

# Contents

<b>1 Diseases of the Cardiovascular System</b> . . . . .	1
1.1 Introduction . . . . .	1
1.2 Diseases of Blood Vessels . . . . .	1
1.2.1 Atherosclerosis . . . . .	1
1.2.2 Aneurysms . . . . .	4
1.3 Cardiac Diseases . . . . .	6
1.3.1 Ischemic Heart Disease . . . . .	6
1.3.2 Valvular Heart Disease . . . . .	11
1.3.3 Infective Endocarditis . . . . .	14
1.3.4 Hypertensive Heart Disease . . . . .	16
1.3.5 Cardiomyopathy . . . . .	17
1.3.6 Pericarditis . . . . .	20
References . . . . .	24
<b>2 Diseases of Head and Neck</b> . . . . .	25
2.1 Introduction . . . . .	25
2.2 Lesions in the Head Region . . . . .	25
2.3 Lesions in the Neck Region . . . . .	31
2.3.1 Larynx . . . . .	31
2.3.2 Thyroid Gland . . . . .	35
References . . . . .	43
<b>3 Diseases of Lungs</b> . . . . .	45
3.1 Introduction . . . . .	45
3.2 Congenital Lung Diseases . . . . .	46
3.3 Infectious Diseases . . . . .	47
3.4 Diseases of Cartilaginous and Non-cartilaginous Airways . . . . .	63
3.5 Pulmonary Vascular Diseases . . . . .	66
3.6 Neoplasms . . . . .	69
3.6.1 Primary Malignant Tumors . . . . .	69
3.7 Metastatic Lung Disease . . . . .	83
References . . . . .	84
<b>4 Diseases of the Gastrointestinal Tract</b> . . . . .	87
4.1 Introduction . . . . .	87
4.2 Esophageal Lesions . . . . .	88
4.3 Gastric Lesions . . . . .	90
4.3.1 Inflammatory Lesions . . . . .	90
4.3.2 Neoplastic Lesions . . . . .	94
4.4 Small Intestine Lesions . . . . .	102
4.4.1 Congenital Lesions . . . . .	102
4.4.2 Inflammatory Lesions . . . . .	103
4.4.3 Mechanical Lesions . . . . .	105

4.4.4	Neoplastic Lesions . . . . .	107
4.5	Appendiceal Lesions . . . . .	112
4.5.1	Inflammatory Lesions . . . . .	112
4.6	Colorectal Lesions . . . . .	114
4.6.1	Inflammatory Lesions . . . . .	114
4.6.2	Neoplastic Lesions . . . . .	121
	References . . . . .	131
<b>5</b>	<b>Diseases of the Hepatobiliary System and Pancreas . . . . .</b>	<b>133</b>
5.1	Liver . . . . .	134
5.1.1	Degenerative Lesions . . . . .	134
5.1.2	Vascular Lesions . . . . .	136
5.1.3	Inflammatory Lesions . . . . .	137
5.1.4	Cirrhosis . . . . .	144
5.1.5	Neoplastic Lesions . . . . .	147
5.2	Gallbladder . . . . .	158
5.2.1	Inflammatory Lesions . . . . .	158
5.2.2	Neoplastic Lesions . . . . .	161
	References . . . . .	165
<b>6</b>	<b>Diseases of Kidney and Bladder . . . . .</b>	<b>167</b>
6.1	Kidney . . . . .	168
6.1.1	Congenital Lesions . . . . .	168
6.1.2	Inflammatory Lesions . . . . .	171
6.1.3	Mechanical Lesions . . . . .	180
6.1.4	Fibrillar Lesion . . . . .	181
6.1.5	Vascular Lesions . . . . .	183
6.1.6	Neoplastic Lesions . . . . .	187
6.2	Urinary Bladder . . . . .	198
6.2.1	Neoplastic Lesions . . . . .	198
	References . . . . .	202
<b>7</b>	<b>Diseases of the Male Reproductive Tract . . . . .</b>	<b>203</b>
7.1	Diseases of Tunica Vaginalis . . . . .	204
7.2	Inflammation of Testis . . . . .	205
7.3	Testicular Neoplasms . . . . .	206
7.4	Diseases of Prostate . . . . .	210
	References . . . . .	219
<b>8</b>	<b>Diseases of the Female Reproductive Tract . . . . .</b>	<b>221</b>
8.1	Vulva . . . . .	222
8.1.1	Inflammatory Lesions . . . . .	222
8.1.2	Neoplastic Lesions . . . . .	222
8.2	Cervix . . . . .	223
8.2.1	Neoplastic Lesions . . . . .	223
8.3	Uterus . . . . .	231
8.3.1	Congenital Lesions . . . . .	231
8.3.2	Inflammatory Lesions . . . . .	232
8.3.3	Adenomyosis . . . . .	232
8.3.4	Endometrial Tumor-Like Lesions . . . . .	235
8.3.5	Endometrial Epithelial Tumors and Precursors . . . . .	236
8.4	Fallopian Tubes . . . . .	253
8.5	Ovary . . . . .	255
8.5.1	Surface Epithelial Tumors . . . . .	255
8.5.2	Germ Cell Tumors . . . . .	266

