial comparing anatomic, lingualized, and zero-degree posterior occlusal forms for complete dentures. J Prosthet Dent. 2007;97(5):292–8.
- Kawai Y, Murakami H, Takanashi Y, Lund JP, Feine JS. Efficient resource use in simplified complete denture fabrication. J Prosthodont. 2010.

Chapter 8 — Try-in Procedures

8.1 Verification checklist · 8.2 Common errors at try-in

Core texts: [1] Ch. 11 (the try-in appointment) · [2] Chs. on the trial denture stage · [11] Section I, Ch. 11 · [19] Chs. on occlusal examination · [20] Chs. on checking the occlusion

Additional

- Silverman MM. The speaking method in measuring vertical dimension. J Prosthet Dent. 1953.
- Pound E. Utilizing speech to simplify a personalized denture service. J Prosthet Dent. 1970.
- Halperin AR, Graser GN, Rogoff GS, Plekavich EJ. Mastering the Art of Complete Dentures. Chicago: Quintessence Publishing; 1988.
- Neill DJ, Nairn RI. Complete Denture Prosthetics. 3rd ed. Bristol: Wright; 1990.

Chapter 9 — Denture Processing (Laboratory Procedures)

9.1 Flasking and investing · 9.2 Dewaxing and packing · 9.3 Curing cycles · 9.4 Deflasking and finishing · 9.5 Processing errors

Core texts: [1] Ch. 7 (materials used in the management of edentulous patients) · [11] Section I, Ch. 12 (processing and remounting) · [13] Chs. on polymers and denture base resins · [14] Ch. on polymers · [15] Ch. on denture base materials · [26], [29], [33] material specifications

Additional

- Denture base polymers — polymerization shrinkage, gaseous and contraction porosity, and dimensional change on processing. In: Phillips' Science of Dental Materials (see [13]) and Craig's Restorative Dental Materials (see [14]).
- Rudd RW, Rudd KD. A review of 243 errors possible during the fabrication of a removable partial denture. J Prosthet Dent. 2001.
- Zissis AJ, Polyzois GL, Yannikakis SA, Harrison A. Roughness of denture materials: a comparative study. Int J Prosthodont. 2000;13(2):136–40.
- International Organization for Standardization. ISO 20795-1 (see [26]) — requirements for heat-polymerized and autopolymerized denture base polymers, including residual monomer limits.

Chapter 10 — Insertion, Adjustments and Post-Insertion Care

10.1 Insertion appointment checks · 10.2 Post-insertion instructions · 10.3 Common post-insertion problems

Core texts: [1] Ch. 12 (prosthesis insertion and follow-up appointments) · [2] Chs. on insertion, review and denture-induced problems · [11] Section I, Chs. 13–14 · [34] denture care and maintenance · [35] oral care for dependent adults

Additional

- Gendreau L, Loewy ZG. Epidemiology and etiology of denture stomatitis. J Prosthodont. 2011;20(4):251–60.
- Newton AV. Denture sore mouth: a possible etiology. Br Dent J. 1962.
- Emami E, de Grandmont P, Rompré PH, Barbeau J, Pan S, Feine JS. Favoring trauma as an etiological factor in denture stomatitis. J Dent Res. 2008;87(5):440–4.
- Papadiochou S, Polyzois G. Hygiene practices in removable prosthodontics: a systematic review. Int J Dent Hyg. 2018.
- Felton D, et al. Evidence-based guidelines for the care and maintenance of complete dentures (see [34]) — the 15 consensus recommendations on cleaning, overnight removal and recall.

Chapter 11 — Introduction to Removable Partial Dentures

11.1 Definitions and indications · 11.2 Components of an RPD

Core texts: [6] Part I, Chs. 1–2 and the component chapters · [7] Chs. 1–3 · [8] Chs. on indications and components · [11] Section II, Chs. 18–21 · [12] RPD section · [22] component terminology

Additional

- Davenport JC, Basker RM, Heath JR, Ralph JP, Glantz P-O, Hammond P. Removable partial dentures: an introduction. Br Dent J. 2000;189(7):363–8.
- Jepson NJA. Removable Partial Dentures. London: Quintessence Publishing; 2004.
- Wostmann B, Budtz-Jørgensen E, Jepson N, Mushimoto E, Palmqvist S, Sofou A, et al. Indications for removable partial dentures: a literature review. Int J Prosthodont. 2005;18(2):139–45.
- Carlsson GE, Omar R. Trends in prosthodontics. Med Princ Pract. 2006.

