Community Dentistry IV

Year 5 — 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 sources 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 textbooks

1. Daly B, Batchelor P, Treasure E, Watt R, editors. Essential Dental Public Health. 2nd ed. Oxford: Oxford University Press; 2013.
2. Pine CM, Harris R, editors. Community Oral Health. 2nd ed. London: Quintessence Publishing; 2007.
3. Burt BA, Eklund SA. Dentistry, Dental Practice, and the Community. 6th ed. St Louis: Elsevier Saunders; 2005.
4. Bonita R, Beaglehole R, Kjellström T. Basic Epidemiology. 2nd ed. Geneva: World Health Organization; 2006.
5. Naidoo J, Wills J. Foundations for Health Promotion. 4th ed. London: Elsevier; 2016.
6. Glanz K, Rimer BK, Viswanath K, editors. Health Behavior: Theory, Research, and Practice. 5th ed. San Francisco: Jossey-Bass; 2015.
7. Greenhalgh T. How to Read a Paper: The Basics of Evidence-Based Medicine and Healthcare. 6th ed. Hoboken (NJ): Wiley-Blackwell; 2019.

1.2 Global and national oral health policy sources

8. World Health Organization. Global Oral Health Status Report: Towards Universal Health Coverage for Oral Health by 2030. Geneva: WHO; 2022. Available from: https://www.who.int
9. World Health Organization. Global Strategy on Oral Health. Geneva: WHO; 2022. Available from: https://www.who.int
10. World Health Organization. Oral Health Surveys: Basic Methods. 5th ed. Geneva: WHO; 2013.
11. Public Health England. Delivering Better Oral Health: An Evidence-Based Toolkit for Prevention. 4th ed. London: PHE; 2021. Available from: https://www.gov.uk
12. FDI World Dental Federation. Vision 2030: Delivering Optimal Oral Health for All. Geneva: FDI; 2021. Available from: https://www.fdiworlddental.org
13. Peres MA, Macpherson LMD, Weyant RJ, Daly B, Venturelli R, Mathur MR, et al. Oral diseases: a global public health challenge. Lancet. 2019;394(10194):249–60.
14. Watt RG, Daly B, Allison P, Macpherson LMD, Venturelli R, Listl S, et al. Ending the neglect of global oral health: time for radical action. Lancet. 2019;394(10194):261–72.

1.3 Professional standards and curricular sources

15. General Dental Council. Standards for the Dental Team. London: GDC; 2013. Available from: https://www.gdc-uk.org
16. General Dental Council. Preparing for Practice: Dental Team Learning Outcomes for Registration. London: GDC; 2015. Available from: https://www.gdc-uk.org
17. Dental Council of India. Bachelor of Dental Surgery (BDS) Course Regulations, 2007 (as amended). New Delhi: DCI.

1.4 Methods, guidelines and behaviour-change sources cited across chapters

18. Miller WR, Rollnick S. Motivational Interviewing: Helping People Change. 3rd ed. New York: Guilford Press; 2013.
19. Page MJ, McKenzie JE, Bossuyt PM, Boutron I, Hoffmann TC, Mulrow CD, et al. The PRISMA 2020 statement: an updated guideline for reporting systematic reviews. BMJ. 2021;372:n71.
20. Wright JT, Crall JJ, Fontana M, Gillette EJ, Novy BB, Dhar V, et al. Evidence-based clinical practice guideline for the use of pit-and-fissure sealants. J Am Dent Assoc. 2016;147(8):672–82.e12.
21. Centers for Disease Control and Prevention. Guidelines for infection control in dental health-care settings, 2003. MMWR Recomm Rep. 2003;52(RR-17):1–61.

1.5 Key journals for currency

Community Dentistry and Oral Epidemiology · Community Dental Health · Journal of Public Health Dentistry · International Dental Journal · Bulletin of the World Health Organization · Journal of Dental Research · British Dental Journal · BMC Oral Health · The Lancet

PART 2 — CHAPTER-SPECIFIC REFERENCES

Chapter 1 — Advanced Concepts in Dental Public Health

1.1 Scope of dental public health · 1.2 Determinants of oral health · 1.3 Oral health inequalities · 1.4 Global oral health burden

Core references: [1] Chs. on the principles of dental public health, determinants of health and inequalities · [2] Chs. on the scope of community oral health · [3] · [8] · [13] · [14]

Additional

- World Health Organization. Social Determinants of Health [Internet]. Geneva: WHO [cited 2026 Sep 17]. Available from: https://www.who.int/health-topics/social-determinants-of-health

