General Anatomy

Year 1 — Bachelor of Dental Surgery

Reference and Resource List — Chapters 1 to 18

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 human anatomy textbooks and atlases

1. Standring S, Tubbs SR, editors. Gray's Anatomy: The Anatomical Basis of Clinical Practice. 43rd ed. Edinburgh: Elsevier; 2025.

2. Drake RL, Vogl AW, Mitchell AWM. Gray's Anatomy for Students. 5th ed. Philadelphia: Elsevier; 2023.

3. Dalley AF, Agur AMR. Moore's Clinically Oriented Anatomy. 9th ed. Philadelphia: Wolters Kluwer; 2023.

4. Snell RS. Snell's Clinical Anatomy by Regions. 10th ed. Philadelphia: Wolters Kluwer; 2018.

5. Sinnatamby CS. Last's Anatomy: Regional and Applied. 12th ed. Edinburgh: Churchill Livingstone Elsevier; 2011.

6. Singh V. General Anatomy with Systemic Anatomy, Radiological Anatomy, Medical Genetics. 3rd ed. New Delhi: Elsevier India; 2020.

7. Chaurasia BD. BD Chaurasia's Human Anatomy: Regional and Applied, Dissection and Clinical. 8th ed. New Delhi: CBS Publishers and Distributors; 2019.

8. Netter FH. Atlas of Human Anatomy: Classic Regional Approach. 8th ed. Philadelphia: Elsevier; 2023.

1.2 Foundational anatomy and physiology texts

9. Tortora GJ, Derrickson B. Principles of Anatomy and Physiology. 16th ed. Hoboken (NJ): Wiley; 2021.

10. Hall JE, Hall ME. Guyton and Hall Textbook of Medical Physiology. 15th ed. Philadelphia: Elsevier; 2025.

11. Waugh A, Grant A. Ross and Wilson Anatomy and Physiology in Health and Illness. 13th ed. Edinburgh: Elsevier; 2018.

12. Marieb EN, Hoehn K. Human Anatomy and Physiology. 11th ed. Harlow: Pearson; 2019.

1.3 Histology, cell biology and oral histology

13. Pawlina W. Histology: A Text and Atlas, with Correlated Cell and Molecular Biology. 9th ed. Philadelphia: Wolters Kluwer; 2024.

14. Mescher AL. Junqueira's Basic Histology: Text and Atlas. 17th ed. New York: McGraw Hill; 2024.

15. O'Dowd G, Bell S, Wright S. Wheater's Functional Histology: A Text and Colour Atlas. 7th ed. Edinburgh: Elsevier; 2023.

16. Alberts B, Heald R, Johnson A, Morgan D, Raff M, Roberts K, et al. Molecular Biology of the Cell. 7th ed. New York: W. W. Norton; 2022.

17. Nanci A. Ten Cate's Oral Histology: Development, Structure, and Function. 10th ed. St Louis: Elsevier; 2024.

1.4 Head and neck anatomy for dentistry

18. Norton NS, Willett GM. Netter's Head and Neck Anatomy for Dentistry. 4th ed. Philadelphia: Elsevier; 2024.

19. Fehrenbach MJ. Illustrated Anatomy of the Head and Neck. 7th ed. St Louis: Elsevier; 2025.

20. Berkovitz BKB, Holland GR, Moxham BJ. Oral Anatomy, Histology and Embryology. 5th ed. Edinburgh: Elsevier; 2017.

21. Singh V. Textbook of Anatomy: Head, Neck and Brain. Vol. 3. 4th ed. New Delhi: Elsevier India; 2023.

22. Liebgott B. The Anatomical Basis of Dentistry. 4th ed. St Louis: Elsevier; 2017.

1.5 Embryology and development

23. Sadler TW. Langman's Medical Embryology. 15th ed. Philadelphia: Wolters Kluwer; 2024.

24. Moore KL, Persaud TVN, Torchia MG. The Developing Human: Clinically Oriented Embryology. 11th ed. Philadelphia: Elsevier; 2020.

1.6 Terminology, imaging and clinical correlation

25. Federative International Programme for Anatomical Terminology. Terminologia Anatomica. 2nd ed. FIPAT; 2019. Available from: https://fipat.library.dal.ca

26. Whaites E, Drage N. Essentials of Dental Radiography and Radiology. 6th ed. Edinburgh: Elsevier; 2021.

27. Kumar V, Abbas AK, Aster JC, Deyrup AT, editors. Robbins and Kumar Basic Pathology. 11th ed. Philadelphia: Elsevier; 2023.

