Oral Pathology III

Year 4 — Bachelor of Dental Surgery

Reference and Resource List — Chapters 9.1 to 9.14

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 oral pathology textbooks

1. Neville BW, Damm DD, Allen CM, Chi AC. Oral and Maxillofacial Pathology. 5th ed. St Louis: Elsevier; 2024.
2. Odell EW. Cawson's Essentials of Oral Pathology and Oral Medicine. 10th ed. Edinburgh: Elsevier; 2024.
3. Sivapathasundharam B, editor. Shafer's Textbook of Oral Pathology. 9th ed. New Delhi: Elsevier India; 2020.
4. Regezi JA, Sciubba JJ, Jordan RCK. Oral Pathology: Clinical Pathologic Correlations. 7th ed. St Louis: Elsevier; 2017.
5. Woo SB. Oral Pathology: A Comprehensive Atlas and Text. 2nd ed. Philadelphia: Elsevier; 2017.
6. Soames JV, Southam JC. Oral Pathology. 4th ed. Oxford: Oxford University Press; 2005.
7. Sapp JP, Eversole LR, Wysocki GP. Contemporary Oral and Maxillofacial Pathology. 2nd ed. St Louis: Mosby; 2004.

1.2 Surgical pathology, general pathology and histology

8. WHO Classification of Tumours Editorial Board. Head and Neck Tumours. 5th ed., vol. 9. Lyon: International Agency for Research on Cancer; 2024. Available from: https://tumourclassification.iarc.who.int
9. Gnepp DR, Bishop JA, editors. Gnepp's Diagnostic Surgical Pathology of the Head and Neck. 3rd ed. Philadelphia: Elsevier; 2021.
10. Barnes L, editor. Surgical Pathology of the Head and Neck. 3rd ed. New York: Informa Healthcare; 2009.
11. Kumar V, Abbas AK, Aster JC, Debnath J, Das A, editors. Robbins, Cotran & Kumar Pathologic Basis of Disease. 11th ed. Philadelphia: Elsevier; 2026.
12. Kumar V, Abbas AK, Aster JC, editors. Robbins & Kumar Basic Pathology. 11th ed. Philadelphia: Elsevier; 2023.
13. Nanci A. Ten Cate's Oral Histology: Development, Structure, and Function. 10th ed. St Louis: Elsevier; 2024.
14. Berkovitz BKB, Holland GR, Moxham BJ. Oral Anatomy, Histology and Embryology. 5th ed. Edinburgh: Elsevier; 2017.
15. Suvarna SK, Layton C, Bancroft JD, editors. Bancroft's Theory and Practice of Histological Techniques. 8th ed. Edinburgh: Elsevier; 2019.

1.3 Oral medicine, radiology and clinical correlation

16. Challacombe SJ, Carey B, Setterfield J. Scully's Oral and Maxillofacial Medicine: The Basis of Diagnosis and Treatment. 4th ed. Edinburgh: Elsevier; 2023.
17. Glick M, Greenberg MS, Lockhart PB, Challacombe SJ, editors. Burket's Oral Medicine. 13th ed. Hoboken (NJ): Wiley Blackwell; 2021.
18. Whaites E, Drage N. Essentials of Dental Radiography and Radiology. 6th ed. Edinburgh: Elsevier; 2021.
19. Odell EW, editor. Clinical Problem Solving in Dentistry. 4th ed. Edinburgh: Elsevier; 2020.