Chapter 2 — Epidemiology of Oral Diseases

2.1 Principles of oral epidemiology · 2.2 Dental caries epidemiology · 2.3 Periodontal disease epidemiology · 2.4 Epidemiology of oral cancer and OPMDs · 2.5 Epidemiology of other oral conditions

Core references: [4] · [1] Chs. on the epidemiology of oral diseases · [3] Chs. on caries and periodontal epidemiology · [8] · [10] · [13]

Additional

- Petersen PE, Bourgeois D, Ogawa H, Estupinan-Day S, Ndiaye C. The global burden of oral diseases and risks to oral health. Bull World Health Organ. 2005;83(9):661–9.
- Kassebaum NJ, Smith AGC, Bernabe E, Fleming TD, Reynolds AE, Vos T, et al. Global, regional, and national prevalence, incidence, and disability-adjusted life years for oral conditions for 195 countries, 1990–2015: a systematic analysis for the Global Burden of Diseases, Injuries, and Risk Factors. J Dent Res. 2017;96(4):380–7.

Chapter 3 — Oral Health Indices and Measurement

3.1 Caries indices · 3.2 Periodontal indices · 3.3 Oral hygiene and treatment need indices · 3.4 Quality of life measures

Core references: [10] Sections on the DMFT/dmft, CPI and survey recording · [1] · [2] Chs. on measuring oral health · [3]

Additional

- Greene JC, Vermillion JR. The Simplified Oral Hygiene Index. J Am Dent Assoc. 1964;68:7–13.
- Löe H, Silness J. Periodontal disease in pregnancy. I. Prevalence and severity. Acta Odontol Scand. 1963;21:533–51.
- Silness J, Löe H. Periodontal disease in pregnancy. II. Correlation between oral hygiene and periodontal condition. Acta Odontol Scand. 1964;22:121–35.
- Ismail AI, Sohn W, Tellez M, Amaya A, Sen A, Hasson H, et al. The International Caries Detection and Assessment System (ICDAS): an integrated system for measuring dental caries. Community Dent Oral Epidemiol. 2007;35(3):170–8.
- Bratthall D. Introducing the Significant Caries Index together with a proposal for a new global oral health goal for 12-year-olds. Int Dent J. 2000;50(6):378–84.

Chapter 4 — Research Methods in Community Dentistry

4.1 Study designs · 4.2 Sampling methods · 4.3 Data collection methods · 4.4 Bias, validity and reliability · 4.5 Research ethics

Core references: [4] Chs. on study design and bias · [7] · [1] Ch. on evidence-based dentistry and research methods · [19]

Additional

- Hulley SB, Cummings SR, Browner WS, Grady DG, Newman TB. Designing Clinical Research. 4th ed. Philadelphia: Wolters Kluwer; 2013.
- Gordis L. Epidemiology. 5th ed. Philadelphia: Elsevier Saunders; 2014.
- Higgins JPT, Thomas J, Chandler J, Cumpston M, Li T, Page MJ, et al., editors. Cochrane Handbook for Systematic Reviews of Interventions. 2nd ed. Chichester: Wiley-Blackwell; 2019.

Chapter 5 — Biostatistics for Dental Public Health

5.1 Descriptive statistics · 5.2 Inferential statistics · 5.3 Common statistical tests · 5.4 Measures of association

Core references: [4] Chs. on measuring health and disease and on data analysis · [1] Ch. on biostatistics

Additional

- Kirkwood BR, Sterne JAC. Essential Medical Statistics. 2nd ed. Oxford: Blackwell Science; 2003.
- Petrie A, Sabin C. Medical Statistics at a Glance. 4th ed. Hoboken (NJ): Wiley-Blackwell; 2020.
- Altman DG. Practical Statistics for Medical Research. London: Chapman and Hall; 1991.
- Bland M. An Introduction to Medical Statistics. 4th ed. Oxford: Oxford University Press; 2015.
- Campbell MJ, Machin D, Walters SJ. Medical Statistics: A Textbook for the Health Sciences. 4th ed. Chichester: Wiley; 2007.