28. Scully C. Scully's Medical Problems in Dentistry. 7th ed. Edinburgh: Churchill Livingstone Elsevier; 2014.

1.7 Curriculum, syllabus and professional standards

29. Matthan J, Cobb M, McHanwell S, Moxham BJ, Finn GM. The Anatomical Society's core anatomy syllabus for dental undergraduates. J Anat. 2020;236(4):737-51.

30. Smith CF, Finn GM, Stewart J, Atkinson MA, Davies DC, Dyball R, et al. The Anatomical Society core regional anatomy syllabus for undergraduate medicine. J Anat. 2016;228(1):15-23.

31. Moxham BJ, McHanwell S, Berkovitz B. The development of a core syllabus for the teaching of oral anatomy, histology and embryology to dental students via an international Delphi panel. Clin Anat. 2018;31:231-49.

32. Holland JC, Smith C, O'Shea M, Stewart J, Ockleford C, Finn GM. The Anatomical Society core embryology syllabus for undergraduate medicine. J Anat. 2019;235(4):847-60.

33. General Dental Council. Preparing for practice: dental team learning outcomes for registration. London: GDC; 2015. Available from: https://www.gdc-uk.org

34. Dental Council of India. Bachelor of Dental Surgery (BDS) Course Regulations, 2007 (as amended). New Delhi: DCI.

35. Association for Dental Education in Europe. The Graduating European Dentist: a new undergraduate curriculum framework. Eur J Dent Educ. 2017;21 Suppl 1.

36. Human Tissue Authority. Code of practice and standards: anatomical examination. London: HTA. Available from: https://www.hta.gov.uk

Key journals for currency

Journal of Anatomy · Clinical Anatomy · Anatomical Sciences Education · Surgical and Radiologic Anatomy · Annals of Anatomy · Archives of Oral Biology · Journal of Oral Rehabilitation · Journal of Dental Research · British Dental Journal · European Journal of Dental Education

PART 2 — CHAPTER-SPECIFIC REFERENCES

Chapter 1 — Definition and Branches of Anatomy

1.1 What anatomy is, and how it is approached · 1.2 Anatomy beyond the naked eye and across the lifespan · 1.3 Anatomy applied, imaged and compared

Core texts: [1] Introductory chapters on the scope, language and methods of anatomy · [2] Introduction (terminology, imaging and the body plan) · [3] Introduction to clinically oriented anatomy · [6] Chapters on the definition, subdivisions and clinical relevance of anatomy · [7] Introductory section on the scope of anatomy · [25] · [29] · [30] · [31]

Additional

- Sugand K, Abrahams P, Khurana A. The anatomy of anatomy: a review for its modernization. Anat Sci Educ. 2010;3(2):83-93.
- Turney BW. Anatomy in a modern medical curriculum. Ann R Coll Surg Engl. 2007;89(2):104-7.
- Estai M, Bunt S. Best teaching practices in anatomy education: a critical review. Ann Anat. 2016;208:151-7.
- Louw G, Eizenberg N, Carmichael SW. The place of anatomy in medical education: AMEE Guide no. 41. Med Teach. 2009;31(5):373-86.
- Human Tissue Authority. Guidance on the use of donated bodies and tissue for anatomical examination, education and training. London: HTA. Available from: https://www.hta.gov.uk

Chapter 2 — Anatomical Position and Planes

2.1 The anatomical position and its purpose · 2.2 Anatomical planes · 2.3 Terms of position and relation, and their clinical application

Core texts: [1] Introductory chapter on anatomical nomenclature and planes · [2] Introduction (planes, terms of position and imaging) · [3] Introduction (anatomicomedical terminology) · [6] Chapters on anatomical position, planes and terms · [8] Introductory plates · [25] · [26] Chapters on projection geometry and sectional imaging

Additional

- European Commission. Radiation protection no. 172: cone beam CT for dental and maxillofacial radiology — evidence-based guidelines. Luxembourg: European Commission; 2012.
- Faculty of General Dental Practice (UK). Selection criteria for dental radiography. 3rd ed. London: FGDP(UK); 2018.
- Scarfe WC, Farman AG. What is cone-beam CT and how does it work? Dent Clin North Am. 2008;52(4):707-30.
- Horner K, O'Malley L, Taylor K, Glenny AM. Guidelines for clinical use of CBCT: a review. Dentomaxillofac Radiol. 2015;44(1):20140225.