1.4 Reporting standards, staging and guidelines

20. The Royal College of Pathologists. Cancer datasets and tissue pathways (head and neck). London: RCPath. Available from: https://www.rcpath.org/profession/guidelines/cancer-datasets-and-tissue-pathways.html
21. International Collaboration on Cancer Reporting. Carcinomas of the oral cavity: histopathology reporting guide. Sydney: ICCR. Available from: https://www.iccr-cancer.org
22. Amin MB, Edge SB, Greene FL, et al., editors. AJCC Cancer Staging Manual. 8th ed. New York: Springer; 2017.
23. Brierley JD, Gospodarowicz MK, Wittekind C, editors. TNM Classification of Malignant Tumours. 8th ed. Oxford: Wiley Blackwell; 2017.
24. National Institute for Health and Care Excellence. Suspected cancer: recognition and referral. NICE guideline NG12. London: NICE. Available from: https://www.nice.org.uk/guidance/ng12
25. National Institute for Health and Care Excellence. Cancer of the upper aerodigestive tract: assessment and management in people aged 16 and over. NICE guideline NG36. London: NICE; 2016. Available from: https://www.nice.org.uk/guidance/ng36
26. Warnakulasuriya S, Kujan O, Aguirre-Urizar JM, Bagan JV, González-Moles MÁ, Kerr AR, et al. Oral potentially malignant disorders: a consensus report from an international seminar on nomenclature and classification, convened by the WHO Collaborating Centre for Oral Cancer. Oral Dis. 2021;27(8):1862–80.
27. General Dental Council. Preparing for practice: dental team learning outcomes for registration. London: GDC; 2015. Available from: https://www.gdc-uk.org
28. Dental Council of India. Bachelor of Dental Surgery (BDS) Course Regulations, 2007 (as amended). New Delhi: DCI.

1.6 Key journals for currency

Journal of Oral Pathology & Medicine · Oral Diseases · Oral Oncology · Head and Neck Pathology · Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology · Histopathology · American Journal of Surgical Pathology · Journal of Oral and Maxillofacial Pathology · British Dental Journal · Journal of the American Dental Association

PART 2 — CHAPTER-SPECIFIC REFERENCES

Chapter 9.1 — Foundations of Biopsy and Histopathology for Dental Practice

9.1.1 Scope and objectives · 9.1.2 Basic pathology revision (applied) · 9.1.3 Oral mucosa histology recap (report-linked)

Core texts: [1] Introductory chapters and Appendix · [2] Introductory chapters · [11]–[12] Chs. on inflammation and repair, and neoplasia · [13] Ch. on oral mucosa · [14] · [16]

Additional

- Mota-Ramírez A, Silvestre FJ, Simó JM. Oral biopsy in dental practice. Med Oral Patol Oral Cir Bucal. 2007;12(7):E504–10.
- Poh CF, Ng S, Berean KW, Williams PM, Rosin MP, Zhang L. Biopsy and histopathologic diagnosis of oral premalignant and malignant lesions. J Can Dent Assoc. 2008;74(3):283–8.
- Williams PM, Poh CF, Hovan AJ, Ng S, Rosin MP. Evaluation of a suspicious oral mucosal lesion. J Can Dent Assoc. 2008;74(3):275–80.
- Jeng PY, Chang MC, Chiang CP, Lee CF, Chen CF, Jeng JH. Oral soft tissue biopsy surgery: current principles and key tissue stabilization techniques. J Dent Sci. 2024;19(1):11–20.
- Squier CA, Kremer MJ. Biology of oral mucosa and esophagus. J Natl Cancer Inst Monogr. 2001;(29):7–15.
- Winning TA, Townsend GC. Oral mucosal embryology and histology. Clin Dermatol. 2000;18(5):499–511.
- Speight PM, Farthing PM. The pathology of oral cancer. Br Dent J. 2018;225(9):841–7.
- Muller S, Tilakaratne WM. Update from the 5th edition of the World Health Organization classification of head and neck tumors: tumours of the oral cavity and mobile tongue. Head Neck Pathol. 2022;16(1):54–62.

Chapter 9.2 — Biopsy: Indications, Types and Case Selection

9.2.1 When to biopsy · 9.2.2 When not to biopsy in general practice · 9.2.3 Types of biopsy · 9.2.4 Site selection and technique principles

Core texts: [1] Ch. 1 and Appendix · [2] Chapters on biopsy and investigations · [4] · [16] Chs. on investigations · [18] · [24]