Chapter 12 — Classification of Partial Edentulism

12.1 Kennedy classification · 12.2 Support types

Core texts: [6] Ch. 3 (classification of partially edentulous arches) · [7] Ch. 1 (introduction and classification) · [11] Section II, Ch. 20 · [24] ACP classification system for partial edentulism · [22] definitions of Kennedy class and modification space

Additional

- Kennedy E. Partial denture construction. Dental Items of Interest; 1925.
- Applegate OC. The rationale of partial denture choice. J Prosthet Dent. 1960.
- Miller EL. Systems for classifying partially dentulous arches. J Prosthet Dent. 1970.
- McGarry TJ, Nimmo A, Skiba JF, et al. Classification system for partial edentulism (see [24]) — for comparison with Kennedy's topographic system.

Chapter 13 — RPD Design Principles

13.1 Biomechanics of RPDs · 13.2 Surveying · 13.3 Mouth preparation concepts

Core texts: [6] Chs. on biomechanics, surveying and mouth preparations · [7] Chs. 4–6 · [9] whole volume (design procedure and design statements) · [10] design syllabus · [11] Section II, Chs. 22–24 · [19] occlusal considerations in design

Additional

- Davenport JC, Basker RM, Heath JR, Ralph JP, Glantz P-O. Removable partial dentures: the biomechanics and the design process. Br Dent J. 2000–2001 (series).
- Kratochvil FJ. Influence of occlusal rest position and clasp design on movement of abutment teeth. J Prosthet Dent. 1963.
- Bergman B, Hugoson A, Olsson CO. A 25 year longitudinal study of patients treated with removable partial dentures. J Oral Rehabil. 1995;22(8):595–9.
- Preshaw PM, Walls AWG, Jakubovics NS, Moynihan PJ, Jepson NJ, Loewy Z. Association of removable partial denture use with oral and systemic health. J Dent. 2011;39(11):711–19.

Chapter 14 — Major Connectors

14.1 Maxillary major connectors · 14.2 Mandibular major connectors

Core texts: [6] Ch. on major and minor connectors · [7] Ch. 2 (major connectors, minor connectors, rests and rest seats) · [9] design chapters on connector selection · [11] Section II, Ch. 21 · [32] framework alloy specification

Additional

- Davenport JC, Basker RM, Heath JR, Ralph JP, Glantz P-O. Removable partial dentures: connectors. Br Dent J. 2001.

- Ben-Ur Z, Mijiritsky E, Gorfil C, Brosh T. Stiffness of different designs and cross-sections of maxillary and mandibular major connectors of removable partial dentures. J Prosthet Dent. 1999;81(5):526–32.
- Jepson NJA. Removable Partial Dentures. London: Quintessence Publishing; 2004.
- International Organization for Standardization. ISO 22674 (see [32]) — classification of metallic materials by yield strength and elongation for cast frameworks.

Chapter 15 — Minor Connectors, Rests and Indirect Retainers

15.1 Minor connectors · 15.2 Rests and rest seats · 15.3 Indirect retention

Core texts: [6] Chs. on rests and rest seats and on indirect retainers · [7] Chs. 2–3 · [9] design chapters on support and indirect retention · [10] outline syllabus · [11] Section II, Ch. 21

Additional

- Frank RP, Nicholls JI. An investigation of the effectiveness of indirect retainers. J Prosthet Dent. 1977.
- Kratochvil FJ. Influence of occlusal rest position and clasp design on movement of abutment teeth. J Prosthet Dent. 1963.
- Davenport JC, Basker RM, Heath JR, Ralph JP, Glantz P-O. Removable partial dentures: support and retention. Br Dent J. 2001.
- Rudd RW, Rudd KD. A review of 243 errors possible during the fabrication of a removable partial denture. J Prosthet Dent. 2001.

Chapter 16 — Direct Retainers (Clasp Assemblies)

16.1 Principles of clasp design · 16.2 Types of clasps · 16.3 RPI and RPA concepts

Core texts: [6] Chs. on direct retainers and on clasp design · [7] Ch. 3 (direct retainers, indirect retainers and tooth replacements) · [9] design chapters on retention · [10] RPI system · [11] Section II, Ch. 21 · [32] alloy flexibility and yield strength

Additional

- Krol AJ. Clasp design for extension-base removable partial dentures. J Prosthet Dent. 1973.
- Kratochvil FJ. Influence of occlusal rest position and clasp design on movement of abutment teeth. J Prosthet Dent. 1963.
- Sato Y, Tsuga K, Abe Y, Akagawa Y. Analysis of the retention and flexibility of cast circumferential clasps. Int J Prosthodont. 2001.
- Davenport JC, Basker RM, Heath JR, Ralph JP, Glantz P-O. Removable partial dentures: clasp design. Br Dent J. 2001.