Chapter 3 — Anatomical Terms

3.1 General anatomical terms of position and direction · 3.2 Dental tooth-surface and tooth-direction terminology · 3.3 Relational terms in body and clinical description

Core texts: [1] Anatomical nomenclature · [2] Introduction (descriptive terms) · [3] Introduction (terms of relationship, comparison and movement) · [6] Terminology chapters · [19] Chapters on orofacial terminology and surfaces · [22] Chapters on dental terminology · [25]

Additional

- International Organization for Standardization. ISO 3950:2016. Dentistry — designation system for teeth and areas of the oral cavity. Geneva: ISO; 2016.
- Scheid RC, Weiss G. Woelfel's Dental Anatomy. 9th ed. Philadelphia: Wolters Kluwer; 2017.

- Nelson SJ. Wheeler's Dental Anatomy, Physiology and Occlusion. 11th ed. St Louis: Elsevier; 2020.
- Kirkham J, Robinson C. Terminology in dental and oral sciences: the case for consistency. Br Dent J. 2014;216(2):61-3.

Chapter 4 — Levels of Structural Organization

4.1 Chemical and cellular levels · 4.2 Tissue and organ levels · 4.3 Organ system and organism levels

Core texts: [1] Cell biology and general tissue chapters · [9] Chapters on the organisation of the human body and homeostasis · [10] Functional organisation of the body and control of the internal environment · [11] Introduction to the human body · [12] Chapters on the human body plan · [16] Chapters on cells, molecules and tissues · [17] Chapters on the structure of dental tissues

Additional

- Boron WF, Boulpaep EL, editors. Medical Physiology. 3rd ed. Philadelphia: Elsevier; 2017.
- Bath-Balogh M, Fehrenbach MJ. Illustrated Dental Embryology, Histology and Anatomy. 4th ed. St Louis: Elsevier; 2015.
- Cannon WB. Organization for physiological homeostasis. Physiol Rev. 1929;9(3):399-431.
- Simmer JP, Fincham AG. Molecular mechanisms of dental enamel formation. Crit Rev Oral Biol Med. 1995;6(2):84-108.

Chapter 5 — Cellular Organization of the Body

5.1 The cell and its plasma membrane · 5.2 Cytoplasmic organelles and the cytoskeleton · 5.3 Cell surface, junctions and dental relevance

Core texts: [1] Cell biology chapters · [13] Chapters on the cell, cytoplasm and nucleus · [14] Chapters on the cytoplasm, cell membrane and nucleus · [15] Cell and tissue structure chapters · [16] Chapters on membrane structure, transport, the cytoskeleton, cell junctions and cell death · [17] Chapters on ameloblasts, odontoblasts and secretory cells

Additional

- Kierszenbaum AL, Tres LL. Histology and Cell Biology: An Introduction to Pathology. 6th ed. Philadelphia: Elsevier; 2020.
- Elmore S. Apoptosis: a review of programmed cell death. Toxicol Pathol. 2007;35(4):495-516.
- Singer SJ, Nicolson GL. The fluid mosaic model of the structure of cell membranes. Science. 1972;175(4023):720-31.
- Garrod D, Chidgey M. Desmosome structure, composition and function. Biochim Biophys Acta. 2008;1778(3):572-87.

Chapter 6 — Basic Histology (Introduction to Tissues)

6.1 Epithelial tissue and the scope of histology · 6.2 Connective tissue · 6.3 Muscle and nervous tissue, and dental relevance

Core texts: [1] General tissue chapters · [13] Chapters on epithelium, connective tissue, muscle and nervous tissue · [14] Chapters on the four basic tissues · [15] Chapters on basic tissue types and supporting tissues · [17] Chapters on oral mucosa and the periodontium · [20] Chapters on oral histology · [31]

Additional

- Ovalle WK, Nahirney PC. Netter's Essential Histology. 3rd ed. Philadelphia: Elsevier; 2021.
- 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.
- Frantz C, Stewart KM, Weaver VM. The extracellular matrix at a glance. J Cell Sci. 2010;123(Pt 24):4195-200.

