

Contents

Preface vii

- 1 Examination of extraoral tissues 2**
 - Head and neck 3
 - Cranial nerves 3
 - Limbs 3
- 2 Examination of mouth, jaws, temporomandibular region and salivary glands 4**
 - Mouth 5
 - Jaws 5
 - Temporomandibular joint (TMJ) 5
 - Salivary glands 5
- 3 Investigations: Histopathology 6**
 - Mucosal biopsy 7
 - Brush biopsy 7
 - Labial salivary gland biopsy 7
- 4 Investigations: Microbiology 8**
- 5 Investigations: Imaging 10**
- 6 Investigations: Blood tests 12**
 - Referring a patient for specialist opinion 12
- 7 Anatomical variants and developmental anomalies 14**
 - Fordyce spots (“Fordyce granules”) 15
 - Fissured tongue (scrotal or plicated tongue) 15
 - Stafne cyst or bone cavity 15
 - Torus palatinus 15
 - Torus mandibularis 15
 - Varicosities 15
- 8 Blisters 16**
 - Angina bullosa hemorrhagica (localized oral purpura; traumatic oral hemophlyctenosis) 17
- 9 Blisters, infections: Herpes simplex virus 18**
 - Herpes simplex 18
 - Recurrent herpes labialis 19
 - Recurrent intraoral herpes 19
- 10 Blisters infections: Varicella zoster virus 20**
 - Chickenpox (varicella) 21
 - Zoster (shingles) 21
- 11 Blisters, skin diseases: Pemphigus 22**
 - Pemphigus 23
- 12 Blisters, skin diseases: Pemphigoid 24**
- 13 Pigmented lesions 26**
 - Superficial discoloration 26
 - Hairy tongue (black hairy tongue; lingua villosa nigra) 27
- 14 Pigmented lesions: Ethnic pigmentation and tattoos 28**
 - Ethnic pigmentation 29
 - Foreign body tattoos 29
- 15 Pigmented lesions: Melanotic macule 30**
- 16 Pigmented lesions: Nevus and others 31**
 - Adenocorticotrophic hormone effects (ACTH) 31
- 17 Pigmented lesions: Malignant melanoma 32**
- 18 Red and purple lesions 34**
 - Purpura 34
- 19 Red and purple lesions: Desquamative gingivitis, mucositis 35**
 - Desquamative gingivitis 35
 - Mucositis 35
- 20 Red and purple lesions: Erythematous candidosis 36**
 - Acute candidosis 36
 - Chronic candidosis 37
 - Denture-related stomatitis (denture sore mouth; chronic atrophic candidosis) 37
 - Angular stomatitis (angular cheilitis; perleche) 37
 - Median rhomboid glossitis (central papillary atrophy of the tongue) 37
- 21 Red and purple lesions: Angiomas 38**
 - Hemangioma 38
 - Venous lake (venous varix; senile hemangioma of lip) 38
 - Lymphangioma 38
- 22 Red and purple lesions: Proliferative vascular lesions, Kaposi sarcoma 39**
 - Proliferative vascular lesions 39
 - Kaposi sarcoma 39
- 23 Red and purple lesions: Erythroplakia 40**
 - Erythroplakia (erythroplasia) 40
- 24 Red and purple lesions: Erythema migrans (lingual erythema migrans; benign migratory glossitis; geographical tongue; continental tongue) 41**
- 25 Swellings: Hereditary conditions, drug-induced swellings 42**
 - Hereditary gingival fibromatosis (HGF) 43
 - C1 esterase inhibitor deficiency (hereditary angioedema) 43
 - Drug-induced gingival swelling 43
- 26 Swellings: Infections, human papilloma virus 44**
 - Papilloma 44
 - Warts (verrucae) 45
 - Multifocal epithelial hyperplasia (Heck disease) 45
 - Koilocytic dysplasia 45
 - HPV and oral cancer 45
- 27 Swellings: Granulomatous conditions 46**
 - Sarcoidosis 46
 - Crohn disease and orofacial granulomatosis 46
- 28 Swellings: Reactive lesions 48**
 - Denture-induced hyperplasia (epulis fissuratum) 49
 - Fibroepithelial polyp (fibrous lump) 49
 - Fibroma 49
 - Giant cell epulis (peripheral giant cell granuloma) 49
 - Pyogenic granuloma 49
- 29 Swellings: Malignant neoplasms, oral squamous cell carcinoma (OSCC) 50**
- 30 Swellings: Malignant neoplasms, lymphoma, metastatic neoplasms 52**
 - Lymphomas 53
 - Metastatic oral neoplasms 53
- 31 Ulcers and erosions: Local causes, drug-induced ulcers 54**
 - Local causes 54
 - Eosinophilic ulcer (traumatic eosinophilic granuloma; traumatic ulcerative granulomatous disease) 54
 - Drug-induced ulcers (stomatitis medicamentosa) 55
- 32 Ulcers and erosions: Aphthae 56**
- 33 Ulcers and erosions: Aphthous-like ulcers 58**
 - Behçet syndrome (BS, Behçet disease) 59

