

## CONTENTS

1.	Development of the Jaws .....	1
	Odontogenesis .....	1
	Development of the Tooth and Supporting Tissues.....	1
	Recent Advances.....	5
2.	Classification of Odontogenic Tumors and Cysts.....	7
	Early Reports and Classification Systems .....	7
3.	Odontogenic Cysts .....	11
	Inflammatory Cysts of the Jaws .....	11
	Radicular Cyst (Periapical Cyst) .....	11
	Residual Cyst .....	13
	Paradental Cyst.....	15
	Buccal Bifurcation Cyst .....	17
	Developmental Cysts of the Jaws.....	18
	Dentigerous Cyst .....	18
	Eruption Cyst .....	21
	Lateral Periodontal Cyst .....	23
	Botryoid Odontogenic Cyst .....	24
	Glandular Odontogenic Cyst .....	26
	Primordial Cyst (Odontogenic Cyst of Undetermined Origin) .....	30
	Orthokeratinizing Odontogenic Cyst .....	30
4.	Nonodontogenic Cysts of the Jaws .....	37
	Nasopalatine Duct Cyst (Median Anterior Maxillary Cyst, Incisive Canal Cyst).....	37
	Nasolabial Cyst .....	37
	Surgical Ciliated Cyst.....	39
5.	Idiopathic and Developmental Abnormalities.....	43
	Idiopathic Bone Cavity (Simple Bone Cyst, Traumatic Bone Cyst, Hemorrhagic Bone Cyst, Solitary Bone Cyst).....	43
	Lingual Salivary Gland Defect (Stafne Bone Defect, Latent Bone Cyst) .....	45
6.	Epithelial Odontogenic Neoplasms.....	49
	Ameloblastoma .....	49
	Intraosseous Ameloblastoma.....	49
	Unicystic Ameloblastoma.....	59
	Adenomatoid Odontogenic Tumor .....	64
	Calcifying Epithelial Odontogenic Tumor (Calcifying Odontogenic Tumor, Pindborg Tumor) .....	68

	Keratocystic Odontogenic Tumor (Keratinizing Cystic Odontogenic Tumor, Parakeratinizing Odontogenic Keratocyst) .....	72
	Basal Cell Nevus Syndrome (Nevoid Basal Cell Carcinoma Syndrome, Gorlin Syndrome) .....	77
	Squamous Odontogenic Tumor .....	80
7.	Mesenchymal Odontogenic Neoplasms .....	87
	Odontogenic Myxoma .....	87
	Central Odontogenic Fibroma .....	88
	Cementoblastoma .....	93
8.	Mixed Epithelial Mesenchymal Neoplasms.....	99
	Ameloblastic Fibroma .....	99
	Ameloblastic Fibro-Odontoma.....	101
	Odontoma .....	102
	Calcifying Cystic Odontogenic Tumor (Calcifying Odontogenic Cyst, Gorlin Cyst, Dentinogenic Ghost Cell Tumor, Odontogenic Ghost Cell Tumor).....	106
9.	Malignant Odontogenic Neoplasms .....	115
	Malignant Ameloblastoma.....	115
	Ameloblastic Carcinoma .....	116
	Ameloblastic Fibrosarcoma .....	119
	Primary Intraosseous Carcinoma .....	120
	Carcinoma Arising from Keratocystic Odontogenic Tumors and Odontogenic Cysts ....	123
	Clear Cell Odontogenic Carcinoma.....	124
	Odontogenic Ghost Cell Carcinoma .....	126
10.	Hybrid Tumors .....	131
	Odontoameloblastoma .....	131
	Calcifying Cystic Odontogenic Tumor (Dentinogenic Ghost Cell Tumor) Hybrids.....	132
	Other Hybrid Tumors.....	133
11.	Peripheral Odontogenic Neoplasms and Cysts.....	135
	Peripheral Odontogenic Neoplasms .....	135
	General Features .....	135
	Clinical Features .....	135
	Radiographic Features .....	135
	Peripheral Odontogenic Fibroma.....	136
	Peripheral Ameloblastoma (Extraosseous Ameloblastoma).....	136
	Peripheral Calcifying Epithelial Odontogenic Tumor .....	139
	Peripheral Calcifying Cystic Odontogenic Tumor.....	139
	Peripheral Odontogenic Myxoma.....	140
	Peripheral Keratocystic Odontogenic Tumor.....	140

Peripheral Odontoma.....	140
Peripheral Ameloblastic Fibroma .....	140
Treatment .....	140
Reactive Tumors of the Gingiva .....	140
Peripheral Ossifying Fibroma.....	140
Peripheral Giant Cell Granuloma .....	142
Pyogenic Granuloma.....	144
Gingival Cysts in Adults.....	147
Gingival Cysts in Infants.....	147
12. Fibro- Osseous Lesions.....	151
Fibrous Dysplasia .....	151
Cemento-Ossifying Fibroma.....	151
Cemento- Osseous Dysplasia .....	155
13. Cartilaginous Tumors.....	161
Osteochondroma .....	161
Chondroblastoma .....	163
Chondromyxoid Fibroma.....	168
Chondrosarcoma .....	170
Mesenchymal Chondrosarcoma.....	177
14. Osseous Lesions .....	183
Giant Cell Lesions.....	183
Central Giant Cell Granuloma .....	183
Cherubism.....	187
Aneurysmal Bone Cyst.....	188
Osteoma .....	194
Osteoblastoma/Osteoid Osteoma .....	196
Osteosarcoma .....	201
15. Fibrous Lesions.....	215
Congenital Fibromatosis (Myofibromatosis).....	215
Desmoplastic Fibroma .....	216
Fibrosarcoma.....	218
16. Hematopoietic Tumors .....	225
Langerhans Cell Histiocytosis.....	225
Plasmacytoma/Multiple Myeloma.....	228
Malignant Lymphoma .....	230
Non-Burkitt Lymphoma .....	231
Burkitt Lymphoma.....	233

17. Vascular Lesions.....	237
Hemangioma/Vascular Malformations.....	237
Malignant Vascular Tumors.....	238
18. Synovial and Temporomandibular Joint Lesions.....	247
Synovial Chondromatosis.....	247
Pigmented Villonodular Synovitis.....	251
Tophaceous Pseudogout.....	255
19. Miscellaneous Lesions.....	261
Melanotic Neuroectodermal Tumor of Infancy.....	261
Ewing Sarcoma/Peripheral Neuroectodermal Tumor.....	263
Smooth Muscle Tumors.....	266
Peripheral Nerve Sheath Tumors.....	268
Fat-Producing Tumors.....	272
Congenital Epulis of the Newborn.....	273
Tumors Metastatic to the Jaws.....	274
Index.....	283