Chapter 7 — Osteology (Bones and Skeletal System)

7.1 Bone structure and composition · 7.2 Bone development, growth and classification · 7.3 Bone physiology, clinical and dental relevance

Core texts: [1] Functional anatomy of the musculoskeletal system; skeletal tissue chapters · [2] Introductory chapter on the skeletal system · [3] Introduction (bones, classification and markings) · [6] Osteology chapters · [13] Bone and cartilage chapters · [21] Osteology of the skull and mandible · [23] Skeletal system chapters · [27] Bone pathology chapters · [32]

Additional

- Sims NA, Martin TJ. Coupling the activities of bone formation and resorption: a multitude of signals within the basic multicellular unit. Bonekey Rep. 2014;3:481.
- Florencio-Silva R, Sasso GR, Sasso-Cerri E, Simoes MJ, Cerri PS. Biology of bone tissue: structure, function, and factors that influence bone cells. Biomed Res Int. 2015;2015:421746.
- Ruggiero SL, Dodson TB, Aghaloo T, Carlson ER, Ward BB, Kademani D. American Association of Oral and Maxillofacial Surgeons' position paper on medication-related osteonecrosis of the jaws — 2022 update. J Oral Maxillofac Surg. 2022;80(5):920-43.
- National Institute for Health and Care Excellence. Osteoporosis: assessing the risk of fragility fracture. Clinical guideline CG146. London: NICE. Available from: https://www.nice.org.uk/guidance/cg146
- Scientific Advisory Committee on Nutrition. Vitamin D and health. London: SACN; 2016. Available from: https://www.gov.uk/government/publications/sacn-vitamin-d-and-health-report

Chapter 8 — Arthrology (Joints)

8.1 Classification and structure of joints · 8.2 Joint movements · 8.3 The temporomandibular joint and joint pathology

Core texts: [1] Chapters on joints and the temporomandibular joint · [2] Introductory chapter on the articular system · [3] Introduction (joints and joint movement) · [4] Regional chapters on joint structure and movement · [6] Arthrology chapters · [18] Chapter on the temporomandibular joint · [19] Chapter on the temporomandibular joint · [22] Chapters on the TMJ and mandibular movement

Additional

- Schiffman E, Ohrbach R, Truelove E, Look J, Anderson G, Goulet JP, et al. Diagnostic Criteria for Temporomandibular Disorders (DC/TMD) for clinical and research applications. J Oral Facial Pain Headache. 2014;28(1):6-27.
- Okeson JP. Management of Temporomandibular Disorders and Occlusion. 8th ed. St Louis: Elsevier; 2020.
- Royal College of Surgeons of England, Faculty of Dental Surgery. Temporomandibular disorders (TMDs): an update and management guidance for primary care from the UK Specialist Interest Group in Orofacial Pain and TMDs. London: RCS England. Available from: https://www.rcseng.ac.uk
- National Institute for Health and Care Excellence. Osteoarthritis in over 16s: diagnosis and management. NICE guideline NG226. London: NICE. Available from: https://www.nice.org.uk/guidance/ng226
- National Institute for Health and Care Excellence. Rheumatoid arthritis in adults: management. NICE guideline NG100. London: NICE. Available from: https://www.nice.org.uk/guidance/ng100

Chapter 9 — Myology (Muscles)

9.1 Muscle tissue and the organisation of skeletal muscle · 9.2 Mechanism and control of contraction · 9.3 Muscle architecture and the muscles of the head and neck

Core texts: [1] Functional anatomy of the musculoskeletal system; muscles of the head and neck · [2] Introductory chapter on the muscular system · [3] Introduction (muscle types and architecture) · [10] Chapters on muscle contraction and neuromuscular transmission · [13] Muscle tissue chapters · [18] Chapters on the muscles of mastication and facial expression · [19] Chapters on the muscular system of the head and neck · [22] Chapters on head and neck musculature

Additional

- Gordon AM, Huxley AF, Julian FJ. The variation in isometric tension with sarcomere length in vertebrate muscle fibres. J Physiol. 1966;184(1):170-92.
- Hirsch NP. Neuromuscular junction in health and disease. Br J Anaesth. 2009;103(1):132-8.
- Lieber RL, Friden J. Functional and clinical significance of skeletal muscle architecture. Muscle Nerve. 2000;23(11):1647-66.
- van Eijden TM, Korfage JA, Brugman P. Architecture of the human jaw-closing and jaw-opening muscles. Anat Rec. 1997;248(3):464-74.