Additional

- Rosebush MS, Anderson KM, Rawal SY, Mincer HH, Rawal YB. The oral biopsy: indications, techniques and special considerations. J Tenn Dent Assoc. 2010;90(2):17–20.
- Golden DP, Hooley JR. Oral mucosal biopsy procedures. Excisional and incisional. Dent Clin North Am. 1994;38(2):279–300.
- Oliver RJ, Sloan P, Pemberton MN. Oral biopsies: methods and applications. Br Dent J. 2004;196(6):329–33.
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- Melrose RJ, Handlers JP, Kerpel S, Summerlin DJ, Tomich CJ. The use of biopsy in dental practice: the position of the American Academy of Oral and Maxillofacial Pathology. Gen Dent. 2007;55(5):457–61.
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- Lingen MW, Kalmar JR, Karrison T, Speight PM. Critical evaluation of diagnostic aids for the detection of oral cancer. Oral Oncol. 2008;44(1):10–22.
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- Legiehn GM, Heran MKS. Venous malformations: classification, development, diagnosis, and interventional radiologic management. Radiol Clin North Am. 2008;46(3):545–97.

Chapter 9.3 — Specimen Handling, Fixation and Laboratory Communication

9.3.1 Specimen handling · 9.3.2 Request form and clinical details · 9.3.3 Histopathology report components

Core texts: [1] Ch. 1 · [2] Chapters on biopsy and laboratory techniques · [15] Chs. on fixation and tissue processing · [19] · [20]–[21]

Additional

- Kumaraswamy KL, Vidhya M, Rao PK, Mukunda A. Oral biopsy: oral pathologist's perspective. J Cancer Res Ther. 2012;8(2):192–8.
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- Human Tissue Act 2004 (c. 30). London: The Stationery Office; 2004.
- Health and Safety Executive. EH40/2005 Workplace exposure limits. 4th ed. Norwich: HSE Books. Available from: https://www.hse.gov.uk

Chapter 9.4 — Pattern-Based Interpretation of Oral Biopsy Reports (UG Level)

9.4.1 Epithelial changes (key terms in reports) · 9.4.2 Dysplasia and epithelial precursor lesions · 9.4.3 Invasion and malignancy indicators

Core texts: [1] Ch. on epithelial pathology · [2] Soft tissue disease section · [5] · [8] Oral cavity and mobile tongue chapter · [9]–[10] · [20]–[21]

Additional

- Warnakulasuriya S, Reibel J, Bouquot J, Dabelsteen E. Oral epithelial dysplasia classification systems: predictive value, utility, weaknesses and scope for improvement. J Oral Pathol Med. 2008;37(3):127–33.
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Chapter 9.5 — Potentially Malignant Disorders and Oral Cancer (Report Interpretation)

9.5.1 Leukoplakia biopsy report interpretation · 9.5.2 Erythroplakia · 9.5.3 Oral submucous fibrosis (regional) · 9.5.4 Squamous cell carcinoma

Core texts: [1] Ch. on epithelial pathology · [2] Soft tissue disease section · [3] Ch. on epithelial tumours of the oral cavity · [8] · [16] · [22]–[26]

Additional

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- Chi AC, Day TA, Neville BW. Oral cavity and oropharyngeal squamous cell carcinoma – an update. CA Cancer J Clin. 2015;65(5):401–21.

Chapter 9.6 — Common Inflammatory and Reactive Lesions (Clinicopathologic Correlation)

9.6.1 Ulcer biopsies · 9.6.2 Fibrous/reactive lesions · 9.6.3 Granulomatous conditions (introduction)

Core texts: [1] Chs. on physical and chemical injuries, soft tissue tumours and bacterial infections · [2] Soft tissue disease section · [3] · [4] Chs. on ulcerative conditions and connective tissue lesions · [16]

Additional

- Hirshberg A, Amariglio N, Akrish S, Yahalom R, Rosenbaum H, Okon E, et al. Traumatic ulcerative granuloma with stromal eosinophilia: a reactive lesion of the oral mucosa. Am J Clin Pathol. 2006;126(4):522–9.
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- Suresh L, Radfar L. Oral sarcoidosis: a review of literature. Oral Dis. 2005;11(3):138–45.