Chapter 17 — Denture Bases and Materials (RPD)

17.1 Acrylic versus metal bases · 17.2 Retention of acrylic to the framework · 17.3 Impression techniques for distal extension RPDs

Core texts: [6] Chs. on denture base considerations and the altered cast technique · [7] Chs. on impression procedures for distal extension cases · [13] Chs. on polymers and cast alloys · [14] Ch. on polymers · [26], [28], [32] material specifications

Additional

- Leupold RJ, Flinton RJ, Pfeifer DL. Comparison of vertical movement occurring during loading of distal extension removable partial denture bases made by three impression techniques. J Prosthet Dent. 1992;68(2):290–3.
- Frank RP, Brudvik JS, Noonan CJ. Clinical outcome of the altered cast impression procedure compared with use of a one-piece cast. J Prosthet Dent. 2004;91(5):468–76.
- Zissis AJ, Polyzois GL, Yannikakis SA, Harrison A. Roughness of denture materials: a comparative study. Int J Prosthodont. 2000;13(2):136–40.

- International Organization for Standardization. ISO 20795-1 and ISO 10139-2 (see [26], [28]) for denture base and long-term soft lining materials.

Chapter 18 — Occlusion in Removable Partial Dentures

18.1 Occlusal considerations · 18.2 Setting of teeth on saddles

Core texts: [6] Ch. on occlusal relationships for removable partial dentures · [7] Chs. on occlusion and tooth replacement · [11] Section II occlusion chapters · [19] Chs. on occlusal stability and interferences · [20] Chs. on designing an occlusion · [21]

Additional

- Davenport JC, Basker RM, Heath JR, Ralph JP, Glantz P-O. Removable partial dentures: occlusion. Br Dent J. 2001.
- Kayser AF. Shortened dental arches and oral function. J Oral Rehabil. 1981;8(5):457–62.
- Witter DJ, van Palenstein Helderman WH, Creugers NHJ, Käyser AF. The shortened dental arch concept and its implications for oral health care. Community Dent Oral Epidemiol. 1999;27(4):249–58.
- Wassell R, Naru A, Steele J, Nohl F. Applied Occlusion. 2nd ed. London: Quintessence Publishing; 2015 (see [20]).

Chapter 19 — Laboratory Steps (RPD)

19.1 Cast preparation and duplication · 19.2 Framework fabrication · 19.3 Acrylic processing for RPDs

Core texts: [6] Chs. on laboratory procedures and framework fabrication · [7] Chs. on laboratory sequence · [11] Section II laboratory chapters · [13] Chs. on casting alloys, investments and polymers · [29], [32], [33] material specifications

Additional

- Rudd RW, Rudd KD. A review of 243 errors possible during the fabrication of a removable partial denture. J Prosthet Dent. 2001.
- Brudvik JS. Advanced Removable Partial Dentures. Chicago: Quintessence Publishing; 1999.
- Stern MA, Brudvik JS, Frank RP. Clinical evaluation of removable partial denture rest seat adaptation. J Prosthet Dent. 1985.
- International Organization for Standardization. ISO 22674 and ISO 6873 (see [32], [29]) for framework alloys and the gypsum products used for master and duplicate casts.

Chapter 20 — RPD Insertion, Adjustments and Maintenance

20.1 Insertion checks · 20.2 Patient instructions · 20.3 Common complications

Core texts: [6] Chs. on initial placement and maintenance · [7] Chs. on prosthesis placement and follow-up · [8] Chs. on fitting and review · [11] Section II maintenance chapters · [34] cleaning and recall · [35] oral care in dependent adults · [36] preventive advice

Additional

- Preshaw PM, Walls AWG, Jakubovics NS, Moynihan PJ, Jepson NJ, Loewy Z. Association of removable partial denture use with oral and systemic health. J Dent. 2011;39(11):711–19.
- Bergman B, Hugoson A, Olsson CO. A 25 year longitudinal study of patients treated with removable partial dentures. J Oral Rehabil. 1995;22(8):595–9.
- Vanzeveren C, D'Hoore W, Bercy P, Leloup G. Treatment with removable partial dentures: a longitudinal study. J Oral Rehabil. 2003.
- Papadiochou S, Polyzois G. Hygiene practices in removable prosthodontics: a systematic review. Int J Dent Hyg. 2018.
- Felton D, et al. Evidence-based guidelines for the care and maintenance of complete dentures (see [34]) — the cleaning and recall recommendations apply equally to partial denture wearers.

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