Chapter 10 — Cardiovascular System

10.1 The heart: structure and conduction · 10.2 Blood vessels and circulatory routes · 10.3 Head and neck blood supply and clinical relevance in dentistry

Core texts: [1] Cardiovascular system chapters; head and neck vasculature · [2] Thorax (heart and mediastinum); head and neck · [3] Thorax chapter · [10] Chapters on the heart and the circulation · [13] Chapters on the cardiovascular system · [18] Chapters on the vasculature of the head and neck · [28] Chapters on cardiovascular disease and dental care

Additional

- National Institute for Health and Care Excellence. Prophylaxis against infective endocarditis. Clinical guideline CG64. London: NICE. Available from: https://www.nice.org.uk/guidance/cg64
- Scottish Dental Clinical Effectiveness Programme. Antibiotic prophylaxis against infective endocarditis: implementation advice. 2nd ed. Dundee: SDCEP. Available from: https://www.sdcep.org.uk
- Delgado V, Ajmone Marsan N, de Waha S, Bonaros N, Brida M, Burri H, et al. 2023 ESC guidelines for the management of endocarditis. Eur Heart J. 2023;44(39):3948-4042.
- Libby P, Buring JE, Badimon L, Hansson GK, Deanfield J, Bittencourt MS, et al. Atherosclerosis. Nat Rev Dis Primers. 2019;5(1):56.
- National Institute for Health and Care Excellence. Cardiovascular disease: risk assessment and reduction, including lipid modification. NICE guideline NG238. London: NICE. Available from: https://www.nice.org.uk/guidance/ng238

Chapter 11 — Respiratory System (Anatomy)

11.1 Organisation of the respiratory tract and the upper airway · 11.2 The lower airway and the lungs · 11.3 Gas exchange, mechanics of breathing and clinical relevance

Core texts: [1] Respiratory system and larynx chapters · [2] Thorax; head and neck (nasal cavity, pharynx and larynx) · [3] Thorax chapter · [5] Thorax chapter · [10] Chapters on pulmonary ventilation and gas exchange · [13] Respiratory system chapters · [21] Chapters on the nasal cavity, pharynx and larynx · [28] Chapters on respiratory disease and dental care

Additional

- Resuscitation Council UK. Adult basic life support guidelines. London: Resuscitation Council UK. Available from: https://www.resus.org.uk/library/2021-resuscitation-guidelines
- National Institute for Health and Care Excellence. Asthma: diagnosis, monitoring and chronic asthma management (BTS, NICE, SIGN). NICE guideline NG245. London: NICE. Available from: https://www.nice.org.uk/guidance/ng245
- Tiwana KK, Morton T, Tiwana PS. Aspiration and ingestion in dental practice: a 10-year institutional review. J Am Dent Assoc. 2004;135(9):1287-91.
- Cameron SM, Whitlock WL, Tabor MS. Foreign body aspiration in dentistry: a review. J Am Dent Assoc. 1996;127(8):1224-9.

Chapter 12 — Digestive System (Anatomy)

12.1 Organisation of the digestive system and the upper GI tract · 12.2 The stomach, small intestine and large intestine · 12.3 Accessory organs, blood supply and innervation

Core texts: [1] Abdomen and gastrointestinal chapters; salivary glands · [2] Abdomen chapter · [3] Abdomen chapter · [7] Abdomen and pelvis volume · [10] Chapters on gastrointestinal physiology · [13] Digestive system chapters · [17] Chapters on salivary glands · [20] Chapters on the oral cavity and salivary glands

Additional

- Humphrey SP, Williamson RT. A review of saliva: normal composition, flow, and function. J Prosthet Dent. 2001;85(2):162-9.
- Dawes C, Pedersen AML, Villa A, Ekstrom J, Proctor GB, Vissink A, et al. The functions of human saliva: a review sponsored by the World Workshop on Oral Medicine VI. Arch Oral Biol. 2015;60(6):863-74.
- National Institute for Health and Care Excellence. Gastro-oesophageal reflux disease and dyspepsia in adults: investigation and management. Clinical guideline CG184. London: NICE. Available from: https://www.nice.org.uk/guidance/cg184
- Ranganathan K, Kavitha R. Oral epithelium and the oral cavity as the entry point of the alimentary tract: a review. J Oral Maxillofac Pathol. 2019;23(1):19-24.