Chapter 9.7 — Oral Mucosal Immune-Mediated Disorders (Biopsy Features)

9.7.1 Oral lichen planus · 9.7.2 Vesiculobullous disease biopsy interpretation · 9.7.3 Lupus and other mucocutaneous disorders (overview)

Core texts: [1] Ch. on dermatologic diseases · [2] Soft tissue disease section · [4] Chs. on white lesions and vesiculobullous conditions · [16] · [17]

Additional

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Chapter 9.8 — Oral Infections and Their Histopathology

9.8.1 Candidiasis (hyperplastic) · 9.8.2 Viral lesions (overview)

Core texts: [1] Chs. on fungal and viral infections · [2] Soft tissue disease section · [3] Chs. on viral and mycotic infections · [15] Ch. on carbohydrates (PAS) · [16]

Additional

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- Williams D, Lewis M. Pathogenesis and treatment of oral candidosis. J Oral Microbiol. 2011;3:5771.
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- Betz SJ. HPV-related papillary lesions of the oral mucosa: a review. Head Neck Pathol. 2019;13(1):80–90.
- Arduino PG, Porter SR. Herpes simplex virus type 1 infection: overview on relevant clinico-pathological features. J Oral Pathol Med. 2008;37(2):107–21.

Chapter 9.9 — Salivary Gland Lesions

9.9.1 Non-neoplastic lesions · 9.9.2 Benign salivary tumours (introduction) · 9.9.3 Malignant salivary tumours (awareness)

Core texts: [1] Ch. on salivary gland pathology · [2] Salivary gland section · [3] · [8] Salivary glands chapter · [9]–[10] · [18]

Additional

- Chi AC, Lambert PR 3rd, Richardson MS, Neville BW. Oral mucoceles: a clinicopathologic review of 1,824 cases, including unusual variants. J Oral Maxillofac Surg. 2011;69(4):1086–93.
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- Schmidt RL, Hall BJ, Layfield LJ. A systematic review and meta-analysis of the diagnostic accuracy of frozen section for parotid gland lesions. Am J Clin Pathol. 2011;136(5):729–38.

Chapter 9.10 — Jaw Cysts, Tumours and Bone Pathology (Interpretation and Correlation)

9.10.1 Odontogenic cysts · 9.10.2 Odontogenic tumours (introduction) · 9.10.3 Fibro-osseous lesions (overview) · 9.10.4 Osteomyelitis (introduction)

Core texts: [1] Chs. on odontogenic cysts and tumours, and bone pathology · [2] Hard tissue pathology section · [3] Chs. on cysts and odontogenic tumours · [8] Odontogenic and maxillofacial bone tumours chapter · [18]

Additional

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- Vered M, Wright JM. Update from the 5th edition of the World Health Organization classification of head and neck tumors: odontogenic and maxillofacial bone tumours. Head Neck Pathol. 2022;16(1):63–75.
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- Nelson BL, Phillips BJ. Benign fibro-osseous lesions of the head and neck. Head Neck Pathol. 2019;13(3):466–75.
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Chapter 9.11 — Margin Assessment, Dysplasia Grading and Follow-Up Planning

9.11.1 Margins in excisional specimens · 9.11.2 Dysplasia reporting and management implications · 9.11.3 When histology does not match the clinical picture

Core texts: [1] Ch. on epithelial pathology · [2] · [8] · [19] Case-based chapters · [20]–[21] · [25]

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Chapter 9.12 — Special Stains and Immunohistochemistry (Awareness Block)

9.12.1 Why special stains are used · 9.12.2 Immunohistochemistry basics (awareness)

Core texts: [1] · [2] · [9]–[10] · [15] Chs. on special stains and immunohistochemical techniques

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Chapter 9.13 — Structured Approach to Reading a Biopsy Report (Exam-Friendly)

9.13.1 Stepwise report-reading checklist · 9.13.2 Writing a clinicopathologic summary (OSCE skill)

Core texts: [1] Ch. 1 and Appendix · [2] · [19] Case-based chapters · [20]–[21]

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Chapter 9.14 — Clinical Competencies and OSCE/Viva Headings (Year 4)

9.14.1 Competencies · 9.14.2 Common viva/OSCE topics

Core texts: [1] · [2] · [19] · [24] · [26]–[28]

Additional

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