Chapter 6 — Oral Health Surveys and Needs Assessment

6.1 Planning oral health surveys · 6.2 WHO oral health survey methods · 6.3 Oral health needs assessment · 6.4 Service planning from survey data

Core references: [10] · [2] Chs. on needs assessment and planning · [1] Ch. on oral health needs assessment · [3]

Additional

- Wright J, Williams R, Wilkinson JR. Development and importance of health needs assessment. BMJ. 1998;316(7140):1310–3.
- Bradshaw J. A taxonomy of social need. In: McLachlan G, editor. Problems and Progress in Medical Care: Essays on Current Research. 7th series. London: Oxford University Press; 1972. p. 71–82.
- World Health Organization. Oral Health in Ageing Societies: Integration of Oral Health and General Health. Geneva: WHO; 2006. Available from: https://www.who.int

Chapter 7 — Prevention of Dental Caries at Population Level

7.1 Fluoride in caries prevention · 7.2 Community water fluoridation · 7.3 School-based caries prevention · 7.4 Sugar reduction strategies

Core references: [11] Chs. on fluoride, diet and sugar reduction · [1] Chs. on caries prevention and fluoridation · [3] Chs. on fluoride and fluoridation · [20]

Additional

- Fejerskov O, Nyvad B, Kidd EAM, editors. Dental Caries: The Disease and Its Clinical Management. 3rd ed. Oxford: Wiley-Blackwell; 2015.
- Marinho VCC, Worthington HV, Walsh T, Clarkson JE. Fluoride varnishes for preventing dental caries in children and adolescents. Cochrane Database Syst Rev. 2013;(7):CD002279.
- Iheozor-Ejiofor Z, Worthington HV, Walsh T, O'Malley L, Clarkson JE, Macey R, et al. Water fluoridation for the prevention of dental caries. Cochrane Database Syst Rev. 2015;(6):CD010856.
- Centers for Disease Control and Prevention. Recommendations for using fluoride to prevent and control dental caries in the United States. MMWR Recomm Rep. 2001;50(RR-14):1–42.

Chapter 8 — Prevention of Periodontal Disease at Population Level

8.1 Plaque control strategies · 8.2 Tobacco control and periodontal health · 8.3 Diabetes and periodontal health promotion · 8.4 Community periodontal programmes

Core references: [11] Chs. on periodontal disease and tobacco · [1] Ch. on periodontal disease prevention · [3]

Additional

- Chapple ILC, Mealey BL, Van Dyke TE, Bartold PM, Dommisch H, Eickholz P, et al. Periodontal health and gingival diseases and conditions on an intact and a reduced periodontium: consensus report of workgroup 1 of the 2017 World Workshop. J Periodontol. 2018;89 Suppl 1:S74–84.
- Tonetti MS, Greenwell H, Kornman KS. Staging and grading of periodontitis: framework and proposal of a new classification and case definition. J Periodontol. 2018;89 Suppl 1:S159–72.
- Sanz M, Herrera D, Kebschull M, Chapple I, Jepsen S, Berglundh T, et al. Treatment of stage I–III periodontitis — the EFP S3 level clinical practice guideline. J Clin Periodontol. 2020;47 Suppl 22:4–60.
- Scottish Dental Clinical Effectiveness Programme. Prevention and Treatment of Periodontal Diseases in Primary Care. 2nd ed. Dundee: SDCEP; 2024. Available from: https://www.sdcep.org.uk

- World Health Organization. WHO Report on the Global Tobacco Epidemic [Internet]. Geneva: WHO [cited 2026 Sep 17]. Available from: https://www.who.int/teams/health-promotion/tobacco-control/global-tobacco-report

Chapter 9 — Oral Cancer Prevention and Screening

9.1 Risk factors for oral cancer · 9.2 Oral cancer prevention · 9.3 Screening and early detection · 9.4 Oral potentially malignant disorders

Core references: [1] Ch. on oral cancer and screening · [2] · [13]

Additional

- Warnakulasuriya S. Global epidemiology of oral and oropharyngeal cancer. Oral Oncol. 2009;45(4–5):309–16.
- Speight PM, Khurram SA, Kujan O. Oral potentially malignant disorders: risk of progression to malignancy. Oral Surg Oral Med Oral Pathol Oral Radiol. 2018;125(6):612–27.
- IARC Working Group on the Evaluation of Carcinogenic Risks to Humans. Personal Habits and Indoor Combustions. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100E. Lyon: International Agency for Research on Cancer; 2012.
- Walsh T, Liu JLY, Brocklehurst P, Glenny AM, Lingen M, Kerr AR, et al. Clinical assessment to screen for the detection of oral cavity cancer and potentially malignant disorders in apparently healthy adults. Cochrane Database Syst Rev. 2013;(11):CD010173.
- World Health Organization. WHO Report on Cancer: Setting Priorities, Investing Wisely and Providing Care for All. Geneva: WHO; 2020.
- National Institute for Health and Care Excellence. Suspected Cancer: Recognition and Referral. NICE guideline NG12. London: NICE; 2015 (updated). Available from: https://www.nice.org.uk/guidance/ng12