Chapter 13 — Nervous System (Overview)

13.1 Organisation and cellular basis of the nervous system · 13.2 Central nervous system structure and coverings · 13.3 Peripheral and autonomic innervation with dental relevance

Core texts: [1] Neuroanatomy chapters; cranial nerves · [2] Introduction (nervous system); head and neck · [3] Introduction (nervous system) and head chapter · [10] Chapters on the nervous system and its cellular basis · [13] Nervous tissue chapters · [18] Chapters on the cranial nerves and autonomic supply · [21] Brain and cranial nerve chapters · [22] Chapters on the innervation of the oral cavity

Additional

- Sunderland S. A classification of peripheral nerve injuries producing loss of function. Brain. 1951;74(4):491-516.
- Abbott NJ, Patabendige AAK, Dolman DEM, Yusof SR, Begley DJ. Structure and function of the blood-brain barrier. Neurobiol Dis. 2010;37(1):13-25.
- National Institute for Health and Care Excellence. Neuropathic pain in adults: pharmacological management in non-specialist settings. Clinical guideline CG173. London: NICE. Available from: https://www.nice.org.uk/guidance/cg173
- National Institute for Health and Care Excellence. Parkinson's disease in adults. NICE guideline NG71. London: NICE. Available from: https://www.nice.org.uk/guidance/ng71
- Baugh RF, Basura GJ, Ishii LE, Schwartz SR, Drumheller CM, Burkholder R, et al. Clinical practice guideline: Bell's palsy. Otolaryngol Head Neck Surg. 2013;149(3 Suppl):S1-27.

Chapter 14 — Endocrine System (Overview)

14.1 Principles of endocrine function and central control · 14.2 Peripheral endocrine glands · 14.3 Endocrine disorders and dental relevance

Core texts: [1] Endocrine chapters; thyroid, parathyroid and adrenal anatomy · [3] Chapters covering the thyroid, parathyroid and suprarenal glands · [10] Endocrinology and reproduction chapters · [13] Endocrine organ chapters · [14] Endocrine gland chapters · [27] Endocrine pathology chapters · [28] Chapters on endocrine disease and dental care

Additional

- Gibson N, Ferguson JW. Steroid cover for dental patients on long-term steroid medication: proposed clinical guidelines based upon a critical review of the literature. Br Dent J. 2004;197(11):681-5.
- Society for Endocrinology. Emergency guidance: acute management of the adrenal crisis. Bristol: Society for Endocrinology. Available from: https://www.endocrinology.org/clinical-practice/clinical-guidance
- National Institute for Health and Care Excellence. Type 2 diabetes in adults: management. NICE guideline NG28. London: NICE. Available from: https://www.nice.org.uk/guidance/ng28

- National Institute for Health and Care Excellence. Thyroid disease: assessment and management. NICE guideline NG145. London: NICE. Available from: https://www.nice.org.uk/guidance/ng145
- Sanz M, Ceriello A, Buysschaert M, Chapple I, Demmer RT, Graziani F, et al. Scientific evidence on the links between periodontal diseases and diabetes. J Clin Periodontol. 2018;45(2):138-49.

Chapter 15 — Special Senses (Eye, Ear, Taste, Smell)

15.1 The eye and vision · 15.2 The ear, hearing and balance · 15.3 Taste, smell and the cranial nerves of dental relevance

Core texts: [1] Chapters on the orbit and eye, the ear, and the special senses · [2] Head and neck (orbit, ear, oral cavity) · [3] Head chapter (orbit and ear) · [10] Chapters on vision, hearing, taste and smell · [13] Chapters on the eye and ear · [18] Chapters on the cranial nerves and the oral cavity · [21] Chapters on the orbit, ear and cranial nerves

Additional

- Roper SD, Chaudhari N. Taste buds: cells, signals and synapses. Nat Rev Neurosci. 2017;18(8):485-97.
- World Health Organization. World report on hearing. Geneva: WHO; 2021. Available from: https://www.who.int/publications/i/item/9789240020481
- World Health Organization. World report on vision. Geneva: WHO; 2019. Available from: https://www.who.int/publications/i/item/9789241516570
- Purves D, Augustine GJ, Fitzpatrick D, Hall WC, LaMantia AS, Mooney RD, et al., editors. Neuroscience. 6th ed. New York: Oxford University Press; 2018.