8.5.3	Sex Cord-Stromal Tumors	271
8.5.4	Metastatic Tumors	276
8.6	Disorders of Pregnancy	278
8.6.1	Ectopic Tubal Pregnancy	278
8.6.2	Gestational Trophoblastic Disease	279
8.6.3	Gestational Trophoblastic Tumor	284
	References	286
<b>9</b>	<b>Diseases of Breast</b>	<b>289</b>
9.1	Fibrocystic Changes	290
9.2	Fibroepithelial Tumors	292
9.3	Breast Carcinomas	298
	References	312
<b>10</b>	<b>Diseases of the Lymphoreticular System</b>	<b>313</b>
10.1	Circulatory Disturbances	313
10.2	Inflammatory Lesions	317
10.3	Neoplastic Lesions	319
10.4	Amyloidosis	332
	References	332
<b>11</b>	<b>Diseases of Bones</b>	<b>335</b>
11.1	Inflammatory Lesions	335
11.2	Benign Cystic Lesions	337
11.3	Neoplastic Lesions	339
11.3.1	Primary Tumors	339
11.3.2	Metastatic Tumors	353
	References	354
<b>12</b>	<b>Diseases of Cutaneous and Soft Tissues</b>	<b>355</b>
12.1	Skin Pathology	356
12.1.1	Inflammatory Lesions	356
12.1.2	Neoplastic Lesions	360
12.2	Soft Tissue Pathology	372
12.2.1	Benign Fibrohistiocytic Tumors	372
12.2.2	Fibrohistiocytic Tumors of Intermediate Malignancy	375
12.2.3	Primary Cutaneous Lymphoma	377
12.2.4	Benign Lipomatous Tumors	379
12.2.5	Liposarcoma	380
12.2.6	Malignant Vascular Tumors	382
12.2.7	Malignant Tumors of Striated Muscles	384
	References	386
<b>13</b>	<b>Diseases of the Central Nervous System</b>	<b>389</b>
13.1	Sellar Region Tumors	389
13.2	Cerebral Infection	391
13.3	Intracranial Hemorrhages	392
13.4	Brain Tumors	394
13.5	Vascular Malformation	402
	References	403
<b>14</b>	<b>Diseases of the Ocular System</b>	<b>405</b>
14.1	Eye Lesions	405
14.2	Eyelid	406
14.3	Conjunctiva	418
14.4	Lacrimal Gland and Duct	425

14.5 Uvea (Iris, Choroid, and Ciliary Body), Limbus, and Sclera. . . . . 426

14.6 Retina. . . . . 429

14.7 Optic Nerve . . . . . 432

14.8 Orbit. . . . . 434

References. . . . . 437

**Index. . . . . 439**

10 Diseases of the Lymphatic System . . . . . 439

10.1 Cystic Lesions . . . . . 439

10.2 Inflammatory Lesions . . . . . 439

10.3 Neoplastic Lesions . . . . . 439

10.4 Amyloidosis . . . . . 439

References . . . . . 439

11 Diseases of Bones . . . . . 439

11.1 Inflammatory Lesions . . . . . 439

11.2 Benign Cystic Lesions . . . . . 439

11.3 Neoplastic Lesions . . . . . 439

11.3.1 Primary Tumors . . . . . 439

11.3.2 Metastatic Tumors . . . . . 439

References . . . . . 439

12 Diseases of Cartilage and Soft Tissues . . . . . 439

12.1 Skin Pathology . . . . . 439

12.1.1 Inflammatory Lesions . . . . . 439

12.1.2 Neoplastic Lesions . . . . . 439

12.2 Soft Tissue Pathology . . . . . 439

12.2.1 Benign Fibrohistiocytic Tumors . . . . . 439

12.2.2 Fibrohistiocytic Tumors of Intermediate Malignancy . . . . . 439

12.2.3 Primary Cutaneous Lymphoma . . . . . 439

12.2.4 Benign Lipomatous Tumors . . . . . 439

12.2.5 Liposarcoma . . . . . 439

12.2.6 Malignant Vascular Tumors . . . . . 439

12.2.7 Malignant Tumors of Striated Muscles . . . . . 439

References . . . . . 439

13 Diseases of the Central Nervous System . . . . . 439

13.1 Sellar Region Tumors . . . . . 439

13.2 Craniopharyngioma . . . . . 439

13.3 Intracranial Hemangiomas . . . . . 439

13.4 Brain Tumors . . . . . 439

13.5 Vascular Malformations . . . . . 439

References . . . . . 439

14 Diseases of the Ocular System . . . . . 439

14.1 Eye Lesions . . . . . 439

14.2 Eyelid . . . . . 439

14.3 Conjunctiva . . . . . 439

14.4 Lacrimal Gland and Duct . . . . . 439