Chapter 10 — Health Promotion and Behaviour Change

10.1 Principles of health promotion · 10.2 Behaviour change theories · 10.3 Communication methods · 10.4 Motivational interviewing

Core references: [5] Chs. on health promotion models and approaches · [6] Chs. on individual and interpersonal health behaviour theories · [1] Ch. on oral health promotion · [11] Ch. on behaviour change · [18]

Additional

- World Health Organization. Ottawa Charter for Health Promotion. Geneva: WHO; 1986.
- Michie S, van Stralen MM, West R. The behaviour change wheel: a new method for characterising and designing behaviour change interventions. Implement Sci. 2011;6:42.

Chapter 11 — School Oral Health Programmes

11.1 Planning school programmes · 11.2 School dental screening · 11.3 School-based prevention · 11.4 Evaluation of school programmes

Core references: [1] Ch. on oral health promotion in schools · [2] · [11] · [20]

Additional

- World Health Organization. Oral Health Promotion: An Essential Element of a Health-Promoting School. WHO Information Series on School Health, Document 11. Geneva: WHO; 2003.
- Kwan SYL, Petersen PE, Pine CM, Borutta A. Health-promoting schools: an opportunity for oral health promotion. Bull World Health Organ. 2005;83(9):677–85.
- Public Health England. Improving Oral Health: A Community Water Fluoridation Toolkit for Local Authorities. London: PHE; 2016.

Chapter 12 — Oral Health Care for Special Population Groups

12.1 Children and adolescents · 12.2 Older adults · 12.3 Pregnant women · 12.4 People with disabilities · 12.5 Migrants, refugees and underserved groups

Core references: [2] Chs. on oral health of special groups · [1] · [8] · [11]

Additional

- 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

- National Institute for Health and Care Excellence. Oral Health Promotion: General Dental Practice. NICE guideline NG30. London: NICE; 2015. Available from: https://www.nice.org.uk/guidance/ng30
- FDI World Dental Federation. Access to Oral Health Through Primary Health Care [policy statement, Internet]. Geneva: FDI [cited 2026 Sep 17]. Available from: https://www.fdiworlddental.org

Chapter 13 — Dental Health Education and Communication

13.1 Principles of dental health education · 13.2 Educational methods · 13.3 Communication for different groups · 13.4 Evaluation of health education

Core references: [5] · [6] · [1] Ch. on oral health education · [11] · [18]

Additional

- Kay EJ, Locker D. A systematic review of the effectiveness of health promotion aimed at improving oral health. Community Dent Health. 1998;15(3):132–44.
- World Health Organization Regional Office for Europe. Health Literacy: The Solid Facts. Copenhagen: WHO Regional Office for Europe; 2013.

Chapter 14 — Dental Health Services and Health Systems

14.1 Organisation of dental services · 14.2 Oral health workforce · 14.3 Access to dental care · 14.4 Financing dental care

Core references: [1] Chs. on the organisation of dental care and the dental workforce · [2] · [3] Chs. on dental care delivery and financing · [8] · [12] · [14]

Additional

- World Health Organization. Everybody's Business: Strengthening Health Systems to Improve Health Outcomes — WHO's Framework for Action. Geneva: WHO; 2007.

Chapter 15 — Planning and Evaluation of Oral Health Programmes

15.1 Programme planning cycle · 15.2 Resource planning · 15.3 Programme implementation · 15.4 Programme evaluation

Core references: [2] Chs. on planning and evaluating oral health programmes · [1] Ch. on planning dental services · [10]

Additional

- Green LW, Kreuter MW. Health Program Planning: An Educational and Ecological Approach. 4th ed. New York: McGraw-Hill; 2005.
- World Health Organization. Health Programme Evaluation: Guiding Principles for Its Application in the Managerial Process for National Health Development. Geneva: WHO; 1981.
- Centers for Disease Control and Prevention. Framework for program evaluation in public health. MMWR Recomm Rep. 1999;48(RR-11):1–40.