Chapter 16 — Lymphatic System and Immune Overview

16.1 Organisation and lymphoid structure · 16.2 Cells, antibodies and types of immunity · 16.3 Clinical and dental relevance

Core texts: [1] Lymphatic system chapters; cervical lymph nodes · [2] Introduction (lymphatic system); head and neck · [3] Chapters on lymphatic drainage of the head and neck · [13] Lymphatic and immune system chapters · [14] Chapters on the immune system and lymphoid organs · [18] Chapters on lymphatic drainage of the head and neck · [27] Chapters on immunity and immunodeficiency

Additional

- Murphy K, Weaver C, Berg L. Janeway's Immunobiology. 10th ed. New York: W. W. Norton; 2022.
- Robbins KT, Clayman G, Levine PA, Medina J, Sessions R, Shaha A, et al. Neck dissection classification update: revisions proposed by the American Head and Neck Society and the American Academy of Otolaryngology-Head and Neck Surgery. Arch Otolaryngol Head Neck Surg. 2002;128(7):751-8.
- Shiboski CH, Shiboski SC, Seror R, Criswell LA, Labetoulle M, Lietman TM, et al. 2016 American College of Rheumatology/European League Against Rheumatism classification criteria for primary Sjogren's syndrome. Arthritis Rheumatol. 2017;69(1):35-45.
- 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
- Nair S, Mohan S, Nilakantan A, Gupta A, Malik A, Gupta A. Cervical lymphadenopathy: a clinicopathological approach. Med J Armed Forces India. 2016;72(3):249-54.

Chapter 17 — Integumentary System (Skin and Fascia)

17.1 Skin: functions and the epidermis · 17.2 Dermis, hypodermis and skin appendages · 17.3 Fascia and applied anatomy

Core texts: [1] Skin and its appendages; fascial planes of the head and neck · [2] Introduction (skin and fascia) · [3] Introduction (skin, fascia and superficial structures) · [13] Integumentary system chapters · [15] Skin chapters · [18] Chapters on the fascial spaces of the head and neck · [22] Chapters on fascial planes and the spread of infection

Additional

- Ogle OE. Odontogenic infections. Dent Clin North Am. 2017;61(2):235-52.

- Scottish Dental Clinical Effectiveness Programme. Management of acute dental problems. Dundee: SDCEP. Available from: https://www.sdcep.org.uk
- Yonetsu K, Izumi M, Nakamura T. Deep facial infections of odontogenic origin: CT assessment of pathways of space involvement. AJNR Am J Neuroradiol. 1998;19(1):123-8.
- Stecco C, Schleip R. A fascia and the fascial system. J Bodyw Mov Ther. 2016;20(1):139-40.
- Proksch E, Brandner JM, Jensen JM. The skin: an indispensable barrier. Exp Dermatol. 2008;17(12):1063-72.

Chapter 18 — Skeletal System (Bones and Joints Overview)

18.1 Bone structure and biology · 18.2 Skeletal classification, formation and growth · 18.3 Joints and clinical/dental relevance

Core texts: [1] Skeletal tissue and functional musculoskeletal chapters · [2] Introductory chapters on the skeletal and articular systems · [4] Regional osteology chapters · [5] Introduction to regional anatomy (tissues and structures) · [6] Osteology and arthrology chapters · [12] Skeletal system chapters · [23] Skeletal system and craniofacial development · [24] Chapters on skeletal and pharyngeal arch development · [32]

Additional

- Einhorn TA, Gerstenfeld LC. Fracture healing: mechanisms and interventions. Nat Rev Rheumatol. 2015;11(1):45-54.
- Munns CF, Shaw N, Kiely M, Specker BL, Thacher TD, Ozono K, et al. Global consensus recommendations on prevention and management of nutritional rickets. J Clin Endocrinol Metab. 2016;101(2):394-415.
- Enlow DH, Hans MG. Essentials of Facial Growth. 2nd ed. Ann Arbor (MI): Needham Press; 2008.
- Scottish Dental Clinical Effectiveness Programme. Oral health management of patients at risk of medication-related osteonecrosis of the jaw. Dundee: SDCEP. Available from: https://www.sdcep.org.uk
- Proffit WR, Fields HW, Larson BE, Sarver DM. Contemporary Orthodontics. 6th ed. Philadelphia: Elsevier; 2019.

Compiled for BM Education FZE. Editions were current at the time of compilation; readers should consult the most recent edition of each text and the current version of each guideline.