- 34 Ulcers and erosions: Blood diseases, gastrointestinal disorders 60**
 Blood diseases 60
 Leukemias 60
 Gastrointestinal disorders 61
 Celiac disease (gluten sensitive enteropathy) 61
- 35 Ulcers and erosions: Infections 62**
 Hand, foot and mouth disease (HFMD; vesicular stomatitis with exanthem) 62
 Herpangina 62
 Bacterial infections 63
 Acute necrotizing ulcerative gingivitis (Vincent disease; acute ulcerative gingivitis, AUG, ANG, ANUG) 63
 Syphilis 63
 Gonorrhea 63
 Tuberculosis 63
- 36 Ulcers and erosions: Erythema multiforme, toxic epidermal necrolysis and Stevens-Johnson syndrome 64**
 Erythema multiforme 65
 Toxic epidermal necrolysis (TEN, Lyell syndrome) and Stevens-Johnson syndrome (SJS) 65
- 37 White lesions: Candidosis (candidiasis) 66**
 Acute pseudomembranous candidosis 66
 Chronic hyperplastic candidosis (Candidal leukoplakia) 67
 Chronic mucocutaneous candidosis (CMC) 67
- 38 White lesions: Keratosis, leukoplakia 68**
 Tobacco-related keratosis 69
 Leukoplakia 69
- 39 White lesions: Hairy leukoplakia, lichen planus 70**
 Hairy leukoplakia 70
 Lichen planus (LP) and lichenoid reactions 71
- 40 Salivary conditions: Salivary swelling and salivary excess 72**
 Salivary swelling 73
 Saliva excess (sialorrhea, hypersialia, hypersalivation, ptyalism) and drooling 73
- 41 Salivary conditions: Dry mouth 74**
- 42 Salivary conditions: Sjögren syndrome 76**
- 43 Salivary conditions: Sialolithiasis, sialadenitis 78**
 Sialolithiasis 78
 Sialadenitis 78
 Sialadenitis: Acute viral (mumps) 78
 Sialadenitis: Acute bacterial ascending 79
 Sialadenitis: Chronic bacterial 79
 Sialadenitis: Recurrent parotitis of childhood 79
- 44 Salivary conditions: Neoplasms 80**
 Benign neoplasms (adenomas) 81
 Malignant neoplasms 81
- 45 Salivary conditions: Mucoceles, sialosis 82**
 Mucoceles (mucous cyst; mucus extravasation phenomenon; myxoid cyst) 83
 Sialosis (sialadenosis) 83
- 46 Neck swelling 84**
 Discrete swellings in the neck 85
 Cervical lymphadenopathy 85
 Unexplained lymphadenopathy 85
 Diffuse swelling of the neck 85
- 47 Neck swelling: Cervical lymphadenopathy in generalized lymphadenopathy 86**
 Systemic infections 87
 Inflammatory disorders (not known to be infective) 87
 Neoplastic causes 87
 Drugs 87
 Others 87
- 48 Neurological conditions: Bell palsy, and trigeminal sensory loss 88**
 Bell palsy 89
 Trigeminal sensory loss 89
- 49 Neurological conditions and pain: Local, referred and vascular 90**
 Local causes of orofacial pain 90
 Referred causes of orofacial pain 91
 Vascular causes of orofacial pain 91
- 50 Neurological conditions and pain: Trigeminal neuralgia 92**
 Trigeminal neuralgia 93
- 51 Neurological conditions and pain: Psychogenic (idiopathic facial pain, idiopathic odontalgia and burning mouth syndrome (oral dysesthesia)) 94**
 Persistent idiopathic, or unexplained (atypical) facial pain (IFP) 95
 Burning mouth “syndrome” (BMS, glossopyrosis, glossodynia, oral dysesthesia, scalded mouth syndrome, or stomatodynia) 95
- 52 Jaw conditions: Temporomandibular pain-dysfunction 96**
 Temporomandibular joint pain-dysfunction syndrome (TMPD), myofascial pain dysfunction (MFD), facial arthromyalgia (FAM), mandibular dysfunction, or mandibular stress syndrome 97
- 53 Jaw bone conditions: Radiolucencies and radiopacities 98**
 Radiolucencies 98
 Radiopacities 99
 Mixed radiolucent and radiopaque lesions 99
- 54 Jaw bone conditions: Odontogenic diseases and cysts 100**
 Odontogenic infections 101
 Odontogenic cysts 101
- 55 Jaw bone conditions: Odontogenic tumors 102**
 Benign odontogenic tumors 102
 Malignant odontogenic tumors 103
- 56 Jaw conditions: Bone disorders 104**
 Non-neoplastic diseases 105
 Neoplastic disorders 105
- 57 Jaw bone conditions: Fibro-osseous lesions 106**
 Osseous dysplasia, cemento-osseous dysplasia (COD), periapical cemental or cemento-osseous dysplasia (PCD) 107
 Cherubism 107
 Fibrous dysplasia 107
 Hypercementosis 107
 Ossifying fibroma (cemento-ossifying fibroma) 107
 Paget disease of bone 107
- 58 Maxillary sinus conditions 108**
 Rhinosinusitis (sinusitis) 109
 Neoplasms 109
- 59 Oral malodor 110**
- 60 Human immunodeficiency virus (HIV) infection and AIDS 112**