Chapter 16 — Dental Public Health Policy and Legislation

16.1 Health policy principles · 16.2 Oral health policy areas · 16.3 Dental legislation and regulation · 16.4 Occupational health and safety

Core references: [1] Ch. on health policy · [8] · [9] · [12] · [14] · [15]

Additional

- World Health Organization. Guideline: Sugars Intake for Adults and Children. Geneva: WHO; 2015.
- World Health Organization. WHO Framework Convention on Tobacco Control. Geneva: WHO; 2003.

Chapter 17 — Environmental and Occupational Oral Health

17.1 Environmental determinants · 17.2 Occupational dental health hazards · 17.3 Environmental sustainability in dentistry

Core references: [3] Chs. on fluoride and the community · [21]

Additional

- World Health Organization. Guidelines for Drinking-Water Quality. 4th ed. incorporating the 1st and 2nd addenda. Geneva: WHO; 2022.

- Fawell J, Bailey K, Chilton J, Dahi E, Fewtrell L, Magara Y. Fluoride in Drinking-Water. WHO Drinking-Water Quality Series. London: IWA Publishing on behalf of the World Health Organization; 2006.
- FDI World Dental Federation. Sustainability in Dentistry [policy statement, Internet]. Geneva: FDI [cited 2026 Sep 17]. Available from: https://www.fdiworlddental.org
- World Health Organization. Climate Change and Health [Internet]. Geneva: WHO [cited 2026 Sep 17]. Available from: https://www.who.int/health-topics/climate-change

Chapter 18 — Infection Control and Community Dental Practice

18.1 Infection control principles · 18.2 Sterilisation and disinfection · 18.3 Outreach and mobile dental settings · 18.4 Public health emergencies

Core references: [21] · [15]

Additional

- Kohn WG, Collins AS, Cleveland JL, Harte JA, Eklund KJ, Malvitz DM. Guidelines for infection control in dental health-care settings — 2003. J Am Dent Assoc. 2004;135(1):33–47.
- Centers for Disease Control and Prevention. Summary of Infection Prevention Practices in Dental Settings: Basic Expectations for Safe Care. Atlanta (GA): CDC; 2016. Available from: https://www.cdc.gov
- World Health Organization. WHO Guidelines on Hand Hygiene in Health Care. Geneva: WHO; 2009.
- World Health Organization. Decontamination and Reprocessing of Medical Devices for Health-Care Facilities. Geneva: WHO; 2016.
- Department of Health. Health Technical Memorandum 01-05: Decontamination in Primary Care Dental Practices. London: Department of Health; 2013. Available from: https://www.gov.uk

Chapter 19 — Teledentistry and Digital Public Health

19.1 Teledentistry principles · 19.2 Digital oral health promotion · 19.3 Data and surveillance technology

Core references: [8] · [12] · [15]

Additional

- World Health Organization. Global Strategy on Digital Health 2020–2025. Geneva: WHO; 2021.
- World Health Organization. Ethics and Governance of Artificial Intelligence for Health: WHO Guidance. Geneva: WHO; 2021.
- Daniel SJ, Kumar S. Teledentistry: a key component in access to care. J Evid Based Dent Pract. 2014;14 Suppl:201–8.
- Estai M, Bunt S, Kanagasingam Y, Kruger E, Tennant M. Diagnostic accuracy of teledentistry in the detection of dental caries: a systematic review. J Evid Based Dent Pract. 2016;16(3):161–72.
- Giraudeau N. Teledentistry and COVID-19: be mindful of bogus “good” ideas! Inquiry. 2021;58:469580211015050.
- FDI World Dental Federation. Digital Dentistry [policy statement, Internet]. Geneva: FDI [cited 2026 Sep 17]. Available from: https://www.fdiworlddental.org

Chapter 20 — Evidence-Based Community Dentistry and Professionalism

20.1 Evidence-based dental public health · 20.2 Guidelines and recommendations · 20.3 Ethics in community dentistry · 20.4 Professional role of the dentist

Core references: [7] · [1] Ch. on evidence-based dentistry · [15] · [16] · [17] · [19]

Additional

- Sackett DL, Rosenberg WMC, Gray JAM, Haynes RB, Richardson WS. Evidence based medicine: what it is and what it isn’t. BMJ. 1996;312(7023):71–2.
- Straus SE, Glasziou P, Richardson WS, Haynes RB. Evidence-Based Medicine: How to Practice and Teach EBM. 5th ed. Edinburgh: Elsevier; 2018.
- Dawes M, Summerskill W, Glasziou P, Cartabellotta A, Martin J, Hopayian K, et al. Sicily statement on evidence-based practice. BMC Med Educ. 2005;5:1.

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